

# 香港知識產權公報

Hong Kong Intellectual Property Journal

2023 年 8 月 18 日

18 August 2023



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#### **Requests to Record Designated Patent Applications published under section 20 of the Patents Ordinance**

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Arranged by Publication Number
3. 按申請編號排列  
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1. 按國際專利分類排列  
Arranged by International Patent Classification
2. 按發表編號排列  
Arranged by Publication Number
3. 按申請編號排列

Arranged by Application Number

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Arranged by Name of Proprietor

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**Granted Standard Patents (O) published under section 37X of the Patents Ordinance**

1. 按國際專利分類排列

Arranged by International Patent Classification

2. 按發表編號排列

Arranged by Publication Number

3. 按申請編號排列

Arranged by Application Number

4. 按專利所有人姓名 / 名稱排列

Arranged by Name of Proprietor

**根據專利條例第 118 條發表批予短期專利**

**Granted Short-term Patents published under section 118 of the Patents Ordinance**

1. 按國際專利分類排列

Arranged by International Patent Classification

2. 按發表編號排列

Arranged by Publication Number

3. 按申請編號排列

Arranged by Application Number

4. 按專利所有人姓名 / 名稱排列

Arranged by Name of Proprietor

## 根據專利條例(第 514 章)公布的其他公告

### **Other Notices Published under the Patents Ordinance (Cap. 514)**

根據專利條例第 20 條發表後撤回，當作已予撤回或被拒的申請

Applications withdrawn, deemed to have been withdrawn, or refused, after publication under section 20 of the Patents Ordinance

根據專利條例第 39 條，標準專利因未繳續期費而停止有效

Standard Patents Ceased through Non-payment of Renewal Fees under section 39 of the Patents Ordinance

根據專利條例第 39(1) (b)條，標準專利 20 年期屆滿終止

Standard Patents Expired after Termination of 20 years under section 39(1) (b) of the Patents Ordinance

根據專利條例第 51 條，更改註冊紀錄冊的資料

Changes in the Register under section 51 of the Patents Ordinance

根據專利條例第 126 條，短期專利因未繳續期費而停止有效

Short-term Patents Ceased through Non-payment of Renewal Fees under section 126 of the Patents Ordinance

根據專利條例第 126(1) (b)條，短期專利 8 年期屆滿終止

Short-term Patents Expired after Termination of 8 years under section 126(1) (b) of the Patents Ordinance

根據專利條例第 146 條，更正專利和申請中的錯誤

Correction of errors in Patents and Applications under Section 146 of the Patents Ordinance

## 以下事項沒有記錄

### **No Records for the Following Matters**

根據專利條例第 37Q 條發表原授標準專利申請

Standard Patent (O) Applications published under section 37Q of the Patents Ordinance

根據專利條例第 29 條，權利的恢復

Restoration of Rights under section 29 of the Patents Ordinance

根據專利條例第 34 條，轉錄標準專利的申請的恢復

Restoring Application for Standard Patent (R) under section 34 of the Patents Ordinance

根據專利條例第 37Q 條發表後撤回，當作或視作被撤回或被拒的申請

Applications withdrawn, deemed to be or regarded as being withdrawn, or refused, after publication under section 37Q of the Patents Ordinance

根據專利條例第 40 條，已失效的標準專利的恢復

Restoration of Lapsed Standard Patents under section 40 of the Patents Ordinance

根據專利條例第 43 條，在指定專利當局進行反對或撤銷專利的法律程序後修訂轉錄標準專利

Amendment of Standard Patent (R) Following Opposition or Revocation Proceedings in the Designated Patent Office under section 43 of the Patents Ordinance

根據專利條例第 44(2) 條撤銷轉錄標準專利

Revocation of Standard Patents (R) under section 44(2) of the Patents Ordinance

根據專利條例第 44(4) 條撤銷轉錄標準專利

Revocation of Standard Patents (R) under section 44(4) of the Patents Ordinance

根據專利條例第 46 條，獲批專利後修訂專利說明書

Amendment of Patent Specifications After Grant under section 46 of the Patents Ordinance

根據專利條例第 48 條，放棄專利

Surrender of Patents under section 48 of the Patents Ordinance

根據專利條例第 49 條以公共秩序或道德為理由撤銷專利

Revocation of Patents on grounds of "ordre public" or morality under section 49 of the Patents Ordinance

根據專利條例第 91 條撤銷專利

Revocation of Patents under section 91 of the Patents Ordinance

根據專利條例第 102 條，在侵犯專利或撤銷專利的法律程序中修訂專利說明書

Amendment of Patent Specification in infringement or Revocation Proceedings under section 102 of the Patents Ordinance

根據專利條例第 106(3) 條，請求發表經更正的譯本

Request for publication of a corrected translation under Section 106(3) of the Patents Ordinance

根據專利條例第 127B 或 127D 條，獲批專利後修訂專利說明書

Amendment of Patent Specifications After Grant under section 127B or 127D of the Patents Ordinance

根據專利條例第 127 條，已失效的短期專利的恢復

Restoration of Lapsed Short-term Patents under section 127 of the Patents Ordinance

根據專利條例第 127G 條撤銷短期專利

Revocation of Short-term Patents under section 127G of the Patents Ordinance

在法院進行的法律程序中，修訂專利說明書

Amendment of Patent Specification in Court Proceedings

勘誤

Corrigendum

## 註釋

### A. INID 代碼

公告使用 ‘INID’ 代碼，識別不同的目錄資料，而不必理會所用的是何種語言和工業產權法例。

‘INID’ 是 ‘Internationally agreed Numbers for the Identification of Data’ 的縮寫。INID 代碼一般會加上方括，隨後出現的便是適當的目錄資料。本公報使用的 INID 代碼，參照世界知識產權組織標準條文第 9 條的定義，現詳列如下：

- [11] 文件編號
- [13] 根據世界知識產權組織標準條文第 16 條界定的文件類別代號
- [21] 申請獲編配的編號
- [22] 申請提交日期
- [25] 所發表申請原先提交時所採用的語文
- [30] 優先權資料
- [43] 以編印或類似方式發表某一未經審查文件的日期，而在該日期或之前，申請未獲批予專利
- [45] 以編印或類似方式發表某一文件的日期，而在該日期或之前，申請已獲批予專利
- [51] 國際專利分類
- [54] 發明名稱
- [57] 撮錄
- [62] 本申請的較早原案申請編號
- [71] 申請人姓名/名稱及地址
- [72] 據知的發明人姓名/名稱
- [73] 獲批予人姓名/名稱及地址
- [74] 代理人姓名/名稱及/或送達地址
- [86] 地區或國際申請的提交資料，即申請提交日期、申請編號，以及選擇性地提供所發表申請原先提交時所採用的語文
- [87] 地區或國際申請的發表資料，即發表日期、發表編號，以及選擇性地提供發表申請時所採用的語文

## B. 分類索引

1. 分類索引按照國際專利分類排列。

2. 擁有一個以上分類號的專利文件，會在分類索引出現一次以上。在這種情況下，其後在第二、第三個（如此類推）分類號重覆出現的專利文件，其名稱或其他目錄資料便會省去。

## C. 發表編號索引

發表編號索引按照發表編號由小至大排列。

## D. 申請編號索引

申請編號索引按照申請編號由小至大排列。

## E. 姓名 / 名稱索引

### 概要

1. 為準確識別索引內的姓名 / 名稱及方便檢索有關記項，公報公告採用世界知識產權組織標準條文第 20 條的部分建議。
2. 姓名 / 名稱索引名單是按字母序排列，第一組是記錄請求申請人的姓名 / 名稱，第二組是已批予標準專利所有人的姓名 / 名稱，第三組是已批予短期專利所有人的姓名 / 名稱，索引名單不包括發明人的姓名 / 名稱。

### 法人名稱

3. 公告會按申請人提供的資料，刊出法人的姓名 / 名稱。

## F. 補充資料

### 文件代碼

1. 本公報使用下列文件代碼識別所發表的事項:

根據《專利條例》批予的原授標準專利

A = 發表申請

B = 發表已批予專利的說明書

C = 發表經修訂或更正的說明書(已批予專利)

A9= 發表經更正的說明書(已發表申請)

短期專利

A = 發表已批予專利的說明書

B = 發表經修訂或更正的說明書

根據《專利條例》批予的轉錄標準專利

A = 發表記錄請求

B = 發表已批予專利的說明書

C = 發表經修訂或更正的說明書(已批予專利)

A9= 發表經更正的說明書(已發表記錄請求)

憑藉《專利(過渡性安排)規則》批予的標準專利

A = 發表已批予專利的說明書

B = 發表經修訂或更正的說明書

### 指定專利當局的發表編號

2. 在發表編號[11]一欄下面的編號, 便是相應指定專利當局的發表編號。

## Notes

### A. INID Codes

“INID” Codes are used in the notices to identify various bibliographic data items without knowledge of the language used and the Industrial Property laws applied. “INID” is an acronym for “Internationally agreed Numbers for the Identification of Data”. The INID Codes are usually given in parenthesis before the appropriate bibliographic data item. The INID Codes used in this Journal follow the definitions given in WIPO Standard ST.9 and are listed below:

- [11] Number of the document
- [13] Kind of document code according to WIPO Standard ST. 16
- [21] Number (s) assigned to the application (s)
- [22] Date (s) of filing application (s)
- [25] Language in which the published application was originally filed
- [30] Priority Data
- [43] Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date
- [45] Date of publication by printing or similar process of a document on which grant has taken place on or before the said date
- [51] International Patent Classification
- [54] Title of the invention
- [57] Abstract
- [62] Number of the earlier application from which the present document has been divided out
- [71] Name (s) and address(es) of applicant (s)
- [72] Name (s) of inventor (s) if known to be such
- [73] Name (s) and address(es) of grantee (s)
- [74] Name of agent and/or address for service
- [86] Filing data of the regional or PCT application, i.e. application filing date, application number, and, optionally, the language in which the published application was originally filed
- [87] Publication data of the regional or PCT application, i.e. publication date, publication number, and, optionally, the language in which the application is published

## **B. Classification Index**

1. The classification index is arranged in accordance with the International Patent Classification.

2. In the classification index, patent documents with more than one classification symbol are given more than once. In such cases, the title of patent document or other bibliographic data at the place of the second, third, etc. classification symbol are omitted.

## **C. Publication Number Index**

Publication number index is arranged by publication number in ascending numerical order.

## **D. Application Number Index**

Application number index is arranged by application number in ascending numerical order.

## **E. Name Index**

### General

1. For the purpose of uniquely identifying names in the Index and for easy retrieving of relevant entries, some recommendations in WIPO Standard ST.20 have been adopted.

2. The name index lists are sorted in alphabetic order of the names of applicants for requests to record, the names of proprietors for granted Standard Patents and the names of proprietors for granted Short-term Patents respectively. The indexes compiled do not cover the name(s) of the inventor(s).

### Names of Legal Entities

3. Names of legal entities would appear as given by the applicant.

## **F. Supplementary Details**

### Document Codes

1. The following document codes are used in this Journal to identify the kind of publication:

Standard Patents (O) Granted under the Patents Ordinance

A = Publication of application

B = Publication of granted patent specification

C = Publication of amended or corrected specification after grant

A9 = Publication of corrected specification of published application

Short-term Patents

A = Publication of granted patent specification

B = Publication of amended or corrected specification

Standard Patents (R) Granted under the Patents Ordinance

A = Publication of request to record

B = Publication of granted patent specification

C = Publication of amended or corrected specification after grant

A9 = Publication of corrected specification of published request to record

Standard Patents Granted by Virtue of the Patents (Transitional Arrangements) Rules

A = Publication of granted patent specification

B = Publication of amended or corrected specification

### Publication Number of Designated Patent Office

2. The number placed under the publication number [11] is the corresponding Designated Patent Office Publication Number.



香港特別行政區政府知識產權署專利註冊處

The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department**根據專利條例第 20 條發表的指定專利申請記錄請求****Requests to Record Designated Patent Applications published under section 20 of the Patents Ordinance****1. 按國際專利分類排列****Arranged by International Patent Classification****40086027 - 40086397**

|      |                                                         |      |               |
|------|---------------------------------------------------------|------|---------------|
| [51] | A01K 41/00                                              | [11] | 40086380      |
|      | A01K 41/02                                              |      | CN115666232 A |
|      | A01K 41/04                                              |      |               |
|      | A01K 45/00                                              |      |               |
|      | A61D 19/00                                              |      |               |
|      |                                                         | [13] | A             |
| [25] | EN                                                      |      |               |
| [21] | 62023075430.6                                           | [22] | 04.07.2023    |
| [86] | 22.04.2021 PCT/IL2021/050461                            |      |               |
| [87] | 28.10.2021 WO2021/214773                                |      |               |
| [30] | 24.04.2020 US,63/014,897                                |      |               |
| [54] | EGG HATCHING INCUBATOR HAVING REDUCED OPERATIONAL NOISE |      |               |
|      | 具有降低的運行噪音的孵卵孵化器                                         |      |               |
| [71] | N.R Soos Technology Ltd.                                |      |               |
|      | N•R 索斯科技有限公司                                            |      |               |
|      | No. 581                                                 |      |               |
|      | 2018500 Kaukab Abu al-Hija                              |      |               |
|      | ISRAEL                                                  |      |               |
| [72] | DEMER, Gadi Itzhak 加迪•伊扎克•德梅尔                           |      |               |
| [74] | AWA ASIA LIMITED                                        |      |               |
|      | Suite 1411, 14/F Leighton Centre                        |      |               |
|      | 77 Leighton Road, Causeway Bay                          |      |               |
|      | HONG KONG                                               |      |               |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A01K 41/02 | [11] | 40086380      |
|      | A01K 41/00 |      | CN115666232 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A01K 41/04 | [11] | 40086380      |
|      | A01K 41/00 |      | CN115666232 A |

[13] A

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A01K 45/00 | [11] | 40086380      |
|      | A01K 41/00 |      | CN115666232 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A01K 67/027 | [11] | 40086143     |
|      | C12N 15/85  |      | EP4116427 A1 |
|      |             | [13] | A            |

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|      |                                                                               |      |               |
|------|-------------------------------------------------------------------------------|------|---------------|
| [51] | A01K 67/027                                                                   | [11] | 40086175      |
|      |                                                                               |      | CN116114658 A |
|      |                                                                               | [13] | A             |
| [25] | ZH                                                                            |      |               |
| [21] | 42023075750.2                                                                 | [22] | 10.07.2023    |
| [54] | IMPROVED METHOD FOR CONSTRUCTING HUMANIZED MODEL MICE<br>改進的人源化模型小鼠的構建方法      |      |               |
| [71] | 深圳市勃新生物科技有限公司<br>中國<br>廣東省深圳市南山區桃源街道長源社區<br>學苑大道 1001 號南山智園 D1 棟 1303, 518000 |      |               |
| [72] | 鄒暢<br>張彬<br>趙盼                                                                |      |               |
| [74] | 百睿知識產權有限公司<br>香港<br>新界沙田香港科學園<br>科技大道西 10 號浚湖樓 617 室                          |      |               |

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|      |                              |      |              |
|------|------------------------------|------|--------------|
| [51] | A01K 67/027                  | [11] | 40086204     |
|      | A61K 48/00                   |      | EP4099821 A1 |
|      | C07K 14/47                   |      |              |
|      | C12N 9/22                    |      |              |
|      | C12N 15/10                   |      |              |
|      | C12N 15/11                   |      |              |
|      | C12N 15/90                   |      |              |
|      |                              | [13] | A            |
| [25] | EN                           |      |              |
| [21] | 62023071910.1                | [22] | 24.04.2023   |
| [86] | 05.02.2021 PCT/US2021/016762 |      |              |
| [87] | 12.08.2021 WO2021/158883     |      |              |

- [30] 07.02.2020 US,62/971,826  
01.05.2020 US,63/018,978
- [54] NON-HUMAN ANIMALS COMPRISING A HUMANIZED KLKB1 LOCUS AND METHODS OF USE  
包含人源化 KLKB1 基因座的非人動物及其使用方法
- [71] Regeneron Pharmaceuticals, Inc.  
777 Old Saw Mill River Road, Tarrytown, NY 10591  
UNITED STATES OF AMERICA
- [72] KAJIMURA, Daisuke  
BRYDGES, Susannah  
MURPHY, Andrew J.
- [74] CHINA HONGKONG PATENT LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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- [51] A01M 1/02 [11] 40086333  
A01M 1/04 EP4161258 A1  
A01M 1/08  
G01N 21/84  
G06K 9/62  
G06N 20/00  
G06Q 30/06
- [13] A
- [25] EN
- [21] 62023075263.1 [22] 30.06.2023
- [86] 09.06.2020 PCT/IB2020/055427
- [87] 16.12.2021 WO2021/250444
- [54] INSECT MONITORING SYSTEM AND METHOD  
昆蟲監測系統及方法
- [71] RYNAN TECHNOLOGIES PTE. LTD.  
60 Paya Lebar Road 05-57  
Paya Lebar Square 409051  
SINGAPORE
- [72] NGUYEN, My T.  
HONG, Cuong Q.  
TRAN, Toan Q.  
SON, Phuong H.  
PHAM, Luom H.  
PHAN, Quy M.  
DOAN, Nam Q.
- [74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG
-

[51] A01M 1/04 [11] 40086333  
A01M 1/02 EP4161258 A1  
[13] A

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[51] A01M 1/08 [11] 40086333  
A01M 1/02 EP4161258 A1  
[13] A

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[51] A01N 1/02 [11] 40086329  
C12N 15/10 EP4110051 A1  
[13] A

[25] EN

[21] 62023075040.3 [22] 28.06.2023

[86] 26.02.2021 PCT/US2021/019887

[87] 02.09.2021 WO2021/173983

[30] 28.02.2020 US, 62/982,856

[54] CAPILLARY ASSISTED VITRIFICATION PROCESSES AND MATERIALS FOR  
PRESERVATION OF BIOLOGICAL SAMPLES  
用於保存生物樣品的毛細管輔助玻璃化工藝和材料

[71] UPKARA, INC.  
1600 Huron Parkway, Bldg. 520, Rm 2390, Ann Arbor, MI 48109  
UNITED STATES OF AMERICA

[72] MOHANTY, Pravansu S.  
DAS, Subhendu  
BRONSART, Laura

[74] CHINAHONGKONG PATENT LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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[51] A21D 2/18 [11] 40086269  
A21D 2/36 EP4176723 A1  
A23L 5/00  
A23L 19/00  
[13] A

[25] JA

[21] 62023074845.6 [22] 23.06.2023

[86] 28.12.2021 PCT/JP2021/048965

[87] 07.07.2022 WO2022/145472

[30] 28.12.2020 JP, 2020-218541

[54] SWOLLEN COMPOSITION CONTAINING STARCH AND METHOD FOR  
PRODUCING SAME  
含有澱粉的膨化組合物及其製造方法

[71] Mizkan Holdings Co., Ltd.  
6 Nakamura-cho 2-chome  
Handa-shi, Aichi 475-8585  
JAPAN

[72] YAMAMOTO, Eisuke  
MIZUTA, Erika  
TOMITA, Takahiko  
IHARA, Junichiro  
HIBI, Naruhiro

[74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG

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|------|-----------|------|--------------|
| [51] | A21D 2/36 | [11] | 40086269     |
|      | A21D 2/18 |      | EP4176723 A1 |
|      |           | [13] | A            |

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| [51] | A23C 9/13 | [11] | 40086155      |
|      |           |      | CN115886073 A |
|      |           | [13] | A             |

[25] ZH

[21] 42023075548.0 [22] 06.07.2023

[30] 01.04.2022 CN,202210339267.8

[54] FERMENTED MILK  
一種發酵乳

[71] 北京三元食品股份有限公司  
中國  
100163 北京市大兴区瀛海鎮瀛昌街 8 号

[72] 陈历俊  
刘斌  
赵军英  
乔为仓  
刘彦品  
李建涛  
刘璐  
贾舸

[74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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| [51] | A23L 11/00 | [11] | 40086134      |
|      | A23L 33/10 |      | CN116268385 A |

[13] A

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[51] A23L 19/00 [11] 40086269  
A21D 2/18 EP4176723 A1  
[13] A

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[51] A23L 19/20 [11] 40086114  
B01F 35/71 CN115569593 A  
[13] A

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[51] A23L 21/20 [11] 40086134  
A23L 33/10 CN116268385 A  
[13] A

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[51] A23L 33/10 [11] 40086134  
A23L 33/115 CN116268385 A  
A23L 33/105  
A23L 21/20  
A23L 11/00  
A61K 35/644  
A61K 36/8988  
A61P 25/28  
A61K 31/685  
[13] A

[25] ZH

[21] 42023075453.3 [22] 05.07.2023

[30] 14.12.2021 TW,110146781

[54] COMPOSITION FOR ENHANCING COGNITIVE ABILITIES AND USE THEREOF  
一種用於提升認知能力的組合物及其用途

[71] NatureWise Biotech & Medicals Corporation  
彥臣生技藥品股份有限公司  
台灣  
台北市松山区八德路三段 36 号  
6 楼

[72] HOU, Chia-Chung 侯珈禎  
LIANG, Yi-Ju 梁宜如  
HUANG, Chung-Yang 黃中洋

[74] 李永康  
香港  
銅鑼灣恩平道 28 号  
利園商場二期 23 楼 2302 室

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[51] A23L 33/105 [11] 40086134  
A23L 33/10 CN116268385 A  
[13] A

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[51] A23L 33/115 [11] 40086134  
A23L 33/10 CN116268385 A  
[13] A

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[51] A23L 5/00 [11] 40086269  
A21D 2/18 EP4176723 A1  
[13] A

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CN115702710 A  
[13] A

[25] ZH  
[21] 42023075124.0 [22] 29.06.2023  
[30] 10.08.2021 JP,2021-130585  
[54] WEARING COMPONENTS FOR A WIG AND THE WIG  
假髮用佩戴構件以及假髮  
[71] ARTNATURE INC.  
自然艺术公司  
40-7, Yoyogi 3-chome, Shibuya-ku, Tokyo  
JAPAN  
[72] Mariko FUKUDA 福田麻理子  
[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.  
Flat B, 38/F, South Tower 3  
Phase 2, Residence Bal-Air  
HONG KONG

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[51] A43B 1/028 [11] 40086034  
A43B 1/04 CN115568660 A  
[13] A

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[51] A43B 1/04 [11] 40086034  
A43B 1/028 CN115568660 A  
A43B 23/02  
D04B 1/22  
[13] A  
[25] ZH

[21] 42023074357.7 [22] 12.06.2023  
[30] 23.07.2018 US, 62/702,192  
[54] KNITTED COMPONENT WITH AN ANGLED RAISED STRUCTURE  
具有成角度的凸起結構的針織部件  
[71] NIKE Innovate C.V.  
耐克创新有限合伙公司  
One Bowerman Drive  
Beaverton, Oregon 97005  
UNITED STATES OF AMERICA  
[72] Dalton T. Durrell 道尔顿·T·德雷尔  
Weibing Gong 龚卫兵  
[74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG

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A43B 1/04 CN115568660 A  
[13] A

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[51] A44C 15/00 [11] 40086349  
A44C 17/02 EP4195974 A1  
A44C 7/00  
[13] A

[25] EN  
[21] 62023075387.8 [22] 04.07.2023  
[86] 10.08.2021 PCT/EP2021/072294  
[87] 17.02.2022 WO2022/034096  
[30] 13.08.2020 GB, 2012621.5  
[54] ILLUMINATED GEMSTONE ASSEMBLY  
發光寶石組裝  
[71] De Beers UK Limited  
17 Charterhouse Street  
London EC1N 6RA  
UNITED KINGDOM  
[72] POWELL, Graham Ralph  
YAKOVENKO, Ekaterina  
KONTOROVICH, Boris  
FORT, Tucker  
[74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
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| [51] | A44C 17/02 | [11] | 40086349     |
|      | A44C 15/00 |      | EP4195974 A1 |
|      |            | [13] | A            |

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|------|-----------|------|--------------|
| [51] | A44C 5/04 | [11] | 40086054     |
|      | A44C 5/08 |      | EP4154752 A1 |
|      |           | [13] | A            |

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|------|-----------|------|--------------|
| [51] | A44C 5/08 | [11] | 40086054     |
|      | A44C 5/10 |      | EP4154752 A1 |
|      | A44C 5/24 |      |              |
|      | A44C 5/04 |      |              |
|      |           | [13] | A            |

[25] EN

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|------|---------------|------|------------|
| [21] | 42023075056.4 | [22] | 28.06.2023 |
|------|---------------|------|------------|

[54] EXTENDABLE COMFORT LINK  
可延伸的舒適連桿

[71] Roventa-Henex SA  
Rue H.-F. Sandoz 62, 2710 Tavannes  
SWITZERLAND

[72] VENTURA, Sergio  
Mavilla, Alain  
Biard, Jérôme

[74] HK PAT IP LIMITED  
Flat C, 10/F., Wing Tat Commercial Building  
121-125 Wing Lok Street, Sheung Wan  
HONG KONG

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| [51] | A44C 5/10 | [11] | 40086054     |
|      | A44C 5/08 |      | EP4154752 A1 |
|      |           | [13] | A            |

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| [51] | A44C 5/24 | [11] | 40086054     |
|      | A44C 5/08 |      | EP4154752 A1 |
|      |           | [13] | A            |

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| [51] | A44C 7/00  | [11] | 40086349     |
|      | A44C 15/00 |      | EP4195974 A1 |
|      |            | [13] | A            |

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| [51] | A45B 25/00 | [11] | 40086300 |
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CN116033847 A

[13] A

[25] DE

[21] 62023074962.9

[22] 27.06.2023

[86] 09.07.2021 PCT/EP2021/069152

[87] 20.01.2022 WO2022/013091

[30] 16.07.2020 DE,102020118800.5

[54] POLE FOOT ANCHORING MEANS

支柱腳錨固部

[71] Knirps International GmbH

克纳波斯国际有限公司

SCHLOSSSTRASSE 24

5280 BRAUNAU-RANSHOFEN

AUSTRIA

[72] FORTHUBER, Herbert H·福特胡贝尔

BALLENDAT, Martin M·巴伦达

ESCHETSHUBER, Franziska F·埃舍特舒伯

[74] NTD PATENT &amp; TRADE MARK AGENCY LIMITED

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No. 1 Science Museum Road, Tsimshatsui East, Kowloon

HONG KONG

[51] A47K 1/02

[11] 40086053

A61J 1/22

GB2608198 A

G01F 19/00

[13] A

[25] EN

[21] 42023075046.5

[22] 28.06.2023

[54] WASH BOWL ASSEMBLY

洗滌盆組件

[71] Vernacare Limited

Matrix Park, 1 Western Avenue, Buckshaw Village, Chorley,

Lancashire, PR7 7NB

UNITED KINGDOM

[72] MATTHEW MILLER

[74] CHINAHONGKONG IP LIMITED

1502, 15/F, Capital Centre

151 Gloucester Road, Wanchai

HONG KONG

[51] A47L 11/24

[11] 40086121

A47L 11/40

CN115553659 A

[13] A

[25] ZH

[21] 42023075376.6

[22] 03.07.2023

- [54] SIDE BRUSH DEVICE AND CLEANING APPARATUS  
一種邊刷裝置及清潔設備
- [71] GUANGDONG BRIGHT DREAM ROBOTICS CO . , LTD.  
广东博智林机器人有限公司  
中國  
528000 广东省佛山市顺德区北滘镇碧桂园社区泮浦路 1 号 A1 栋 2 楼 A2-05
- [72] 葛敏  
刘浩然  
曾田
- [74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室
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- [51] A47L 11/40 [11] 40086121  
A47L 11/24 CN115553659 A  
[13] A
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- [51] A61B 1/00 [11] 40086279  
A61M 16/04 EP4114488 A1  
[13] A
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- [51] A61B 1/00 [11] 40086334  
CN116261418 A  
[13] A

[25] JA

[21] 62023075264.9 [22] 30.06.2023

[86] 25.11.2021 PCT/JP2021/043293

[87] 02.06.2022 WO2022/114088

[30] 25.11.2020 JP,2020-195447

[54] PROGRAM FOR INDICATING HUNNER LESIONS, TRAINED MODEL, AND  
METHOD FOR GENERATING SAME  
用於指示洪納病變的程序、已學習模型及其生成方法

[71] TOMO CO., LTD.  
株式会社朋  
599 BANO-CHO, ANEKOJI-SAGARU, KARASUMA-DORI, NAKAGYO-KU,  
KYOTO-SHI, KYOTO 6048172  
JAPAN

[72] UEDA TOMOHIRO 上田朋宏  
GRUSHNIKOV ANDREY A·格鲁什尼科夫

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
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| [51] | A61B 1/05  | [11] | 40086279     |
|      | A61M 16/04 |      | EP4114488 A1 |
|      |            | [13] | A            |

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| [51] | A61B 1/267 | [11] | 40086279     |
|      | A61M 16/04 |      | EP4114488 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61B 1/31  | [11] | 40086118      |
|      | A61B 34/00 |      | CN115568813 A |
|      | A61B 46/10 |      |               |
|      | A61B 46/20 |      |               |
|      | A61B 46/00 |      |               |
|      | A61B 8/12  |      |               |
|      | A61F 5/37  |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42023075364.2 [22] 03.07.2023

[30] 10.08.2017 US, 62/543,893  
14.05.2018 US, 62/671,320

[54] SURGICAL DRAPE  
外科手術蓋布

[71] PROCEPT BioRobotics Corporation  
普罗赛普特生物机器人公司  
900 Island Drive, Ste. 210  
Redwood City, CA 94065  
UNITED STATES OF AMERICA

[72] Surag Mantri 苏拉格·曼特里  
Nikolai Aljuri 尼科莱·阿尔尤里  
Matt Sprinkel 刘立麦  
James Badia 詹姆斯·巴迪亚  
Nishey Wanchoo 尼谢伊·万初  
Mark Baerenrodt M·贝伦罗特  
Kevin Staid 凯文·斯泰德

[74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG

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| [51] | A61B 17/00 | [11] | 40086249     |
|      | A61B 17/16 |      | EP4135602 A1 |
|      |            | [13] | A            |

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| [51] | A61B 17/12                                                  | [11] | 40086117     |
|      | A61B 90/00                                                  |      | EP4119066 A1 |
|      |                                                             | [13] | A            |
| [25] | EN                                                          |      |              |
| [21] | 42023075361.8                                               | [22] | 03.07.2023   |
| [30] | 17.08.2017 US,201762546809 P                                |      |              |
| [54] | FLOW ATTENUATION DEVICE                                     |      |              |
|      | 流動衰减裝置                                                      |      |              |
| [71] | Arisa Medical, Inc.                                         |      |              |
|      | 39655 Eureka Drive                                          |      |              |
|      | Newark, CA 94560                                            |      |              |
|      | UNITED STATES OF AMERICA                                    |      |              |
| [72] | LE, Be Thi                                                  |      |              |
|      | CHO, Tae Hee                                                |      |              |
|      | VELASCO, Regina Coeli                                       |      |              |
|      | GARZA, Armando                                              |      |              |
| [74] | CHAN, TANG & KWOK                                           |      |              |
|      | Rooms 2503-4, 25/F, Shanghai Industrial Investment Building |      |              |
|      | 48-62 Hennessy Road, Wanchai                                |      |              |
|      | HONG KONG                                                   |      |              |

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|------|-------------------------------------------------------------|------|--------------|
| [51] | A61B 17/16                                                  | [11] | 40086249     |
|      | A61B 17/00                                                  |      | EP4135602 A1 |
|      | A61B 17/17                                                  |      |              |
|      | A61B 17/56                                                  |      |              |
|      |                                                             | [13] | A            |
| [25] | EN                                                          |      |              |
| [21] | 62023074804.3                                               | [22] | 21.06.2023   |
| [86] | 09.04.2021 PCT/US2021/026564                                |      |              |
| [87] | 21.10.2021 WO2021/211372                                    |      |              |
| [30] | 14.04.2020 US,63/009,576                                    |      |              |
| [54] | SYSTEMS, KITS, AND DEVICES FOR DRILLING ARTICULAR CARTILAGE |      |              |
|      | AND METHODS THEREOF                                         |      |              |
|      | 用於對關節軟骨進行鑽孔的系統、套件和裝置及其方法                                    |      |              |
| [71] | Epibone, Inc.                                               |      |              |
|      | 760 Parkside Avenue                                         |      |              |
|      | Brooklyn, NY 11226                                          |      |              |
|      | UNITED STATES OF AMERICA                                    |      |              |
| [72] | BHUMIRATANA, Sarindr                                        |      |              |
|      | YEAGER, Keith                                               |      |              |
|      | MCKELLAR, Brain                                             |      |              |
|      | HUANG, Angela                                               |      |              |
|      | JEFFRIES, Eric Meade                                        |      |              |
| [74] | MARKS & CLERK                                               |      |              |
|      | Level 9, Cyberport 1                                        |      |              |

100 Cyberport Road, Pok Fu Lam  
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| [51] | A61B 17/17 | [11] | 40086249     |
|      | A61B 17/16 |      | EP4135602 A1 |
|      |            | [13] | A            |

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| [51] | A61B 17/32 | [11] | 40086236     |
|      | A61F 2/24  |      | EP4103108 A2 |
|      |            | [13] | A            |

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| [51] | A61B 17/34                                                                     | [11] | 40086223     |
|      | A61M 5/32                                                                      |      | EP4110206 A1 |
|      | A61M 5/42                                                                      |      |              |
|      | A61M 5/46                                                                      |      |              |
|      |                                                                                | [13] | A            |
| [25] | EN                                                                             |      |              |
| [21] | 62023074652.6                                                                  | [22] | 19.06.2023   |
| [86] | 26.02.2020 PCT/US2020/019922                                                   |      |              |
| [87] | 02.09.2021 WO2021/173134                                                       |      |              |
| [54] | APPARATUS AND METHODS FOR INTRAOSSEOUS DEVICE STABILIZATION AND FLUID TRANSFER |      |              |
|      | 用於骨內裝置穩定和流體轉移的設備和方法                                                            |      |              |
| [71] | The Seaberg Company, Inc.                                                      |      |              |
|      | 12200 SW Tualatin Rd., Suite 200, Tualatin, OR 97062                           |      |              |
|      | UNITED STATES OF AMERICA                                                       |      |              |
| [72] | HOPMAN, Lance                                                                  |      |              |
|      | SIMS, Richard                                                                  |      |              |
|      | MCGOWAN, Travis                                                                |      |              |
| [74] | KING & WOOD MALLESONS IP LIMITED                                               |      |              |
|      | Level 11, Admiralty Center Tower 2                                             |      |              |
|      | 18 Harcourt Road, Admiralty                                                    |      |              |
|      | HONG KONG                                                                      |      |              |

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| [51] | A61B 17/34                   | [11] | 40086305      |
|      |                              |      | CN115867215 A |
|      |                              | [13] | A             |
| [25] | EN                           |      |               |
| [21] | 62023074970.2                | [22] | 27.06.2023    |
| [86] | 22.03.2021 PCT/US2021/023537 |      |               |
| [87] | 30.09.2021 WO2021/194998     |      |               |
| [30] | 23.03.2020 US,16/827,137     |      |               |

[54] VACUUM DRIVEN IMPLANTATION DEVICE  
真空驅動的植入裝置

[71] PASCAL BOUDJEMA

帕斯卡尔·布杰马

69 RUE DE LA TOUR, F-75116 PARIS

FRANCE

WILLIAM R. RASSMAN

威廉·R·拉斯曼

11620 WILSHIRE BLVD., #280, LOS ANGELES, CA 90025

UNITED STATES OF AMERICA

[72] BOUDJEMA, PASCAL 帕斯卡尔·布杰马

RASSMAN, WILLIAM, R. 威廉·R·拉斯曼

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED

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| [51] | A61B 17/56 | [11] | 40086249     |
|      | A61B 17/16 |      | EP4135602 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61B 34/00 | [11] | 40086118      |
|      | A61B 1/31  |      | CN115568813 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61B 34/30 | [11] | 40086266     |
|      |            |      | EP4186457 A1 |
|      |            | [13] | A            |

[25] ZH

[21] 62023074842.3 [22] 23.06.2023

[86] 23.07.2021 PCT/CN2021/108045

[87] 27.01.2022 WO2022/017485

[30] 23.07.2020 CN,202010714728.6

[54] Robotic Arm Control Method and Skin Surface Treatment Device  
機械臂控制方法和皮膚表面處理設備

[71] Lin, Chun Man Anthony

连俊文

Room 2B, Carson Mansion, 61-63 Kimberley Road, Tsim Sha Tsui,

Kowloon

HONG KONG

[72] Lin, Chun Man Anthony 连俊文

Lee, Chi Kit Curie 李志傑

Dominguez, Domingo Gomez 多明戈·戈麦斯·多明戈斯

[74] BENNY KONG & TSAI  
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[51] A61B 46/00 [11] 40086118  
A61B 1/31 CN115568813 A  
[13] A

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[51] A61B 46/10 [11] 40086118  
A61B 1/31 CN115568813 A  
[13] A

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[51] A61B 46/20 [11] 40086118  
A61B 1/31 CN115568813 A  
[13] A

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[51] A61B 5/02 [11] 40086271  
EP4106620 A1  
[13] A

[25] EN

[21] 62023074847.2 [22] 23.06.2023

[86] 17.02.2021 PCT/US2021/018387

[87] 26.08.2021 WO2021/167983

[30] 17.02.2020 US, 62/977,633

22.01.2021 US, 63/140,760

[54] VASCULAR SENSING SYSTEM

血管感測系統

[71] Canary Medical Switzerland AG

Grabenstrasse 25

6340 Baar

SWITZERLAND

[72] ADLER, Mark A.

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED

5001 Hopewell Centre

183 Queen's Road East, Wan Chai

HONG KONG

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[51] A61B 50/30 [11] 40086321  
A61M 25/00 EP4114493 A1  
[13] A

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[51] A61B 8/08 [11] 40086069  
G01S 7/52 EP4173572 A1  
G01S 15/10  
G01S 15/89  
[13] A

[25] EN

[21] 42023075108.3 [22] 29.06.2023

[54] METHOD AND SYSTEM FOR DETERMINING A PHYSICAL CHARACTERISTIC  
OF A MEDIUM  
用於確定介質的物理特徵的方法和系統

[71] SuperSonic Imagine  
135 Rue Emilien Gautier  
Bâtiment C  
13290 Aix en Provence  
FRANCE

[72] Lambert, William

[74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
HONG KONG

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[51] A61B 8/12 [11] 40086118  
A61B 1/31 CN115568813 A  
[13] A

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[51] A61D 19/00 [11] 40086380  
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[13] A

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[51] A61F 2/00 [11] 40086035  
A61F 2/24 CN115553970 A  
[13] A

[25] ZH

[21] 42023074359.3 [22] 12.06.2023

[30] 02.09.2015 US, 62/213, 536  
29.08.2016 US, 15/250, 759

[54] METHOD AND SYSTEM FOR PACKAGING AND PREPARING A PROSTHETIC  
HEART VALVE AND ASSOCIATED DELIVERY SYSTEM  
用於包裝和製備假體心臟瓣膜和相關聯的遞送系統的方法和系統

[71] Edwards Lifesciences Corporation  
爱德华兹生命科学公司  
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UNITED STATES OF AMERICA

[72] RAJPARA, Vipul, P. V·P·罗杰帕罗  
PATEL, Darshin, S. D·S·帕特尔  
BIALAS, Michael, R. M·R·比亚拉斯  
LOWRY, Brian, R. B·R·劳里  
HUNTON, Russ R·亨顿  
CHANG, Arvin, T. A·T·畅

[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.  
Flat B, 38/F, South Tower 3, Phase 2, Residence Bal-Air  
HONG KONG

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|      |            | [13] | A            |

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| [51] | A61F 2/24 | [11] | 40086035      |
|      | A61F 2/00 |      | CN115553970 A |
|      |           | [13] | A             |

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| [51] | A61F 2/24  | [11] | 40086236     |
|      | A61B 17/32 |      | EP4103108 A2 |
|      |            | [13] | A            |

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[21] 62023074763.1 [22] 20.06.2023

[86] 17.03.2021 PCT/US2021/022664

[87] 23.09.2021 WO2021/188609

[30] 17.03.2020 US,202062990734 P

28.05.2020 US,202063031519 P

[54] MODIFICATION OF EXISTING VALVULAR STRUCTURES FOR PROSTHETIC  
HEART VALVE IMPLANTATION  
針對假體心臟瓣膜植入對現有瓣膜結構的修改

[71] Edwards Lifesciences Corporation  
One Edwards Way  
Irvine, CA 92614-5688  
UNITED STATES OF AMERICA

[72] TAMIR, Ilan  
MAIMON, David  
COHEN-TZEMACH, Hanoch

ALON, Adva  
KERET, Amir  
LEIBA, Eyal  
MANASH, Boaz  
CHOW, Sean  
YOHANAN, Ziv  
ZARNEGER, Shay

[74] GLOBAL ZEN IP SERVICES LIMITED  
Room 1707, 17th Floor Beverly House  
93-107 Lockhart Road, Wanchai  
HONG KONG

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A61M 25/00 EP4114310 A1  
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[21] 62023074961.1 [22] 27.06.2023

[86] 04.03.2021 PCT/US2021/020822

[87] 10.09.2021 WO2021/178634

[30] 06.03.2020 US,62/986,570

[54] DELIVERY APPARATUS HAVING NOSECONE WITH A BALL JOINT  
具有帶球接頭的鼻錐的遞送設備

[71] Edwards Lifesciences Corporation  
One Edwards Way, Irvine, CA 92614  
UNITED STATES OF AMERICA

[72] GOLDBERT, Eran

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG

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[51] A61F 2/24 [11] 40086368  
CN115666448 A  
[13] A

[25] DE

[21] 62023075410.8 [22] 04.07.2023

[86] 18.05.2021 PCT/DE2021/100441

[87] 25.11.2021 WO2021/233502

[30] 19.05.2020 DE,102020113585.8

[54] ARRANGEMENT OF A MINIMALLY-INVASIVE IMPLANTABLE CLOSING  
DEVICE AND A MINIMALLY-INVASIVE IMPLANTABLE TRICUSPID VALVE  
PROSTHESIS IN THE SUPERIOR OR INFERIOR VENA CAVA OF A HUMAN  
BODY  
微創可植入式閉合裝置在人體上腔靜脈或下腔靜脈中的裝配，及微創可植入式三尖  
瓣瓣膜假體

- [71] IMMANUEL ALBERTINEN DIAKONIE GGMBH  
伊曼纽尔阿尔伯特宁迪亚科尼有限公司  
Süntelstraße 11A  
22457 Hamburg  
GERMANY
- [72] BUTTER, Christian 克里斯汀·巴特
- [74] HONG KONG INTELLECTUAL PROPERTY AGENT LIMITED  
Unit 230, 2/F, Building 12W, No. 12 Science Park West Avenue  
Phase 3, Hong Kong Science Park, Pak Shek Kok, N.T.  
HONG KONG

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- [51] A61F 2/95 [11] 40086285  
A61F 2/962 EP4110239 A1  
A61F 2/966  
A61M 25/00
- [13] A
- [25] EN
- [21] 62023074871.2 [22] 25.06.2023
- [86] 25.02.2021 PCT/US2021/019514
- [87] 02.09.2021 WO2021/173745
- [30] 27.02.2020 US,62/982,253  
03.11.2020 US,63/109,171
- [54] EXPANDABLE SHEATH FOR INTRODUCING AN ENDOVASCULAR DELIVERY  
DEVICE IN TO A BODY  
用於將血管內遞送裝置導入體內的可擴張鞘管
- [71] Edwards Lifesciences Corporation  
One Edwards Way, Irvine, CA 92614  
UNITED STATES OF AMERICA
- [72] TRAN, Sonny  
LEE, Jeong, Soo  
SALEH, Nasser, William  
TAMIR, Ilan  
SCHERB, Daniel, J.  
FINE, Maxwell, Harrison  
GOWDAR, Alpana, Kiran  
TRAN, Tri, D.  
AVERY, Neal, H.  
GHANBARI, Sarah  
TRINH, Uy, D.  
MAK, Sovanpheap  
BULMAN, Erik  
MERCADO, Raymond
- [74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG
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| [51] | A61F 2/962 | [11] | 40086285     |
|      | A61F 2/95  |      | EP4110239 A1 |
|      |            | [13] | A            |

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| [51] | A61F 2/966 | [11] | 40086285     |
|      | A61F 2/95  |      | EP4110239 A1 |
|      |            | [13] | A            |

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| [51] | A61F 5/37 | [11] | 40086118      |
|      | A61B 1/31 |      | CN115568813 A |
|      |           | [13] | A             |

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| [51] | A61F 5/455 | [11] | 40086130    |
|      | A61F 6/08  |      | GB2608573 A |
|      |            | [13] | A           |

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| [21] | 42023075432.7 | [22] | 04.07.2023 |
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[54] A DEVICE FOR INSERTION INTO A VAGINA  
一種插入陰道的裝置

[71] JOHANNES C BASSON  
4 Chinnery Close  
ENFIELD, Middlesex  
EN1 4AX  
UNITED KINGDOM

[72] JOHANNES C BASSON

[74] LETTERS & THOO LIMITED  
Suite 1001-1003, 10/F, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

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|      | A61F 5/455 |      | GB2608573 A |
|      |            | [13] | A           |

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| [51] | A61F 7/08 | [11] | 40086061     |
|      | A61N 5/06 |      | EP4137202 A1 |
|      |           | [13] | A            |

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| [51] | A61F 9/00 | [11] | 40086325     |
|      | A61M 5/46 |      | EP4196060 A1 |

[13] A

[25] EN

[21] 62023075010.6 [22] 28.06.2023

[86] 11.08.2021 PCT/US2021/071164

[87] 17.02.2022 WO2022/036367

[30] 12.08.2020 US,US202063064658P

[54] SYSTEMS AND METHODS FOR DRUG DELIVERY TO OCULAR TISSUE  
用於向眼部組織輸送藥物的系統和方法[71] Regeneron Pharmaceuticals, Inc.  
777 Old Saw Mill River Road  
Tarrytown, NY 10591  
UNITED STATES OF AMERICA[72] GRYGUS, Bryan  
PAUSLEY, Matthew  
DeRIDDER, Megan  
WAECHTER, Paige  
SINGH, Prithvi  
KENYON, Ross  
ULLA, Sibgat  
LANGLEY, Trevor  
IGLESIAS, Bibiana[74] EMILY YIP & CO LIMITED  
1st Floor, Kingsfield Centre  
18 Shell Street, Fortress Hill  
HONG KONG[51] A61J 1/03 [11] 40086303  
A61K 31/167 EP4110261 A1  
A61K 31/197  
A61P 29/00  
B65D 75/36  
B65D 83/04

[13] A

[25] EN

[21] 62023074967.8 [22] 27.06.2023

[86] 23.02.2021 PCT/US2021/019283

[87] 02.09.2021 WO2021/173584

[30] 24.02.2020 US,62/980,935

11.06.2020 US,16/899,465

[54] MULTIDRUG PAIN MANAGEMENT PACKAGE  
多藥物疼痛管理包[71] Algia Pharma, LLC  
1200 S. Rogers Circle, Suite 4  
Boca Ration, FL 33487  
UNITED STATES OF AMERICA

[72] LOSKOVE, Joseph  
THOMPSON, Hannah  
STEINBERG, David, L.

[74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG

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| [51] | A61J 1/22 | [11] | 40086053    |
|      | A47K 1/02 |      | GB2608198 A |
|      |           | [13] | A           |

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|------|-------------|------|---------------|
| [51] | A61J 3/00   | [11] | 40086037      |
|      | A61J 3/10   |      | CN116172869 A |
|      | A61K 9/20   |      |               |
|      | A61K 9/28   |      |               |
|      | A61K 47/38  |      |               |
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|      |             | [13] | A             |

[25] ZH

[21] 42023074384.1 [22] 12.06.2023

[30] 10.08.2016 US, 62/373,252

[54] PHARMACEUTICAL COMPOSITIONS COMPRISING AKT PROTEIN KINASE  
INHIBITORS

包含 AKT 蛋白激酶抑制劑的藥物組合物

[71] F. HOFFMANN-LA ROCHE AG  
豪夫迈·罗氏有限公司  
Grenzacherstrasse 124, 4070 Basel  
SWITZERLAND  
瑞士  
巴塞尔

[72] R·伦茨  
P·赫德伯  
A·赫尔  
P·斯蒂德  
M·温德里奇  
M·佩佩尔尼亚克  
F·高塞林  
E·约斯特

[74] 中港知識產權有限公司

香港

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| [51] | A61J 3/10 | [11] | 40086037      |
|      | A61J 3/00 |      | CN116172869 A |
|      |           | [13] | A             |

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| [51] | A61K 31/00 | [11] | 40086227      |
|      | A61K 36/21 |      | CN115515614 A |
|      |            | [13] | A             |

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| [51] | A61K 31/122 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/133  | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/138 | [11] | 40086375     |
|      | A61K 9/06   |      | EP4192430 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/155 | [11] | 40086284     |
|      | A61K 36/38  |      | EP4125982 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/16  | [11] | 40086262     |
|      | C07D 401/12 |      | EP4114375 A1 |
|      | C07C 211/55 |      |              |
|      | A61P 35/00  |      |              |
|      |             | [13] | A            |

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[21] 62023074838.1 [22] 23.06.2023

[86] 02.03.2021 PCT/CN2021/078601

[87] 10.09.2021 WO2021/175200

[30] 02.03.2020 CN, PCT/CN2020/077408

[54] FERROPTOSIS INHIBITORS-DIARYLAMINE PARA-ACETAMIDES  
鐵死亡抑制劑-二芳基胺對乙醯胺類

[71] Sironax Ltd.  
Sertus Chambers, Governors Square, Suite 5-204  
23 Lime Tree Bay Avenue  
P.O. Box 2547  
Grand Cayman, KY1-1104  
CAYMAN ISLANDS

[72] ZHANG, Zhiyuan  
HAN, Jianguang

[74] MARKS & CLERK  
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[51] A61K 31/165 [11] 40086208  
A61K 9/70 EP4125841 A1  
A61P 25/02

[13] A

[25] EN

[21] 62023074489.3 [22] 14.06.2023

[86] 06.04.2021 PCT/EP2021/058837

[87] 07.10.2021 WO2021/198524

[30] 03.04.2020 US,20167983.4  
06.05.2020 US,20173155.1

[54] REGIMEN FOR REPEATED TOPICAL APPLICATION OF CAPSAICIN PATCH  
辣椒素貼劑的重複局部敷用的方案

[71] Grünenthal GmbH  
Zieglerstrasse 6  
52078 Aachen  
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[72] EERDEKENS, Marielle  
ENGELLEN, Sylvia

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
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[51] A61K 31/167 [11] 40086303  
A61J 1/03 EP4110261 A1

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[51] A61K 31/19 [11] 40086166  
A61K 31/616 CN115581691 A  
A61K 31/4365

A61K 31/519

A61P 9/10

A61P 9/14

A61P 7/02

[13] A

[25] ZH

[21] 42023075576.1 [22] 07.07.2023

[30] 08.10.2014 GB,1417828.9

[54] MEDICAL APPLICATION OF VALPROIC ACID

丙戊酸的醫療用途

[71] CERENO SCIENTIFIC AB

ERIK DAHLBERGSGATAN 11A

SE- 411 26 GÖTEBORG

SWEDEN

[72] SVERKER JERN

JONAS FAIJERSON SAELJOE

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

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HONG KONG

[51] A61K 31/197

A61K 35/741

[11] 40086072

EP4112064 A1

[13] A

[51] A61K 31/197

A61K 31/4188

A61K 31/4415

A61K 31/455

A61K 31/51

A61K 31/519

A61K 31/525

A61K 31/714

A61P 27/02

A61P 27/12

[11] 40086275

CN115515574 A

[13] A

[25] EN

[21] 62023074856.3 [22] 23.06.2023

[86] 10.03.2021 PCT/IB2021/052005

[87] 16.09.2021 WO2021/181309

[30] 11.03.2020 US,62/988,375

29.06.2020 US,63/045,585

[54] COMPOSITIONS AND METHODS FOR AGE RELATED EYE DISEASES

COMPRISING HIGH CONCENTRATIONS OF VITAMINS

用於年齡相關性眼病的包含高濃度維生素的組合物和方法

- [71] Bausch + Lomb Ireland Limited  
博士倫愛爾蘭有限公司  
3013 Lake Drive, City west Business Campus, Dublin 24  
IRELAND
- [72] STEIN, Daniel J. D·J·斯坦  
DIVITO, Melinda M·迪維托  
HOSTEN, Lester L·霍斯坦
- [74] LIU, SHEN & ASSOCIATES  
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HONG KONG
- 

- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/197 | [11] | 40086303     |
|      | A61J 1/03   |      | EP4110261 A1 |
|      |             | [13] | A            |
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| [51] | A61K 31/198 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |
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| [51] | A61K 31/198 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |
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| [51] | A61K 31/202 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |
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| [51] | A61K 31/223 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |
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| [51] | A61K 31/275 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |
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| [51] | A61K 31/277 | [11] | 40086027     |
|      | A61P 7/02   |      | EP4134131 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/282 | [11] | 40086039     |
|      | A61K 47/59  |      | EP4101471 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/337 | [11] | 40086375     |
|      | A61K 9/06   |      | EP4192430 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/353 | [11] | 40086209      |
|      | A61P 25/28  |      | CN115515682 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 31/366 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/375 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/395  | [11] | 40086396     |
|      | A61K 31/4015 |      | EP4121043 A1 |
|      | A61K 31/404  |      |              |
|      | C07D 209/12  |      |              |
|      | C07D 403/00  |      |              |
|      | C07D 403/14  |      |              |
|      |              | [13] | A            |

[25] EN

[21] 62023074331.7 [22] 09.06.2023

[86] 19.03.2021 PCT/US2021/023233

[87] 23.09.2021 WO2021/188948

[30] 19.03.2020 US, 62/991,763  
09.12.2020 US, 63/123,315

[54] MDM2 DEGRADERS AND USES THEREOF  
MDM2 降解劑及其用途

[71] Kymera Therapeutics, Inc.  
200 Arsenal Yards Blvd., Suite 230  
Watertown, Massachusetts 02472  
UNITED STATES OF AMERICA

[72]    JI, Nan  
         WEISS, Matthew M.  
         ZHENG, Xiaozhang  
         ZHU, Xiao

[74]    MARKS & CLERK  
         Level 9, Cyberport 1  
         100 Cyberport Road, Pok Fu Lam  
         HONG KONG

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4015 | [11] | 40086396     |
|      | A61K 31/395  |      | EP4121043 A1 |
|      |              | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/403 | [11] | 40086149      |
|      | C07D 209/88 |      | CN116143683 A |
|      |             | [13] | A             |

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| [51] | A61K 31/404 | [11] | 40086396     |
|      | A61K 31/395 |      | EP4121043 A1 |
|      |             | [13] | A            |

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|      |              |      |              |
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| [51] | A61K 31/407  | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/416 | [11] | 40086216     |
|      | A61K 31/506 |      | EP4186508 A1 |
|      |             | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4168 | [11] | 40086336     |
|      | C07D 235/30  |      | EP4110764 A1 |
|      |              | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4188 | [11] | 40086275      |
|      | A61K 31/197  |      | CN115515574 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4188 | [11] | 40086328      |
|      | C07D 519/00  |      | CN115605488 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4196 | [11] | 40086116      |
|      | C07D 249/12  |      | CN115557907 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/42  | [11] | 40086224      |
|      | A61K 31/675 |      | CN115515599 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/422 | [11] | 40086116      |
|      | C07D 249/12 |      | CN115557907 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/422 | [11] | 40086224      |
|      | A61K 31/675 |      | CN115515599 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/427 | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/427 | [11] | 40086328      |
|      | C07D 519/00 |      | CN115605488 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4365 | [11] | 40086166      |
|      | A61K 31/19   |      | CN115581691 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/437 | [11] | 40086068     |
|      | C07D 471/04 |      | EP4112618 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/437 | [11] | 40086070      |
|      | C07D 471/04 |      | CN116120314 A |
|      |             | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4375 | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4375 | [11] | 40086352     |
|      | C07D 471/04  |      | EP4110779 A1 |
|      |              | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4375 | [11] | 40086375     |
|      | A61K 9/06    |      | EP4192430 A1 |
|      |              | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4409 | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4415 | [11] | 40086072     |
|      | A61K 35/741  |      | EP4112064 A1 |
|      |              | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4415 | [11] | 40086275      |
|      | A61K 31/197  |      | CN115515574 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4425 | [11] | 40086224      |
|      | A61K 31/675  |      | CN115515599 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4427 | [11] | 40086224      |
|      | A61K 31/675  |      | CN115515599 A |
|      |              | [13] | A             |

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[51] A61K 31/4439 [11] 40086116  
C07D 249/12 CN115557907 A  
[13] A

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[51] A61K 31/444 [11] 40086224  
A61K 31/675 CN115515599 A  
[13] A

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[51] A61K 31/445 [11] 40086290  
A61K 47/34 EP4125893 A1  
A61K 9/00  
[13] A

[25] EN

[21] 62023074880.3 [22] 25.06.2023

[86] 25.03.2021 PCT/US2021/024186

[87] 30.09.2021 WO2021/195401

[30] 25.03.2020 US,US202062994779P

29.03.2020 US,US202063001455P

23.07.2020 US,US202063055860P

[54] TECHNOLOGIES FOR PREVENTING OR TREATING INFECTIONS  
用於預防或治療感染的技術

[71] Biohaven Therapeutics Ltd.  
215 Church Street  
New Haven, CT 06510  
UNITED STATES OF AMERICA

[72] BAYDEN, Alexander Sergei  
BERBASOVA, Tetyana  
FISHER, Lawrence Emerson  
KAZMIERSKI, Wieslaw  
RASTELLI, Luca  
SAWYER, Tomi K.  
SPIEGEL, David Adam  
WIDDISON, Wayne Charles

[74] PATENT AND DESIGN LIMITED  
Room 259, 2/F., Beverley Commercial Centre  
87-105 Chatham Road South, Tsim Sha Tsui  
HONG KONG

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[51] A61K 31/445 [11] 40086374  
A61P 3/06 CN116322682 A  
[13] A

[25] EN

[21] 62023075421.5 [22] 04.07.2023

[86] 29.07.2021 PCT/US2021/043667

[87] 03.02.2022 WO2022/026684

- [30] 29.07.2020 US, 63/058,211
- [54] LOMITAPIDE FOR USE IN METHODS OF TREATING HYPERLIPIDEMIA AND  
HYPERCHOLESTEROLEMIA IN PEDIATRIC PATIENTS  
在治療兒科患者的高脂血症和高膽固醇血症的方法中使用的洛美他派
- [71] AMRYT PHARMACEUTICALS INC.  
艾米琳制药有限责任公司  
160 Federal Street 21st Floor Boston, Massachusetts 02110  
UNITED STATES OF AMERICA  
美國  
马萨诸塞州
- [72] NALLEN, Ruth R·纳伦  
CUNNINGHAM, Tracy T·坎宁安  
SUMERAY, Mark M·萨姆瑞
- [74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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- |      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4458 | [11] | 40086366     |
|      | A61K 9/48    |      | EP4110304 A1 |
|      |              | [13] | A            |
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|------|-------------|------|---------------|
| [51] | A61K 31/454 | [11] | 40086116      |
|      | C07D 249/12 |      | CN115557907 A |
|      |             | [13] | A             |
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|------|--------------|------|--------------|
| [51] | A61K 31/4545 | [11] | 40086366     |
|      | A61K 9/48    |      | EP4110304 A1 |
|      |              | [13] | A            |
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|------|-------------|------|--------------|
| [51] | A61K 31/455 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |
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|------|-------------|------|---------------|
| [51] | A61K 31/455 | [11] | 40086275      |
|      | A61K 31/197 |      | CN115515574 A |
|      |             | [13] | A             |
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|------|--------------|------|---------------|
| [51] | A61K 31/4709 | [11] | 40086116      |
|      | C07D 249/12  |      | CN115557907 A |

[13] A

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[51] A61K 31/4709 [11] 40086177  
A61K 31/7036 EP4122470 A1  
[13] A

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[51] A61K 31/495 [11] 40086245  
CN115996724 A  
[13] A

[25] EN

[21] 62023074778.9 [22] 21.06.2023

[86] 22.06.2021 PCT/IB2021/055508

[87] 30.12.2021 WO2021/260552

[30] 22.06.2020 US,16/908,195

[54] METHOD FOR TREATMENT OF PANCREATITIS  
胰腺炎的治療方法

[71] NOVOMETAPHARMA CO., LTD.  
诺麦塔制药有限公司  
13F, Trees Bldg., 727, Eonju-ro  
Gangnam-gu, Seoul 06050  
REPUBLIC OF KOREA

[72] LEE, Heon Jong H·J·李  
JUNG, Hoe Yune H·Y·郑  
LEE, In-Kyu I-K·李  
JEON, Jae-Han J-H·钱  
CHO, Sung Jin S·J·赵  
D·钱达

[74] MARKS & CLERK  
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HONG KONG

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[51] A61K 31/495 [11] 40086375  
A61K 9/06 EP4192430 A1  
[13] A

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[51] A61K 31/496 [11] 40086177  
A61K 31/7036 EP4122470 A1  
[13] A

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|      |                                                                                                                                       |      |                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 31/496<br>A61K 31/519<br>A61K 31/5355<br>A61P 35/00                                                                              | [11] | 40086219<br>EP4106760 A1 |
|      |                                                                                                                                       | [13] | A                        |
| [25] | EN                                                                                                                                    |      |                          |
| [21] | 62023074646.8                                                                                                                         | [22] | 17.06.2023               |
| [86] | 05.05.2021 PCT/US2021/030931                                                                                                          |      |                          |
| [87] | 11.11.2021 WO2021/226263                                                                                                              |      |                          |
| [30] | 07.05.2020 US,63/021,290                                                                                                              |      |                          |
| [54] | COMBINATIONS<br>組合                                                                                                                    |      |                          |
| [71] | Recurium IP Holdings, LLC<br>10275 Science Center Drive, Suite 200, San Diego, CA 92121<br>UNITED STATES OF AMERICA                   |      |                          |
| [72] | BUNKER, Kevin, Duane<br>SAMATAR, Ahmed, Abdi<br>IZADI, Hooman<br>DONATE, Fernando<br>HUANG, Peter, Qinhua<br>PINCHMAN, Joseph, Robert |      |                          |
| [74] | INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED<br>Unit 503, 5/F., Tower 2, Lippo Centre<br>89 Queensway, Admiralty<br>HONG KONG           |      |                          |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/496<br>C07D 471/04 | [11] | 40086319<br>EP4114835 A1 |
|      |                            | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 31/496<br>A61K 9/06 | [11] | 40086375<br>EP4192430 A1 |
|      |                          | [13] | A                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/497<br>C07D 403/12 | [11] | 40086113<br>EP4112615 A1 |
|      |                            | [13] | A                        |

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|      |                            |      |                           |
|------|----------------------------|------|---------------------------|
| [51] | A61K 31/505<br>C07D 401/04 | [11] | 40086197<br>CN115397818 A |
|      |                            | [13] | A                         |

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[51] A61K 31/506 [11] 40086116  
C07D 249/12 CN115557907 A  
[13] A

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[51] A61K 31/506 [11] 40086197  
C07D 401/04 CN115397818 A  
[13] A

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[51] A61K 31/506 [11] 40086216  
A61K 31/416 EP4186508 A1  
C07D 401/14  
C07D 401/02  
A61P 37/06  
A61P 37/00  
[13] A

[25] ZH

[21] 62023074572.6 [22] 15.06.2023

[86] 21.07.2021 PCT/CN2021/107575

[87] 27.01.2022 WO2022/017412

[30] 22.07.2020 CN,202010713637.0

[54] METHOD FOR TREATING GRAFT VERSUS HOST DISEASE CAUSED BY  
HEMATOPOIETIC STEM CELL TRANSPLANTATION  
治療造血幹細胞移植引起的移植物抗宿主病的方法

[71] Beijing Tide Pharmaceutical Co., Ltd.  
北京泰德製藥股份有限公司  
No.8 East Rongjing Street BDA  
Beijing 100176  
CHINA

[72] CHENG, Cheungling  
ZHAO, Yanping  
WANG, Hongjun  
ZHONG, Weiting  
LI, Jing  
ZHAO, Jing  
LIU, Weina

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F., Greenfield Tower, Concordia Plaza  
No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
HONG KONG

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[51] A61K 31/51 [11] 40086275  
A61K 31/197 CN115515574 A  
[13] A

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/513 | [11] | 40086194     |
|      | C07D 239/22 |      | EP4013742 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/517 | [11] | 40086037      |
|      | A61J 3/00   |      | CN116172869 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/519 | [11] | 40086122     |
|      | C07D 497/14 |      | EP4112623 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/519 | [11] | 40086166      |
|      | A61K 31/19  |      | CN115581691 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/519 | [11] | 40086209      |
|      | A61P 25/28  |      | CN115515682 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/519 | [11] | 40086219     |
|      | A61K 31/496 |      | EP4106760 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/519 | [11] | 40086275      |
|      | A61K 31/197 |      | CN115515574 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/519 | [11] | 40086375     |
|      | A61K 9/06   |      | EP4192430 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/52  | [11] | 40086068     |
|      | C07D 471/04 |      | EP4112618 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/525 | [11] | 40086275      |
|      | A61K 31/197 |      | CN115515574 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/529 | [11] | 40086364      |
|      | C07D 498/22 |      | CN115698020 A |
|      |             | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/5355 | [11] | 40086219     |
|      | A61K 31/496  |      | EP4106760 A1 |
|      |              | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/5377 | [11] | 40086027     |
|      | A61P 7/02    |      | EP4134131 A1 |
|      |              | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/5377 | [11] | 40086197      |
|      | C07D 401/04  |      | CN115397818 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/5377 | [11] | 40086344      |
|      |              |      | CN115867285 A |
|      |              | [13] | A             |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023075381.1 | [22] | 04.07.2023 |
|------|---------------|------|------------|

[86] 18.03.2021 PCT/EP2021/057025

[87] 23.09.2021 WO2021/186001

[30] 19.03.2020 US,62/991770

[54] DOSE TREATMENTS OF TAUOPATHIES

TAU 蛋白病的劑量治療

[71] AC IMMUNE SA

EPFL-PSE BUILDING B

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SWITZERLAND

[72] POLI, Sonia Maria

CAPOTOSTI, Francesca

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

22/F, Great Eagle Centre, 23 Harbour Road

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HONG KONG

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[51] A61K 31/5383 [11] 40086177  
A61K 31/7036 EP4122470 A1  
[13] A

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[51] A61K 31/541 [11] 40086278  
A61P 29/00 EP4132649 A1  
[13] A

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[51] A61K 31/546 [11] 40086177  
A61K 31/7036 EP4122470 A1  
[13] A

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[51] A61K 31/56 [11] 40086288  
A61K 9/107 CN116234554 A  
A61P 17/00  
A61P 17/10  
A61K 8/63  
A61Q 19/00  
A61K 36/324  
[13] A

[25] EN

[21] 62023074875.3 [22] 25.06.2023

[86] 18.11.2020 PCT/MY2020/000020

[87] 27.05.2022 WO2022/108439

[54] METHOD AND COMPOSITIONS FOR SKIN MICROBIOME NORMALIZATION IN  
SENSITIVE SKIN

用於敏感皮膚的皮膚微生物組正常化的方法和組合物

[71] WINNOX COSMECEUTICS SDN. BHD.

威诺药妆私人有限公司

No. 7, Persiaran Subang Permai, Taman Perindustrian Subang  
Subang Jaya, Selangor Darul Ehsan, 47610  
MALAYSIA

[72] LEE, Ka Heng 李家兴

CHONG, Kah Huong 张嘉虹

CHONG, Ursula Rho Wan 蒋若莞

TEAH, Yi Fan 张伊凡

NG, Khan Loon 黄康伦

NG, Yi Peng 黄依萍

CHIANG, Xin Yen 郑欣妍

TEE, Mei Leng 郑美玲

ABD AZIZ, Norsyariza 阿都阿兹·诺莎丽嘉

TOH, Mong Sah 杜梦莎

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
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HONG KONG

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[51] A61K 31/56 [11] 40086330  
A61K 31/568 EP4110345 A1  
A61K 31/575  
A61P 25/08

[13] A

[25] EN

[21] 62023075041.1 [22] 28.06.2023

[86] 01.03.2021 PCT/US2021/020308

[87] 02.09.2021 WO2021/174205

[30] 27.02.2020 US, 62/982,717

[54] PRODRUGS OF NEUROACTIVE STEROIDS

神經活性類固醇的前藥

[71] BRII BIOSCIENCES, INC.

WeWork One City Ctr., Unit 05-130, 110 Corcoran St.

Durham, North Carolina 27701

UNITED STATES OF AMERICA

[72] XU, Lianhong

[74] CHINAHONGKONG PATENT LIMITED

1502, 15/F, Capital Centre

151 Gloucester Road, Wanchai

HONG KONG

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[51] A61K 31/568 [11] 40086330  
A61K 31/56 EP4110345 A1

[13] A

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[51] A61K 31/575 [11] 40086330  
A61K 31/56 EP4110345 A1

[13] A

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[51] A61K 31/593 [11] 40086072  
A61K 35/741 EP4112064 A1

[13] A

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[51] A61K 31/616 [11] 40086166  
A61K 31/19 CN115581691 A

[13] A

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|------|--------------|------|--------------|
| [51] | A61K 31/65   | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/663 | [11] | 40086304     |
|      | C12N 5/0783 |      | EP4110901 A1 |
|      |             | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/675  | [11] | 40086224      |
|      | A61K 31/4425 |      | CN115515599 A |
|      | A61K 31/4427 |      |               |
|      | A61K 31/444  |      |               |
|      | A61P 31/00   |      |               |
|      | A61P 17/00   |      |               |
|      | A61K 31/42   |      |               |
|      | A61K 31/422  |      |               |
|      |              | [13] | A             |

[25] EN

[21] 62023074654.2 [22] 19.06.2023

[86] 02.03.2021 PCT/US2021/020471

[87] 10.09.2021 WO2021/178406

[30] 04.03.2020 US,62/985274

[54] USE OF COMPOUNDS IN THE TREATMENT OF FUNGAL INFECTIONS  
化合物在真菌感染的治療中的用途

[71] Amplyx Pharmaceuticals, Inc.  
235 EAST 42ND STREET, NEW YORK  
NEW YORK, 10017  
UNITED STATES OF AMERICA

[72] SHAW, Karen Joy  
HODGES, Michael

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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Wanchai  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/685 | [11] | 40086134      |
|      | A23L 33/10  |      | CN116268385 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/702 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |

[13] A

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[51] A61K 31/7036 [11] 40086177  
A61K 9/127 EP4122470 A1  
A61P 31/04  
A61K 31/407  
A61K 31/4375  
A61K 31/4409  
A61K 31/496  
A61K 31/5383  
A61K 31/546  
A61K 31/65  
A61K 31/7048  
A61K 31/7052  
A61K 9/00  
A61K 31/133  
A61K 31/4709

[13] A

[25] EN  
[21] 42023075756.9 [22] 10.07.2023  
[30] 15.05.2014 US,US201461993439P  
26.08.2014 US,US201462042126P  
09.09.2014 US,US201462048068P  
26.09.2014 US,US201462056296P  
[54] METHODS FOR TREATING PULMONARY NON-TUBERCULOUS MYCOBACTERIAL  
INFECTIONS  
治療肺部非結核分枝桿菌感染的方法  
[71] Insmmed Incorporated  
700 US Highway 202/206  
Bridgewater, NJ 08807-1704  
UNITED STATES OF AMERICA  
[72] EAGLE, Gina  
GUPTA, Renu  
[74] ROBIN BRIDGE & JOHN LIU  
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[51] A61K 31/704 [11] 40086039  
A61K 47/59 EP4101471 A1  
[13] A

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[51] A61K 31/704 [11] 40086375  
A61K 9/06 EP4192430 A1  
[13] A

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|------|--------------|------|--------------|
| [51] | A61K 31/7048 | [11] | 40086072     |
|      | A61K 35/741  |      | EP4112064 A1 |
|      |              | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/7048 | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/7052 | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/7088 | [11] | 40086309     |
|      | C12N 5/10    |      | EP4133059 A1 |
|      |              | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/7105 | [11] | 40086309     |
|      | C12N 5/10    |      | EP4133059 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/711 | [11] | 40086293     |
|      | A61K 45/06  |      | EP4110397 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/713 | [11] | 40086048      |
|      | C12N 15/113 |      | CN115572725 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 31/713 | [11] | 40086375     |
|      | A61K 9/06   |      | EP4192430 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/714 | [11] | 40086275      |
|      | A61K 31/197 |      | CN115515574 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 31/731 | [11] | 40086284     |
|      | A61K 36/38  |      | EP4125982 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/733 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 33/243 | [11] | 40086375     |
|      | A61K 9/06   |      | EP4192430 A1 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61K 33/38 | [11] | 40086332      |
|      | A61K 9/08  |      | CN115551482 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 35/00  | [11] | 40086346     |
|      | A61K 35/745 |      | EP4112065 A1 |
|      |             | [13] | A            |

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| [51] | A61K 35/02  | [11] | 40086220     |
|      | C07D 401/14 |      | EP4107152 A1 |
|      |             | [13] | A            |

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| [51] | A61K 35/12  | [11] | 40086196     |
|      | A61K 35/17  |      | EP4072567 A2 |
|      | C12N 5/0783 |      |              |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023071020.9 | [22] | 03.04.2023 |
|------|---------------|------|------------|

[86] 03.12.2020 PCT/US2020/063177

[87] 10.06.2021 WO2021/113558

[30] 03.12.2019 US,US201962943166P

[54] METHODS FOR EXPANDING GAMMA DELTA T-CELL POPULATIONS WITH  
MULTIVALENT AGENTS AND COMPOSITIONS THEREOF  
用多價藥劑及其組合物擴增  $\gamma\delta$  T 細胞群的方法

[71] Adicet Therapeutics, Inc.  
1000 Bridge Pkwy

Redwood City, CA 94065  
UNITED STATES OF AMERICA

- [72] JAKOBOVITS, Aya  
SATPAYEV, Daulet  
FOORD, Orit  
JING, Yifeng, Frank  
SHAO, Hui  
BHAT, Arun
- [74] EVOLUTION IP LIMITED  
UNIT C, 8/F, KING PALACE PLAZA,  
NO.55 KING YIP STREET, KWUN TONG, KOWLOON  
HONG KONG

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- [51] A61K 35/15 [11] 40086033  
C12N 5/0784 EP4159222 A1  
C12N 5/0786
- [13] A
- [25] EN
- [21] 42023074356.9 [22] 12.06.2023
- [30] 03.07.2015 US,201562188514 P  
28.07.2015 GB,201513278
- [54] DEVICE AND METHOD FOR OBTAINING IMMUNO-STIMULATORY ANTIGEN-  
PRESENTING CELLS  
用於獲得免疫刺激性抗原呈遞細胞的裝置和方法
- [71] Transimmune AG  
Königsallee 90  
40212 Düsseldorf  
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Yale University  
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UNITED STATES OF AMERICA

- [72] Bauer, Günter  
Edelson, Richard  
Henco, Karsten  
Duckworth, Justin
- [74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

- 
- [51] A61K 35/15 [11] 40086052  
A61K 39/00 CN115607659 A
- [13] A
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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 35/17 | [11] | 40086052      |
|      | A61K 39/00 |      | CN115607659 A |
|      |            | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 35/17  | [11] | 40086170     |
|      | C12N 5/0783 |      | EP4134430 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 35/17  | [11] | 40086176      |
|      | C12N 5/0783 |      | CN116376825 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 35/17 | [11] | 40086196     |
|      | A61K 35/12 |      | EP4072567 A2 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 35/17  | [11] | 40086304     |
|      | C12N 5/0783 |      | EP4110901 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 35/17 | [11] | 40086309     |
|      | C12N 5/10  |      | EP4133059 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 35/17  | [11] | 40086311     |
|      | C07K 14/725 |      | EP4110805 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 35/17 | [11] | 40086313     |
|      | C07K 16/28 |      | EP4194467 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 35/17  | [11] | 40086387     |
|      | C07K 14/435 |      | EP4204438 A1 |
|      |             | [13] | A            |

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[51] A61K 35/644 [11] 40086134  
A23L 33/10 CN116268385 A  
[13] A

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[51] A61K 35/74 [11] 40086386  
A61K 39/00 EP4115893 A1  
A61K 45/06  
A61P 35/00  
[13] A

[25] ZH

[21] 62023075738.2 [22] 10.07.2023

[86] 01.03.2021 PCT/CN2021/078434

[87] 02.09.2021 WO2021/170137

[30] 27.02.2020 CN,202010123922.7

[54] ANTI-TUMOR COMPOSITION

抗腫瘤組合物

[71] SPH SINE PHARMACEUTICAL LABORATORIES CO., LTD

上海上藥信誼藥廠有限公司

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[72] XU, Xiaofen 徐曉芬

YU, Hongjing 于鴻晶

LIANG, Xi 梁席

SUN, Ningyun 孫寧云

WEN, Bin 文彬

GAO, Yuan 高遠

[74] JUN HE LAW OFFICES

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1 Connaught Place, Central

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[51] A61K 35/741 [11] 40086072  
A61K 31/733 EP4112064 A1  
A61K 31/702  
A61K 31/198  
A61K 36/185  
A61K 36/15  
A61K 36/42  
A61K 31/122  
A61K 31/593  
A61K 35/747  
A61K 35/744  
A61K 31/7048  
A61K 31/366  
A61K 31/202

A61K 38/40  
A61K 31/455  
A61K 31/197  
A61K 31/4415  
A61K 36/81  
A61K 31/375

[13] A

[25] EN

[21] 42023075123.2 [22] 29.06.2023

[30] 28.06.2021 EP,21182180.6

[54] SKIN CARE NUTRACEUTICAL COMPOSITION

護膚營養品組合物

[71] ASC REGENITY Limited

Unit 2.02, 411-413

Oxford Street, London W1C 2PE

UNITED KINGDOM

[72] GIRI, Shibashish

[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.

Flat B, 38/F, South Tower 3

Phase 2, Residence Bal-Air

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[51] A61K 35/744

A61K 35/741

[11] 40086072

EP4112064 A1

[13] A

[51] A61K 35/745

A61K 45/06

A61K 35/00

[11] 40086346

EP4112065 A1

[13] A

[25] ZH

[21] 62023075383.7 [22] 04.07.2023

[86] 01.03.2021 PCT/CN2021/078437

[87] 02.09.2021 WO2021/170138

[30] 27.02.2020 CN,202010123739.7

[54] ANTI-TUMOR COMPOSITION

抗腫瘤組合物

[71] SPH SINE PHARMACEUTICAL LABORATORIES CO., LTD

上海上藥信誼藥廠有限公司

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[72] XU, Xiaofen 徐曉芬

SUN, Ningyun 孫寧云

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YU, Hongjing 于鴻晶

WEN, Bin 文彬

YIN, Peijun 尹培軍

[74] JUN HE LAW OFFICES  
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|------|-------------|------|--------------|
| [51] | A61K 35/747 | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 35/761 | [11] | 40086228      |
|      | A61K 38/47  |      | CN115515613 A |
|      | A61K 48/00  |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62023074658.3 [22] 19.06.2023

[86] 26.04.2021 PCT/US2021/029146

[87] 04.11.2021 WO2021/222094

[30] 27.04.2020 US,63/016207  
16.11.2020 US,63/114195

[54] CODON OPTIMIZED GLA GENES AND USES THEREOF  
密碼子優化的 GLA 基因及其用途

[71] 4D MOLECULAR THERAPEUTICS INC.  
5858 HORTON STREET  
SUITE 455, EMERYVILLE, CA 94608  
UNITED STATES OF AMERICA

[72] KIRN, David, H.  
KOTTERMAN, Melissa  
FRANCIS, Peter  
SCHAFFER, David  
SZYMANSKI, Paul  
WHITTLESEY, Kevin

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 36/15  | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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[51] A61K 36/185 [11] 40086072  
A61K 35/741 EP4112064 A1  
[13] A

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[51] A61K 36/21 [11] 40086227  
A61K 36/9062 CN115515614 A  
A61K 36/67  
A61K 36/575  
A61P 19/02  
A61K 31/00  
[13] A

[25] EN

[21] 62023074657.5 [22] 19.06.2023

[86] 07.02.2021 PCT/US2021/016981

[87] 12.08.2021 WO2021/159042

[30] 06.02.2020 US, 62/970792

[54] COMPOSITIONS COMPRISING EXTRACTS OF APLINIA AND OTHER PLANTS  
FOR IMPROVING JOINT HEALTH AND TREATING ARTHRITIS  
用於改進關節健康和治療關節炎的包含山薑屬和其它植物提取物的組合物

[71] UNIGEN, INC.  
2121 South State Street Tacoma  
Washington 98405  
UNITED STATES OF AMERICA

[72] YIMAM, Mesfin  
JIAO, Ping  
HORM, Teresa  
HONG, Mei  
O'NEAL, Alexandria  
JIA, Qi

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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Wanchai  
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[51] A61K 36/324 [11] 40086288  
A61K 31/56 CN116234554 A  
[13] A

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[51] A61K 36/38 [11] 40086284  
A61K 36/58 EP4125982 A1  
A61K 31/155  
A61K 31/731  
A61K 9/00  
A61K 9/10

A61P 31/00

A61P 31/14

[13] A

[25] EN

[21] 62023074870.4 [22] 23.06.2023

[86] 23.03.2021 PCT/IB2021/052408

[87] 30.09.2021 WO2021/191800

[30] 23.03.2020 US,62/993,201

23.03.2020 US,62/993,356

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01.04.2020 US,63/003,887

02.04.2020 US,63/004,467

18.06.2020 US,63/040,807

13.10.2020 US,63/091,177

[54] ANTIMICROBIAL SOLUTIONS AND METHODS OF USING THE SAME IN THE  
TREATMENT OR PREVENTION OF INFECTIONS

抗微生物溶液及用其治療或預防感染的方法

[71] Kerecis AG

Webereistrasse 61, 8134 Adliswil

SWITZERLAND

[72] SIGURJONSSON, Gudmundur Fertram

GISLADOTTIR, Dora Hlin

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE

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[51] A61K 36/42

A61K 35/741

[11] 40086072

EP4112064 A1

[13] A

[51] A61K 36/575

A61K 36/21

[11] 40086227

CN115515614 A

[13] A

[51] A61K 36/58

A61K 36/38

[11] 40086284

EP4125982 A1

[13] A

[51] A61K 36/67

A61K 36/21

[11] 40086227

CN115515614 A

[13] A

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| [51] | A61K 36/81  | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 36/8988 | [11] | 40086134      |
|      | A23L 33/10   |      | CN116268385 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | A61K 36/9062 | [11] | 40086227      |
|      | A61K 36/21   |      | CN115515614 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 38/00  | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 38/00  | [11] | 40086307     |
|      | C07K 14/605 |      | EP4132960 A2 |
|      |             | [13] | A            |

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| [51] | A61K 38/00 | [11] | 40086376     |
|      | A61K 38/16 |      | EP4125995 A1 |
|      |            | [13] | A            |

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| [51] | A61K 38/10 | [11] | 40086218     |
|      |            |      | EP4114431 A2 |
|      |            | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023074628.6 | [22] | 16.06.2023 |
|------|---------------|------|------------|

[86] 04.03.2021 PCT/US2021/020940

[87] 10.09.2021 WO2021/178714

[30] 04.03.2020 US, 62/985,100

[54] ANTIVIRAL STRUCTURALLY-STABILIZED SARS-COV-2 PEPTIDES AND  
USES THEREOF

抗病毒的結構上穩定的 SARS-COV-2 肽和其用途

[71] Dana-Farber Cancer Institute, Inc.

丹娜法伯癌症研究院

450 Brookline Avenue

Boston, Massachusetts 02215  
UNITED STATES OF AMERICA

[72] WALENSKY, Loren D. L·D·瓦伦斯基

BIRD, Gregory H. G·H·博德

[74] FEDERATION OF HONG KONG INDUSTRIES

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8 Cheung Yue Street, Cheung Sha Wan, Kowloon

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 38/16  | [11] | 40086315      |
|      | C12N 15/864 |      | CN115552021 A |
|      |             | [13] | A             |

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|      |                                                          |      |              |
|------|----------------------------------------------------------|------|--------------|
| [51] | A61K 38/16                                               | [11] | 40086376     |
|      | A61K 38/00                                               |      | EP4125995 A1 |
|      | A61L 27/52                                               |      |              |
|      | A61L 27/50                                               |      |              |
|      |                                                          | [13] | A            |
| [25] | EN                                                       |      |              |
| [21] | 62023075423.1                                            | [22] | 04.07.2023   |
| [86] | 30.03.2021 PCT/US2021/024954                             |      |              |
| [87] | 07.10.2021 WO2021/202577                                 |      |              |
| [30] | 31.03.2020 US,63/002,882                                 |      |              |
| [54] | STERILIZATION OF SELF-ASSEMBLING PEPTIDES BY IRRADIATION |      |              |
|      | 通過輻照對自組裝肽進行滅菌                                            |      |              |
| [71] | 3-D Matrix, Ltd.                                         |      |              |
|      | Kojimachi-HF Building                                    |      |              |
|      | 3-2-4-7F, Kojimachi                                      |      |              |
|      | Chiyoda-Ku, Tokyo, 102-0083                              |      |              |
|      | JAPAN                                                    |      |              |
| [72] | Marika, G. RIOULT                                        |      |              |
|      | Eun Seok GIL                                             |      |              |
|      | Elton ALEKSI                                             |      |              |
|      | Naoki YAMAMOTO                                           |      |              |
| [74] | Deacons                                                  |      |              |
|      | 5th Floor, Alexandra House                               |      |              |
|      | 18 Chater Road, Central                                  |      |              |
|      | HONG KONG                                                |      |              |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/17 | [11] | 40086215     |
|      | C12N 15/86 |      | EP4114958 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/17 | [11] | 40086281     |
|      | A61P 17/14 |      | EP4110461 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 38/17  | [11] | 40086315      |
|      | C12N 15/864 |      | CN115552021 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/17 | [11] | 40086370     |
|      | A61K 48/00 |      | EP4178603 A1 |
|      | A61P 9/06  |      |              |
|      | C12N 15/86 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023075416.5 [22] 04.07.2023

[86] 08.07.2021 PCT/US2021/040906

[87] 13.01.2022 WO2022/011151

[30] 08.07.2020 US, 63/049,398

[54] MYBPC3 POLYPEPTIDES AND USES THEREOF  
MYBPC3 多肽及其用途

[71] CHILDREN'S MEDICAL CENTER CORPORATION  
55 Shattuck Street, Boston, MA 02115  
UNITED STATES OF AMERICA

[72] PU, William, T.  
LU, Fujian  
BEZZERIDES, Vassilios

[74] KSK IP AGENCY LIMITED  
FLAT/RM 1602A, 16/F, CAUSEWAY BAY COMMERCIAL BLDG  
3 SUGAR STREET, CAUSEWAY BAY  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 38/18 | [11] | 40086042      |
|      | C07K 19/00 |      | CN115925979 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 38/26 | [11] | 40086042      |
|      | C07K 19/00 |      | CN115925979 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 38/26 | [11] | 40086213      |
|      | A61K 9/00  |      | CN115484929 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/31 | [11] | 40086375     |
|      | A61K 9/06  |      | EP4192430 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 38/40  | [11] | 40086072     |
|      | A61K 35/741 |      | EP4112064 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/44 | [11] | 40086293     |
|      | A61K 45/06 |      | EP4110397 A1 |
|      |            | [13] | A            |

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|      |             |      |             |
|------|-------------|------|-------------|
| [51] | A61K 38/46  | [11] | 40086190    |
|      | A61P 31/00  |      | GB2609346 A |
|      | A61P 31/04  |      |             |
|      | C12N 9/22   |      |             |
|      | C12N 15/113 |      |             |
|      |             | [13] | A           |

[25] EN

[21] 42023075992.0 [22] 29.09.2021

[30] 25.03.2018 GB,1804781  
28.04.2018 GB,1806976  
30.04.2018 US,15967484

[62] 29.09.2021 62021039784.5

[54] TREATING & PREVENTING MICROBIAL INFECTIONS  
治療和預防微生物感染

[71] SNIPR BIOME APS  
5th Floor, Lersø Parkallé 44  
Copenhagen, DK-2100  
DENMARK

[72] Morten Sommer  
Virginia Martinez  
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Jakob Krause Haaber  
Ana De Santiago Torio  
Christian Grøndahl  
Jasper Clube

[74] LAU, HORTON & WISE LLP  
8th Floor, Nexxus Building  
41 Connaught Road Central  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 38/46  | [11] | 40086212      |
|      | C07K 14/195 |      | CN115698041 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/46 | [11] | 40086309     |
|      | C12N 5/10  |      | EP4133059 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 38/47  | [11] | 40086228      |
|      | A61K 35/761 |      | CN115515613 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 38/47 | [11] | 40086339     |
|      | C12N 9/24  |      | EP4118200 A2 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 38/53  | [11] | 40086328      |
|      | C07D 519/00 |      | CN115605488 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 39/00  | [11] | 40086029      |
|      | C07K 14/725 |      | CN115960204 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/00 | [11] | 40086049     |
|      | C07K 16/18 |      | EP4119577 A2 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 39/00 | [11] | 40086052      |
|      | A61K 35/17 |      | CN115607659 A |
|      | A61K 35/15 |      |               |
|      | A61P 35/00 |      |               |
|      |            | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42023075043.2 | [22] | 28.06.2023 |
|------|---------------|------|------------|

[30] 13.03.2015 CN, PCT/CN2015/074227

[54] METHODS OF TREATING CANCER USING ACTIVATED T CELLS  
使用活化 T 細胞治療癌的方法

- [71] SYZ CELL THERAPY CO.  
深圳源正细胞医疗技术有限公司  
15th Floor, South Tower 1 Sonpingshan Rd, High-Tech Park  
North  
Nanshan Shenzhen, Guangdong 518057  
CHINA  
中國  
广东省深圳市南山区高新区北区松坪山路 1 号源兴科技大厦南座 15 层
- [72] X·周  
李进  
韩研妍  
邬冬云  
刘俊云  
陶然  
唐龙清
- [74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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- [51] A61K 39/00 [11] 40086229  
CN116234565 A  
[13] A
- [25] SP
- [21] 62023074659.1 [22] 19.06.2023
- [86] 19.07.2021 PCT/CU2021/050006
- [87] 03.02.2022 WO2022/022756
- [30] 30.07.2020 CU,CU-2020-0034
- [54] USE OF EPIDERMAL GROWTH FACTOR DEPLETING AGENTS IN THE  
TREATMENT OF THE CHRONIC OBSTRUCTIVE PULMONARY DISEASE  
表皮生長因子耗竭性試劑在治療慢性阻塞性肺疾病中的用途
- [71] CENTRO DE INMUNOLOGIA MOLECULAR  
分子免疫中心  
CALLE 216 Y 15, ATABEY, PLAYA, C.HABANA 11600  
CUBA
- [72] MACÍAS ABRAHAM, AMPARO EMILIA A·E·麦克亚斯亚伯拉罕  
CROMBET RAMOS, TANIA T·克罗姆贝特拉莫斯  
LEÓN MONZÓN, KALET K·里昂蒙松  
SAAVEDRA HERNÁNDEZ, DANAY D·萨韦德拉赫恩南德斯  
SANTOS MORALES, ORESTES O·桑托斯莫拉尔斯  
NENINGER VINAGERAS, ELIA E·纳宁格维娜格拉斯  
PINO ALFONSO, PEDRO PABLO P·P·皮诺阿方索  
HERNANDEZ REYES, JENYSBEL DE LA CARIDAD J·D·L·C·赫南德斯雷耶斯  
REID, MARY M·雷德  
LEE, KELVIN K·李

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

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[51] A61K 39/00 [11] 40086270  
C07K 14/18 EP4117720 A1  
C12N 15/86  
[13] A

[25] EN

[21] 62023074846.4 [22] 23.06.2023

[86] 09.03.2021 PCT/US2021/021573

[87] 16.09.2021 WO2021/183564

[30] 09.03.2020 US,62/987,191  
02.09.2020 US,63/073,900

[54] COMPOSITIONS AND METHODS FOR INDUCING IMMUNE RESPONSES  
用於誘導免疫反應的組合物和方法

[71] Arcturus Therapeutics, Inc.  
10628 Science Center Drive Suite 250  
San Diego, CA 92121  
UNITED STATES OF AMERICA

[72] SULLIVAN, Sean Michael  
MATSUDA, Daiki  
TACHIKAWA, Kiyoshi  
CHIVUKULA, Padmanabh  
KARMALI, Priya Prakash  
DAVIS, Jared Henry  
BAO, Yanjie

[74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG

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[51] A61K 39/00 [11] 40086292  
A61K 39/02 EP4132571 A1  
A61K 39/12  
[13] A

[25] EN

[21] 62023074886.0 [22] 26.06.2023

[86] 07.04.2021 PCT/US2021/026193

[87] 14.10.2021 WO2021/207367

[30] 07.04.2020 US,63/006,327  
17.11.2020 US,63/114,960

[54] RESPIRATORY TREATMENTS USING SALMONID OIL COMPOSITIONS  
使用鮭魚油組合物的呼吸治療

[71] Hofseth Biocare ASA  
Kipervikgata 13, 6003 Ålesund  
NORWAY

[72] FRAMROZE, Bomi

[74] UNITALEN ATTORNEYS AT LAW LIMITED  
RM 1201, 12/F, GOLDEN ERA PLAZA  
39-55 SAI YEE ST, MONGKOK KLN  
HONG KONG

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[51] A61K 39/00 [11] 40086302  
C07K 16/28 EP4106805 A1  
C07K 16/46

[13] A

[25] EN

[21] 62023074965.2 [22] 27.06.2023

[86] 20.02.2021 PCT/US2021/018939

[87] 26.08.2021 WO2021/168379

[30] 20.02.2020 US, 62/979,245

[54] BISPECIFIC GD2 AND B7H2 BINDING MOLECULES AND METHODS OF USE  
雙特異性 GD2 和 B7H2 結合分子及其使用方法

[71] Win Therapeutics, Inc.  
505 South Rosa Road Suite 235  
Madison, WI 53719  
UNITED STATES OF AMERICA

Invenra, Inc.  
505 S. Rosa Road  
Suite 235  
Madison, WI 53719  
UNITED STATES OF AMERICA

Wisconsin Alumni Research Foundation  
614 Walnut Street, 13th Floor  
Madison, WI 53726  
UNITED STATES OF AMERICA

[72] SONDEL, Paul  
GERHARDT, Daniel Justin

[74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

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[51] A61K 39/00 [11] 40086311  
C07K 14/725 EP4110805 A1  
[13] A

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[51] A61K 39/00 [11] 40086317  
C07K 16/30 EP4121459 A1  
[13] A

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[51] A61K 39/00 [11] 40086342  
C07K 16/28 EP4121457 A1  
[13] A

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[51] A61K 39/00 [11] 40086383  
A61P 37/04 EP4117719 A1  
C12N 15/113  
C12N 15/117  
[13] A

[25] EN

[21] 62023075434.8 [22] 04.07.2023

[86] 09.03.2021 PCT/US2021/021532

[87] 16.09.2021 WO2021/183533

[30] 09.03.2020 IN, IN202011010025  
19.12.2020 IN, IN202011055399

[54] ACTIVE BOOSTER IMMUNIZATION AGAINST TETANUS, DIPHTHERIA AND  
PERTUSSIS

針對破傷風、白喉和百日咳的主動加強免疫

[71] Dynavax Technologies Corporation  
2100 Powell Street, Suite 720  
Emeryville, CA 94608  
UNITED STATES OF AMERICA

Serum Institute of India Private Limited  
212/2, Off Soli Poonawalla Road  
Hadapsar  
Pune 411 028  
MAH  
INDIA

[72] CAMPBELL, John D.  
COFFMAN, Robert L.  
HYER, Randall N.  
JANSSEN, Robert S.  
NOVACK, David  
GOHLKE, Martin  
URBAN, Maureen  
GAIROLA, Sunil  
SHALIGRAM, Umesh  
GAUTUM, Manish  
RAO, Harish

[74] EVOLUTION IP LIMITED  
UNIT C, 8/F, KING PALACE PLAZA

NO.55 KING YIP STREET, KWUN TONG, KOWLOON  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/00 | [11] | 40086386     |
|      | A61K 35/74 |      | EP4115893 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/02 | [11] | 40086292     |
|      | A61K 39/00 |      | EP4132571 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 39/02 | [11] | 40086294      |
|      | C07K 14/20 |      | CN115698044 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 39/12 | [11] | 40086233      |
|      |            |      | CN116234566 A |
|      |            | [13] | A             |

[25] EN

[21] 62023074755.7 [22] 20.06.2023

[86] 23.03.2021 PCT/IB2021/052402

[87] 30.09.2021 WO2021/191796

[30] 24.03.2020 US, 62/994,057

[54] COMPOSITIONS AND VACCINES FOR TREATING AND/OR PREVENTING  
VIRAL INFECTIONS, INCLUDING CORONAVIRUS INFECTIONS, AND  
METHODS OF USING THE SAME

用於治療和/或預防包括冠狀病毒感染的病毒感染的組合物和疫苗及其使用方法

[71] ENGINEIC MOLECULAR DELIVERY PTY LTD

安吉尼科分子传输公司

Building 2, 25 Sirius Road Lane Cove West Sydney, New South  
Wales 2066

AUSTRALIA

澳大利亞

新南威尔士州

[72] BRAHMBHATT, Himanshu H·布拉姆巴特

MACDIARMID, Jennifer J·麦迪阿米德

[74] 中港知識產權有限公司

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灣仔告士打道 151 號資本中心 15 樓 1502 室

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[51] A61K 39/12 [11] 40086292  
A61K 39/00 EP4132571 A1  
[13] A

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[51] A61K 39/12 [11] 40086331  
A61P 31/14 CN115551548 A  
C07K 16/10  
[13] A

[25] EN

[21] 62023075260.7 [22] 30.06.2023

[86] 22.02.2021 PCT/US2021/019103

[87] 30.09.2021 WO2021/194672

[30] 23.03.2020 US, 62/993, 307

21.07.2020 US, 63/054, 754

[54] COMPOSITIONS AND METHODS FOR DELIVERY OF RNA  
用於 RNA 遞送的組合物和方法

[71] HDT BIO CORP.

赫德特生物公司

1616 Eastlake Avenus E, #280

Seattle, Washington 98102

UNITED STATES OF AMERICA

[72] KHANDHAR, Amit 阿米特·坎达尔

REED, Steven 史蒂文·里德

DUTHIE, Malcolm 马尔科姆·杜西

ERASMUS, Jesse 杰西·伊拉斯姆斯

CARTER, Darrick 达里克·卡特

BERUBE, Bryan J. 布莱恩·J·贝鲁布

[74] HNC INNOVATION LIMITED

Units 1205-1208, Cyberport 2

No. 100 Cyberport Road

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[51] A61K 39/215 [11] 40086268  
A61P 31/14 EP4117725 A1  
C07K 14/18  
C12N 7/01  
C12N 15/86

[13] A

[25] EN

[21] 62023074844.9 [22] 23.06.2023

[86] 09.03.2021 PCT/US2021/021572

[87] 16.09.2021 WO2021/183563

[30] 09.03.2020 US, 62/987, 191

02.09.2020 US, 63/073, 900

[54] CORONAVIRUS VACCINE COMPOSITIONS AND METHODS  
冠狀病毒疫苗組成物和方法

[71] Arcturus Therapeutics, Inc.  
10628 Science Center Drive Suite 250  
San Diego, CA 92121  
UNITED STATES OF AMERICA

Sullivan, Sean Michael  
10628 Science Center Drive Suite 250  
San Diego, California 92121  
UNITED STATES OF AMERICA

Matsuda, Daiki  
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San Diego, California 92121  
UNITED STATES OF AMERICA

Tachikawa, Kiyoshi  
10628 Science Center Drive Suite 250  
San Diego, California 92121  
UNITED STATES OF AMERICA

Chivukula, Padmanabh  
10628 Science Center Drive Suite 250  
San Diego, California 92121  
UNITED STATES OF AMERICA

Karmali, Priya Prakash  
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San Diego, California 92121  
UNITED STATES OF AMERICA

Davis, Jared Henry  
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San Diego, California 92121  
UNITED STATES OF AMERICA

Bao, Yanjie  
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UNITED STATES OF AMERICA

Sagi, Amit  
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[72] SULLIVAN, Sean Michael  
MATSUDA, Daiki  
TACHIKAWA, Kiyoshi  
CHIVUKULA, Padmanabh  
KARMALI, Priya Prakash  
DAVIS, Jared Henry

BAO, Yanjie  
SAGI, Amit

[74] WILKINSON & GRIST  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 39/245 | [11] | 40086176      |
|      | C12N 5/0783 |      | CN116376825 A |
|      |             | [13] | A             |

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|      |                                                                                                                       |      |              |
|------|-----------------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | A61K 39/25                                                                                                            | [11] | 40086382     |
|      | C12N 15/113                                                                                                           |      | EP4117726 A1 |
|      | C12N 15/117                                                                                                           |      |              |
|      |                                                                                                                       | [13] | A            |
| [25] | EN                                                                                                                    |      |              |
| [21] | 62023075433.0                                                                                                         | [22] | 04.07.2023   |
| [86] | 09.03.2021 PCT/US2021/021544                                                                                          |      |              |
| [87] | 16.09.2021 WO2021/183540                                                                                              |      |              |
| [30] | 09.03.2020 US,US202062987243P                                                                                         |      |              |
| [54] | SHINGLES VACCINES COMPRISING A TLR9 AGONIST<br>包含 TLR9 激動劑的帶狀疱疹疫苗                                                     |      |              |
| [71] | Dynavax Technologies Corporation<br>2100 Powell Street, Suite 720<br>Emeryville, CA 94608<br>UNITED STATES OF AMERICA |      |              |
| [72] | CAMPBELL, John D.<br>HYER, Randall N.<br>JANSSEN, Robert S.<br>NOVACK, David                                          |      |              |
| [74] | EVOLUTION IP LIMITED<br>UNIT C, 8/F, KING PALACE PLAZA<br>NO.55 KING YIP STREET, KWUN TONG, KOWLOON<br>HONG KONG      |      |              |

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|------|-------------|------|---------------|
| [51] | A61K 39/395 | [11] | 40086038      |
|      | C07K 16/28  |      | CN115594765 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 39/395 | [11] | 40086174      |
|      | C07K 16/28  |      | CN116284394 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40086210     |
|      | C07K 16/28  |      | EP4192869 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40086211     |
|      | C07K 16/28  |      | EP4192870 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 39/395 | [11] | 40086217      |
|      | C07K 16/28  |      | CN115515979 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40086246     |
|      |             |      | EP4110387 A1 |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023074779.7 | [22] | 21.06.2023 |
|------|---------------|------|------------|

[86] 24.02.2021 PCT/GB2021/050460

[87] 02.09.2021 WO2021/171003

[30] 24.02.2020 GB,2002581.3

[54] EX VIVO GAMMA DELTA T CELL POPULATIONS  
離體伽瑪得爾塔 T 細胞群

[71] GammaDelta Therapeutics Limited  
WestWorks, 195 Wood Lane, White City Place, London W12 7FQ  
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[72] NUSSBAUMER, Oliver  
POLYAKOVA, Oxana  
HAYDAY, Adrian  
VANTOUROUT, Pierre

[74] UNITALEN ATTORNEYS AT LAW LIMITED  
RM 1201, 12/F, GOLDEN ERA PLAZA  
39-55 SAI YEE ST, MONGKOK KLN  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40086251     |
|      | C07K 16/06  |      | EP4126930 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40086282     |
|      | C07K 14/715 |      | EP4106813 A1 |

C07K 16/28

C12P 21/08

[13] A

[25] EN

[21] 62023074865.4 [22] 23.06.2023

[86] 16.02.2021 PCT/US2021/018177

[87] 26.08.2021 WO2021/167885

[30] 21.02.2020 US,62/980,000

23.10.2020 US,63/104,685

09.02.2021 US,63/147,565

[54] CD137 BINDING MOLECULES AND USES THEREOF

CD137 结合分子及其用途

[71] MacroGenics, Inc.

9704 Medical Center Drive

Rockville, MD 20850

UNITED STATES OF AMERICA

[72] BEREZHNOY, Alexey Yevgenyevich

DIEDRICH, Gundo

MOORE, Paul A.

BONVINI, Ezio

SHAH, Kalpana

[74] CHAN, TANG &amp; KWOK

Rooms 2503-4, 25/F, Shanghai Industrial Investment Building

48-62 Hennessy Road, Wanchai

HONG KONG

[51] A61K 39/395

[11] 40086312

C07K 16/18

EP4110391 A1

C07K 16/28

G01N 33/566

[13] A

[25] EN

[21] 62023074986.8 [22] 27.06.2023

[86] 25.02.2021 PCT/US2021/019607

[87] 02.09.2021 WO2021/173797

[30] 25.02.2020 US,US202062981293P

19.05.2020 US,US202063026927P

[54] ENZYMES FOR SIALYLATION OF GLYCANS

用於聚糖唾液酸化的酶

[71] Momenta Pharmaceuticals, Inc.

1125 Trenton-Harbourton Road

Titusville, NJ 08560

UNITED STATES OF AMERICA

[72] MEADOR III, James

SIPSEY, Sandra Freitas Pavao

MEDEIROS, Amy

GURNANI, Srishti

[74] EVOLUTION IP LIMITED  
UNIT C, 8/F, KING PALACE PLAZA  
NO.55 KING YIP STREET, KWUN TONG, KOWLOON  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 39/395 | [11] | 40086337      |
|      | C07K 16/28  |      | CN115698076 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40086377     |
|      | C07K 16/28  |      | EP4157352 A1 |
|      | C07K 16/30  |      |              |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023075425.6 | [22] | 04.07.2023 |
|------|---------------|------|------------|

[86] 28.05.2021 PCT/EP2021/064427

[87] 02.12.2021 WO2021/239987

[30] 29.05.2020 EP,20177337.1

[54] MULTISPECIFIC ANTIBODY  
多特異性抗體

[71] Numab Therapeutics AG  
Einsiedlerstrasse 34  
8820 Wädenswil  
SWITZERLAND

[72] LICHTLEN, Peter  
URECH, David  
HESS, Christian  
GUNDE, Tea  
SIMONIN, Alexandre  
WARMUTH, Stefan  
BROCK, Matthias  
CHATTERJEE, Bithi  
JOHANSSON, Maria  
SNELL, Daniel

[74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 41/00 | [11] | 40086039     |
|      | A61K 47/59 |      | EP4101471 A1 |
|      |            | [13] | A            |

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[51] A61K 45/00 [11] 40086281  
A61P 17/14 EP4110461 A1  
[13] A

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[51] A61K 45/06 [11] 40086049  
C07K 16/18 EP4119577 A2  
[13] A

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[51] A61K 45/06 [11] 40086108  
C07D 307/33 EP4112611 A2  
[13] A

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[51] A61K 45/06 [11] 40086176  
C12N 5/0783 CN116376825 A  
[13] A

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[51] A61K 45/06 [11] 40086293  
C12Q 1/30 EP4110397 A1  
A61K 31/711  
A61K 38/44  
[13] A

[25] EN

[21] 62023074887.8 [22] 26.06.2023

[86] 24.02.2021 PCT/US2021/019481

[87] 02.09.2021 WO2021/173724

[30] 24.02.2020 US, 62/980,972

[54] SYSTEMS AND METHODS FOR PROTECTING NUCLEIC-ACID MOLECULES  
用於保護核酸分子的系統和方法

[71] The Board of Trustees of the Leland Stanford Junior  
University  
Office of the General Counsel  
Building 170, Third Floor, Main Quad, P.O. Box 20386,  
Stanford, CA 94305-2038  
UNITED STATES OF AMERICA

[72] DIEHN, Maximilian  
ALIZADEH, Arash, Ash  
CHABON, Jacob, J.  
KURTZ, David, M.

[74] UNITALEN ATTORNEYS AT LAW LIMITED  
RM 1201, 12/F, GOLDEN ERA PLAZA  
39-55 SAI YEE ST, MONGKOK KLN  
HONG KONG

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[51] A61K 45/06 [11] 40086346  
A61K 35/745 EP4112065 A1  
[13] A

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[51] A61K 45/06 [11] 40086386  
A61K 35/74 EP4115893 A1  
[13] A

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[51] A61K 45/08 [11] 40086039  
A61K 47/59 EP4101471 A1  
[13] A

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[51] A61K 47/02 [11] 40086037  
A61J 3/00 CN116172869 A  
[13] A

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[51] A61K 47/10 [11] 40086357  
A61K 9/00 EP4117622 A1  
[13] A

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[51] A61K 47/10 [11] 40086367  
CN115916260 A  
[13] A

[25] EN

[21] 62023075409.0 [22] 04.07.2023

[86] 16.08.2021 PCT/IB2021/057518

[87] 24.02.2022 WO2022/038485

[30] 20.08.2020 US, 63/068,126

15.07.2021 US, 63/222,126

[54] STABLE TOPICAL FORMULATIONS OF 1(R)-4-(5-(4-METHOXY-3-  
PROPOXYPHENYL) PYRIDIN-3-YL)-1,2-OXABOROLAN-2-OL  
1(R)-4-(5-(4-甲氧基-3-丙氧基苯基)吡啶-3-基)-1,2-氧雜硼雜環戊烷-2-醇  
的穩定局部製劑

[71] PFIZER INC.  
輝瑞公司  
66 Hudson Boulevard East  
New York, NY 10001-2192  
UNITED STATES OF AMERICA

[72] YEOH, Thean Yeow T·Y·杨

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F, Greenfield Tower, Concordia Plaza  
No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/26 | [11] | 40086037      |
|      | A61J 3/00  |      | CN116172869 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/32 | [11] | 40086037      |
|      | A61J 3/00  |      | CN116172869 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/32 | [11] | 40086213      |
|      | A61K 9/00  |      | CN115484929 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 47/34 | [11] | 40086281     |
|      | A61P 17/14 |      | EP4110461 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 47/34  | [11] | 40086290     |
|      | A61K 31/445 |      | EP4125893 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 47/34 | [11] | 40086375     |
|      | A61K 9/06  |      | EP4192430 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/36 | [11] | 40086037      |
|      | A61J 3/00  |      | CN116172869 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/38 | [11] | 40086037      |
|      | A61J 3/00  |      | CN116172869 A |
|      |            | [13] | A             |

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[51] A61K 47/52 [11] 40086307  
C07K 14/605 EP4132960 A2  
[13] A

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[51] A61K 47/54 [11] 40086048  
C12N 15/113 CN115572725 A  
[13] A

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[51] A61K 47/54 [11] 40086286  
A61K 47/64 EP4110400 A1  
A61P 31/00  
C07K 7/64  
[13] A

[25] EN

[21] 62023074872.0 [22] 25.06.2023

[86] 26.02.2021 PCT/GB2021/050490

[87] 02.09.2021 WO2021/171028

[30] 26.02.2020 GB,2002705.8

[54] ANTI-INFECTIVE BICYCLIC PEPTIDE CONJUGATES  
抗感染雙環肽綴合物

[71] BICYCLETX LIMITED  
拜斯科技技术开发有限公司  
Blocks A&B Portway Building, Granta Park, Great Abington  
Cambridge CB21 6GS  
UNITED KINGDOM

[72] BALMFORTH, Matthew M·巴姆福思  
BESWICK, Paul P·贝斯威克  
DAWSON, Mike M·道森  
DODS, Rachel R·多德斯  
ROWLAND, Catherine C·罗兰  
SKYNNER, Michael M·斯金纳  
RIETSCHOTEN, Katerine Van K·V·里茨霍滕  
WAGSTAFF, James J·瓦格斯塔夫

[74] LI Wing Hong  
Room 2302, 23/F, Lee Garden Two  
28 Yun Ping Road, Causeway Bay  
HONG KONG

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[51] A61K 47/59 [11] 40086039  
A61K 31/704 EP4101471 A1  
A61K 31/282  
A61K 45/08  
A61K 41/00  
A61K 9/51

A61P 35/00

B82Y 5/00

[13] A

[25] EN

[21] 42023074399.9 [22] 12.06.2023

[30] 18.12.2019 MX,MX20190015508

[54] NANOPARTICLES FOR CANCER TREATMENT

用於癌症治療的納米粒子

[71] Universidad de Guadalajara

Av. Juárez 976, Colonia Centro, 44100 Guadalajara, Jalisco

MEXICO

[72] DANERI NAVARRO, Adrián

TOPETE CAMACHO, Antonio

ROSAS ESCAREÑO, Abraham Noé

[74] ACCOLADE IP LIMITED

10/F, Fu Fai Comm. Ctr.

27 Hillier Street, Sheung Wan

HONG KONG

[51] A61K 47/62

[11] 40086310

A61K 51/06

EP4196167 A2

A61P 35/00

A61K 49/00

[13] A

[25] EN

[21] 62023074981.9 [22] 27.06.2023

[86] 16.08.2021 PCT/US2021/046153

[87] 03.03.2022 WO2022/046454

[30] 14.08.2020 US,63/065,806

17.09.2020 US,63/079,528

[54] NANOPARTICULATE SYSTEM FOR TREATING ORAL CANCER

用於治療口腔癌的納米顆粒系統

[71] The Trustees Of Columbia University In The City Of New York

412 Low Memorial Library

535 W. 116th Street

New York, NY 10027

UNITED STATES OF AMERICA

[72] LEONG, Kam

BHANSALI, Divya

LI, Tianyu

[74] VIVIEN CHAN &amp; CO

32/F, Harbour Centre

25 Harbour Road, Wanchai

HONG KONG

[51] A61K 47/64 [11] 40086286  
A61K 47/54 EP4110400 A1  
[13] A

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[51] A61K 47/68 [11] 40086042  
C07K 19/00 CN115925979 A  
[13] A

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[51] A61K 47/68 [11] 40086291  
A61P 35/00 EP4126972 A1  
C07K 14/54  
C07K 16/00  
C07K 19/00  
C07K 7/06  
C12N 15/62  
C12P 21/02

[13] A

[25] EN

[21] 62023074885.2 [22] 26.06.2023

[86] 23.03.2021 PCT/CA2021/050383

[87] 30.09.2021 WO2021/189139

[30] 23.03.2020 US,62/993,334

05.02.2021 US,63/146,567

[54] MASKED IL12 FUSION PROTEINS AND METHODS OF USE THEREOF  
經掩蔽的 IL12 融合蛋白及其使用方法

[71] Zymeworks BC Inc.  
Suite 800 - 114 East 4th Avenue, Vancouver, BC V5T 1G4  
CANADA

[72] VOLKERS, Gesa  
SPRETER VON KREUDENSTEIN, Thomas  
AFACAN, Nicole  
DESJARDINS, Genevieve  
DOUDA, David  
BLACKLER, Ryan

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG

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[51] A61K 47/68 [11] 40086317  
C07K 16/30 EP4121459 A1  
[13] A

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 48/00  | [11] | 40086204     |
|      | A01K 67/027 |      | EP4099821 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 48/00 | [11] | 40086215     |
|      | C12N 15/86 |      | EP4114958 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 48/00  | [11] | 40086228      |
|      | A61K 35/761 |      | CN115515613 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 48/00  | [11] | 40086234     |
|      | C12Q 1/6883 |      | EP4114975 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 48/00  | [11] | 40086277     |
|      | C07K 14/005 |      | EP4107169 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 48/00  | [11] | 40086315      |
|      | C12N 15/864 |      | CN115552021 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 48/00 | [11] | 40086320     |
|      | C12N 15/12 |      | EP4163375 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 48/00  | [11] | 40086348     |
|      | A61P 21/00  |      | EP4142800 A1 |
|      | C07K 14/005 |      |              |
|      | C12N 15/86  |      |              |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023075386.0 | [22] | 04.07.2023 |
|------|---------------|------|------------|

[86] 28.04.2021 PCT/EP2021/061204

[87] 04.11.2021 WO2021/219762

[30] 28.04.2020 EP,20305412.7

[54] USE OF A SYNTHETIC AAV CAPSID FOR GENE THERAPY OF MUSCLE AND  
CENTRAL NERVOUS SYSTEM DISORDERS

合成 AAV 衣殼用於肌肉和中樞神經系統障礙的基因治療的用途

[71] GENETHON

1 bis, rue de l'Internationale 91000 Evry-Courcouronnes  
FRANCE

Universität Heidelberg  
Grabengasse 1 69117 Heidelberg  
GERMANY

Universite d'Evry Val d'Essonne  
23 Boulevard François Mitterand 91000 Evry  
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(INSERM)  
101 rue de Tolbiac 75013 Paris  
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[72] BUJ BELLO, Ana  
RENAUD-GABARDOS, Edith  
GRIMM, Dirk  
WEINMANN, Jonas

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 48/00 | [11] | 40086370     |
|      | A61K 38/17 |      | EP4178603 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 49/00 | [11] | 40086310     |
|      | A61K 47/62 |      | EP4196167 A2 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 51/06 | [11] | 40086310     |
|      | A61K 47/62 |      | EP4196167 A2 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 8/02  | [11] | 40086252     |
|      | A61K 8/73  |      | EP4103139 A1 |
|      | A61Q 19/00 |      |              |
|      | B32B 27/12 |      |              |
|      | D01D 5/00  |      |              |

[13] A

[25] EN

[21] 62023074812.6 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051191

[87] 19.08.2021 WO2021/161251

[30] 13.02.2020 IT,102020000002836

[54] COSMETIC PRODUCT

化妝品

[71] Bakel S.R.L.

Viale del Ledra 56, 33100 Udine

ITALY

[72] GREGORIS, Raffaella

MANFREDINI, Stefano

VERTUANI, Silvia

ROSO, Martina

[74] CHINAHONGKONG IP LIMITED

1502, 15/F, Capital Centre

151 Gloucester Road, Wanchai

HONG KONG

[51] A61K 8/02

D01D 5/00

[11] 40086253

EP4103770 A1

[13] A

[51] A61K 8/02

D01D 5/00

[11] 40086255

EP4103769 A1

[13] A

[51] A61K 8/02

D01D 5/00

[11] 40086257

EP4103772 A1

[13] A

[51] A61K 8/02

D01D 5/00

[11] 40086258

EP4103773 A1

[13] A

[51] A61K 8/02

D04H 1/728

[11] 40086259

EP4103775 A1

[13] A

[51] A61K 8/44 [11] 40086147  
A61K 8/67 CN115869209 A  
[13] A

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[51] A61K 8/49 [11] 40086070  
C07D 471/04 CN116120314 A  
[13] A

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[51] A61K 8/63 [11] 40086288  
A61K 31/56 CN116234554 A  
[13] A

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[51] A61K 8/67 [11] 40086147  
A61K 8/44 CN115869209 A  
A61Q 19/00  
A61Q 19/02  
[13] A

[25] ZH

[21] 42023075529.0 [22] 06.07.2023

[30] 29.09.2021 KR,10-2021-0129132

11.08.2022 KR,10-2022-0100392

[54] COSMETIC COMPOSITION COMPRISING EUTECTIC MIXTURE OF VITAMIN C

包含維生素 C 的低共熔混合物的化妝料組合物

[71] LG HOUSEHOLD & HEALTH CARE LTD.

株式会社 LG 生活健康

03184 (Sinmunno 2-ga) 58

Saemunan-ro, Jongno-gu, Seoul

REPUBLIC OF KOREA

[72] Ji Eun SONG 宋智恩

Seung Hyun JUN 全胜贤

Hyun Min HWANG 黄铉珉

Mun Ju SHIN 慎文珠

[74] SANYOU INTELLECTUAL PROPERTY LIMITED

Unit 2301, 23/F, Golden Centre

188 Des Voeux Road Central

HONG KONG

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[51] A61K 8/73 [11] 40086252  
A61K 8/02 EP4103139 A1  
[13] A

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 8/73 | [11] | 40086253     |
|      | D01D 5/00 |      | EP4103770 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 8/73 | [11] | 40086255     |
|      | D01D 5/00 |      | EP4103769 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 8/73 | [11] | 40086257     |
|      | D01D 5/00 |      | EP4103772 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 8/73 | [11] | 40086258     |
|      | D01D 5/00 |      | EP4103773 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 8/73  | [11] | 40086259     |
|      | D04H 1/728 |      | EP4103775 A1 |
|      |            | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 9/00    | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61K 9/00  | [11] | 40086213      |
|      | A61K 38/26 |      | CN115484929 A |
|      | A61P 3/10  |      |               |
|      | A61K 9/16  |      |               |
|      | A61K 47/32 |      |               |
|      | A61M 31/00 |      |               |
|      |            | [13] | A             |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023074498.4 | [22] | 14.06.2023 |
|------|---------------|------|------------|

[86] 25.02.2021 PCT/US2021/019559

[87] 02.09.2021 WO2021/173770

[30] 28.02.2020 US, 62/983,296

[54] POLYMERIC STABILIZING AGENTS FOR IMPLANTABLE DRUG DELIVERY DEVICES

用於可植入藥物遞送裝置的聚合物穩定劑

- [71] NANO PRECISION MEDICAL, INC.  
纳米精密医疗公司  
5858 Horton St., Suite 280  
Emeryville, California 94608  
UNITED STATES OF AMERICA
- [72] OLF, Ryan R·奥尔夫  
GORDON, Lyle L·戈登  
ROORDA, Wouter W·罗达
- [74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F, Greenfield Tower, Concordia Plaza  
No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
HONG KONG
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- |      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/00  | [11] | 40086284     |
|      | A61K 36/38 |      | EP4125982 A1 |
|      |            | [13] | A            |
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| [51] | A61K 9/00   | [11] | 40086290     |
|      | A61K 31/445 |      | EP4125893 A1 |
|      |             | [13] | A            |
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| [51] | A61K 9/00  | [11] | 40086357     |
|      | A61P 27/04 |      | EP4117622 A1 |
|      | A61K 9/06  |      |              |
|      | A61K 47/10 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023075397.7 [22] 04.07.2023

[86] 12.03.2021 PCT/EP2021/056314

[87] 16.09.2021 WO2021/180913

[30] 12.03.2020 EP, 20162821

[54] NEW USE AND METHOD OF TREATMENT

治療的新用途和方法

[71] Redwood Pharma AB  
Ringvägen 100E  
118 60 Stockholm  
SWEDEN

[72] VIDAEUS, Martin  
AGELAND, Hans  
BJÖRKLUND, Ulf  
GARHÖFER, Gerhard

[74] AWA ASIA LIMITED  
Suite 1411, 14/F Leighton Centre

77 Leighton Road, Causeway Bay  
HONG KONG

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|------|-----------|------|--------------|
| [51] | A61K 9/00 | [11] | 40086375     |
|      | A61K 9/06 |      | EP4192430 A1 |
|      |           | [13] | A            |

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|      |                                                                                                |      |               |
|------|------------------------------------------------------------------------------------------------|------|---------------|
| [51] | A61K 9/00                                                                                      | [11] | 40086390      |
|      | A61K 9/06                                                                                      |      | CN115605183 A |
|      |                                                                                                | [13] | A             |
| [25] | EN                                                                                             |      |               |
| [21] | 62023075742.4                                                                                  | [22] | 10.07.2023    |
| [86] | 26.04.2021 PCT/EP2021/060831                                                                   |      |               |
| [87] | 04.11.2021 WO2021/219545                                                                       |      |               |
| [30] | 28.04.2020 SE,2050480-9                                                                        |      |               |
| [54] | COMPOSITION FOR TREATING AND/OR PREVENTING VESTIBULODYNIA<br>用於治療和/或預防前庭痛的組合物                  |      |               |
| [71] | PEPTONIC MEDICAL AB<br>派普托尼克医药有限公司<br>Gustavslundsvägen 143 167 51 Bromma<br>SWEDEN            |      |               |
| [72] | MARKUSSON, Dan D·马库松<br>INBORR, Johan J·因博尔<br>SUNDQUIST, Erik E·桑德奎斯特                         |      |               |
| [74] | LI Wing Hong<br>Room 2302, 23/F, Lee Garden Two<br>28 Yun Ping Road, Causeway Bay<br>HONG KONG |      |               |

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|------|-----------|------|--------------|
| [51] | A61K 9/06 | [11] | 40086357     |
|      | A61K 9/00 |      | EP4117622 A1 |
|      |           | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 9/06   | [11] | 40086375     |
|      | A61K 31/496 |      | EP4192430 A1 |
|      | A61K 9/00   |      |              |
|      | A61K 31/519 |      |              |
|      | A61K 33/243 |      |              |
|      | A61K 31/704 |      |              |
|      | A61K 31/138 |      |              |
|      | A61K 31/713 |      |              |
|      | A61K 31/337 |      |              |
|      | A61K 38/31  |      |              |

A61K 31/4375

A61P 35/00

A61K 31/495

A61K 47/34

[13] A

[25] EN

[21] 62023075422.3 [22] 04.07.2023

[86] 05.08.2021 PCT/IL2021/050952

[87] 10.02.2022 WO2022/029782

[30] 07.08.2020 US, 63/062,557

[54] LONG ACTING ANTICANCER COMPOSITIONS

長效抗癌組合物

[71] Intragel Therapeutics Ltd.

13 Wadi El Haj St., P.O. Box 1252, 17111 Nazereth

ISRAEL

[72] DOMB, Abraham Jakob

[74] MINTERELLISON LLP

Level 32, Wu Chung House

213 Queen's Road East

HONG KONG

[51] A61K 9/06

[11] 40086390

A61K 9/00

CN115605183 A

[13] A

[51] A61K 9/08

[11] 40086332

A61K 33/38

CN115551482 A

A61P 31/12

A61P 31/16

[13] A

[25] EN

[21] 62023075261.5 [22] 30.06.2023

[86] 06.04.2021 PCT/US2021/025942

[87] 14.10.2021 WO2021/207178

[30] 06.04.2020 US, 63/005,727

[54] SILVER NANOPARTICLES FOR USE IN INHIBITING AND TREATING

CORONAVIRUS INFECTION

用於抑制和治療冠狀病毒感染的銀納米顆粒

[71] AGARWAL, Ankit

安基特·阿加瓦尔

5520 Nobel Drive, Suite 100

Madison, Wisconsin 53711

UNITED STATES OF AMERICA

[72] AGARWAL, Ankit 安基特·阿加瓦尔

[74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED  
Suite 617, Lakeside 2  
No. 10 Science Park West Avenue  
Hong Kong Science Park, Shatin, N.T.  
HONG KONG

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|------|------------|------|--------------|
| [51] | A61K 9/10  | [11] | 40086284     |
|      | A61K 36/38 |      | EP4125982 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 9/107 | [11] | 40086288      |
|      | A61K 31/56 |      | CN116234554 A |
|      |            | [13] | A             |

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|------|--------------|------|--------------|
| [51] | A61K 9/127   | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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| [51] | A61K 9/16 | [11] | 40086213      |
|      | A61K 9/00 |      | CN115484929 A |
|      |           | [13] | A             |

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| [51] | A61K 9/20 | [11] | 40086037      |
|      | A61J 3/00 |      | CN116172869 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | A61K 9/28 | [11] | 40086037      |
|      | A61J 3/00 |      | CN116172869 A |
|      |           | [13] | A             |

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| [51] | A61K 9/48    | [11] | 40086366     |
|      | A61K 31/4458 |      | EP4110304 A1 |
|      | A61K 31/4545 |      |              |
|      | C07D 401/12  |      |              |
|      |              | [13] | A            |

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[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023075408.2 | [22] | 04.07.2023 |
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[86] 23.02.2021 PCT/US2021/019206

[87] 02.09.2021 WO2021/173533

- [30] 29.02.2020 US, 62/983,614
- [54] COMPOSITIONS COMPRISING METHYLPHENIDATE-PRODRUGS, PROCESSES  
OF MAKING AND USING THE SAME  
包含哌甲酯前藥的組合物、其製備和使用方法
- [71] KemPharm, Inc.  
1180 Celebration Boulevard, Suite 103  
Celebration, FL 34747  
UNITED STATES OF AMERICA
- [72] GUENTHER, Sven  
CHI, Guochen  
MICKLE, Travis
- [74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F., Greenfield Tower, Concordia Plaza  
No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
HONG KONG
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|------|------------|------|--------------|
| [51] | A61K 9/51  | [11] | 40086039     |
|      | A61K 47/59 |      | EP4101471 A1 |
|      |            | [13] | A            |
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|------|-------------|------|--------------|
| [51] | A61K 9/70   | [11] | 40086208     |
|      | A61K 31/165 |      | EP4125841 A1 |
|      |             | [13] | A            |
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| [51] | A61L 15/00 | [11] | 40086257     |
|      | D01D 5/00  |      | EP4103772 A1 |
|      |            | [13] | A            |
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| [51] | A61L 24/00 | [11] | 40086343      |
|      | A61L 24/08 |      | CN115605234 A |
|      |            | [13] | A             |

[25] EN

[21] 62023075380.3 [22] 04.07.2023

[86] 25.12.2019 PCT/CN2019/128204

[87] 01.07.2021 WO2021/128050

[54] HEMOSTATIC PASTE AND USES THEREOF  
止血糊劑及其用途

[71] GUANGZHOU BIOSEAL BIOTECH CO., LTD.  
NO. 5 RUI TAI ROAD, HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE  
GUANGZHOU SCIENCE CITY, GUANGDONG 510530  
CHINA

[72] TENG, Ling  
XIE, Tingwan

TIAN, Yuan  
FENG, Dengmin  
WANG, Peiqiu

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61L 24/08 | [11] | 40086343      |
|      | A61L 24/00 |      | CN115605234 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61L 27/50 | [11] | 40086376     |
|      | A61K 38/16 |      | EP4125995 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61L 27/52 | [11] | 40086376     |
|      | A61K 38/16 |      | EP4125995 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61L 27/54 | [11] | 40086254     |
|      | D01D 5/00  |      | EP4103768 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61L 27/54 | [11] | 40086255     |
|      | D01D 5/00  |      | EP4103769 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61L 27/54 | [11] | 40086257     |
|      | D01D 5/00  |      | EP4103772 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61L 29/04 | [11] | 40086321     |
|      | A61M 25/00 |      | EP4114493 A1 |
|      |            | [13] | A            |

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|------|-----------|------|---------------|
| [51] | A61M 1/14 | [11] | 40086214      |
|      |           |      | CN116075327 A |

[13] A

[25] JA

[21] 62023074500.7

[22] 14.06.2023

[86] 09.04.2021 PCT/JP2021/015088

[87] 13.10.2022 WO2022/215269

[54] PIPE JOINT AND PIPING SYSTEM

管接頭及配管系統

[71] TOYOX CO., LTD.

東洋克斯株式會社

4371, Maezawa, Kurobe-shi, Toyama 938-8585

JAPAN

[72] OHIRA Kuninobu 大平邦延

TAKIMOTO Shinji 瀧本伸二

MIURA Yoshihiro 三浦良弘

[74] 范紀羅江律師行

香港

灣仔港灣道 6-8 號

瑞安中心 23 樓

[51] A61M 16/04

[11] 40086279

A61B 1/267

EP4114488 A1

A61B 1/00

A61B 1/05

[13] A

[25] EN

[21] 62023074861.3

[22] 23.06.2023

[86] 04.03.2021 PCT/EP2021/055460

[87] 10.09.2021 WO2021/175991

[30] 05.03.2020 GB,2003191.0

[54] AN AIRWAY MANAGEMENT DEVICE

氣道管理裝置

[71] Alfen Medical Devices Development Ltd.

阿尔芬医疗器械开发有限公司

6 Kings Mews, Worthing

West Sussex BN11 2FF

UNITED KINGDOM

[72] DEL SOCORRO FONTANILLA DAZA, Zoraida

[74] ELLALAN

26th - 28th Floors, The Hennessy

256 Hennessy Road, Wanchai

HONG KONG

[51] A61M 16/06

[11] 40086385

CN116096446 A

[13] A

[25] EN  
[21] 62023075437.1 [22] 05.07.2023  
[86] 28.05.2021 PCT/US2021/034884  
[87] 02.12.2021 WO2021/243227  
[30] 29.05.2020 US,63/031916  
[54] METHOD FOR PULSATILE DELIVERY OF A GASEOUS DRUG  
脈衝遞送氣態藥物的方法  
[71] BELLEROPHON THERAPEUTICS  
184 LIBERTY CORNER ROAD, SUITE 302  
WARREN, NJ 07059  
UNITED STATES OF AMERICA  
[72] DEKKER, Martin  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] A61M 16/08 [11] 40086031  
A61M 16/10 GB2607817 A  
A61M 16/16  
[13] A  
[25] EN  
[21] 42023074352.8 [22] 12.06.2023  
[30] 21.07.2016 US,62365285  
[54] MEDICAL TUBES FOR BREATHING CIRCUIT  
用於呼吸回路的醫用管  
[71] FISHER & PAYKEL HEALTHCARE LIMITED  
15 MAURICE PAYKEL PLACE, EAST TAMAKI, AUCKLAND, 2013  
NEW ZEALAND  
[72] JAMES WILLIAM STANTON  
GAVIN WALSH MILLAR  
[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

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[51] A61M 16/10 [11] 40086031  
A61M 16/08 GB2607817 A  
[13] A

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[51] A61M 16/16 [11] 40086031  
A61M 16/08 GB2607817 A  
[13] A

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[51] A61M 16/20 [11] 40086028  
GB2612607 A  
[13] A

[25] EN

[21] 42023073699.3 [22] 29.05.2023

[54] A RESPIRATORY ASSISTANCE APPARATUS, AND VALVES FOR  
RESPIRATORY ASSISTANCE APPARATUSES  
一種呼吸輔助裝置和呼吸輔助裝置的閥門

[71] Nelson Mandela University  
Room 1207, 12th Floor, Main Building  
Summerstrand Campus (South), University Way, 6031, Port  
Elizabeth  
SOUTH AFRICA

[72] PHILLIPS, Russell  
CAWOOD, John Henry

[74] HOGAN LOVELLS  
11th Floor, One Pacific Place  
88 Queensway  
HONG KONG

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[51] A61M 25/00 [11] 40086285  
A61F 2/95 EP4110239 A1  
[13] A

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[51] A61M 25/00 [11] 40086299  
A61F 2/24 EP4114310 A1  
[13] A

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[51] A61M 25/00 [11] 40086321  
A61B 50/30 EP4114493 A1  
A61F 2/00  
A61L 29/04  
B65B 5/04  
[13] A

[25] EN

[21] 62023075005.6 [22] 28.06.2023

[86] 05.03.2021 PCT/US2021/021064

[87] 10.09.2021 WO2021/178785

[30] 06.03.2020 US, 62/986, 571

[54] PACKAGING FOR HYDRATED ARTICLES AND RELATED METHODS  
用於水合製品的包裝和相關方法

[71] Access Vascular, Inc.  
175 Middlesex Turnpike, Suite 1A, Bedford, MA 01730  
UNITED STATES OF AMERICA

[72] DOHERTY, Mark, Thomas  
DONAHUE, Daniel, T.  
HANLEY, Brian, M.  
MANNARINO, Matthew, M.  
MCGRATH, Michael, J.

[74] UNITALEN ATTORNEYS AT LAW LIMITED  
RM 1201, 12/F, GOLDEN ERA PLAZA  
39-55 SAI YEE ST, MONGKOK KLN  
HONG KONG

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| [51] | A61M 31/00 | [11] | 40086213      |
|      | A61K 9/00  |      | CN115484929 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/32  | [11] | 40086223     |
|      | A61B 17/34 |      | EP4110206 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/42  | [11] | 40086223     |
|      | A61B 17/34 |      | EP4110206 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/46  | [11] | 40086223     |
|      | A61B 17/34 |      | EP4110206 A1 |
|      |            | [13] | A            |

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|------|-----------|------|--------------|
| [51] | A61M 5/46 | [11] | 40086325     |
|      | A61F 9/00 |      | EP4196060 A1 |
|      |           | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61M 60/13  | [11] | 40086135     |
|      | A61M 60/139 |      | EP4134123 A1 |
|      | A61M 60/216 |      |              |
|      | A61M 60/422 |      |              |
|      | A61M 60/508 |      |              |
|      | A61M 60/804 |      |              |
|      |             | [13] | A            |

[25] EN

[21] 42023075459.0 [22] 05.07.2023  
[30] 19.03.2019 EP,19163662  
[54] BLOOD PUMP  
血泵  
[71] Abiomed Europe GmbH  
Neuenhofer Weg 3, 52074 Aachen  
GERMANY  
[72] Grauwinkel, Marius  
Kerkhoffs, Wolfgang  
[74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
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HONG KONG

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[51] A61M 60/139 [11] 40086135  
A61M 60/13 EP4134123 A1  
[13] A

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[51] A61M 60/178 [11] 40086115  
A61M 60/20 EP4112115 A1  
A61M 60/216  
A61M 60/538  
A61M 60/585  
A61M 60/873  
A61M 60/876  
H02J 7/00  
[13] A

[25] EN

[21] 42023075357.6 [22] 03.07.2023  
[30] 20.12.2010 US,201061425162 P  
[54] METHOD AND APPARATUS FOR ACCURATELY TRACKING AVAILABLE CHARGE  
IN A TRANSCUTANEOUS ENERGY TRANSFER SYSTEM  
用於準確跟蹤經皮能量傳輸系統中的可用電荷的方法和裝置  
[71] Abiomed, Inc.  
22 Cherry Hill Drive, Danvers, MA 01923  
UNITED STATES OF AMERICA  
[72] D'AMBROSIO, Ralph L.  
[74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG

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[51] A61M 60/20 [11] 40086115  
A61M 60/178 EP4112115 A1  
[13] A

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| [51] | A61M 60/216 | [11] | 40086115     |
|      | A61M 60/178 |      | EP4112115 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61M 60/216 | [11] | 40086135     |
|      | A61M 60/13  |      | EP4134123 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61M 60/422 | [11] | 40086135     |
|      | A61M 60/13  |      | EP4134123 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61M 60/508 | [11] | 40086135     |
|      | A61M 60/13  |      | EP4134123 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
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| [51] | A61M 60/538 | [11] | 40086115     |
|      | A61M 60/178 |      | EP4112115 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61M 60/585 | [11] | 40086115     |
|      | A61M 60/178 |      | EP4112115 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61M 60/804 | [11] | 40086135     |
|      | A61M 60/13  |      | EP4134123 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61M 60/873 | [11] | 40086115     |
|      | A61M 60/178 |      | EP4112115 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61M 60/876 | [11] | 40086115     |
|      | A61M 60/178 |      | EP4112115 A1 |
|      |             | [13] | A            |

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|------|-------------------------------|------|---------------|
| [51] | A61N 1/06                     | [11] | 40086316      |
|      |                               |      | CN116033936 A |
|      |                               | [13] | A             |
| [25] | KR                            |      |               |
| [21] | 62023074992.6                 | [22] | 28.06.2023    |
| [86] | 02.05.2022 PCT/KR2022/006281  |      |               |
| [87] | 02.03.2023 WO2023/027289      |      |               |
| [30] | 26.08.2021 KR,10-2021-0113409 |      |               |
| [54] | SKIN MANAGEMENT DEVICE        |      |               |
|      | 皮膚管理裝置                        |      |               |
| [71] | APR CO., LTD.                 |      |               |
|      | 36F, 300, Olympic-ro          |      |               |
|      | Songpa-gu, Seoul 05551        |      |               |
|      | REPUBLIC OF KOREA             |      |               |
| [72] | LEE, Jeong Ho                 |      |               |
| [74] | BIRD & BIRD                   |      |               |
|      | 6/F, The Annex, Central Plaza |      |               |
|      | 18 Harbour Road               |      |               |
|      | HONG KONG                     |      |               |

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|      |                                      |      |              |
|------|--------------------------------------|------|--------------|
| [51] | A61N 5/06                            | [11] | 40086061     |
|      | A61F 7/08                            |      | EP4137202 A1 |
|      |                                      | [13] | A            |
| [25] | EN                                   |      |              |
| [21] | 42023075095.2                        | [22] | 29.06.2023   |
| [30] | 29.04.2016 US,201615143277           |      |              |
| [54] | PHOTOTHERAPY APPARATUSES AND METHODS |      |              |
|      | 光療設備和方法                              |      |              |
| [71] | Neolight LLC                         |      |              |
|      | 1475 N. Scottsdale Road Suite 200    |      |              |
|      | Scottsdale, AZ 85257                 |      |              |
|      | UNITED STATES OF AMERICA             |      |              |
| [72] | PALANISWAMY, Sivakumar               |      |              |
|      | KRISHNARAJU, Deepakshyam             |      |              |
| [74] | MARKS & CLERK                        |      |              |
|      | Level 9, Cyberport 1                 |      |              |
|      | 100 Cyberport Road, Pok Fu Lam       |      |              |
|      | HONG KONG                            |      |              |

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|------|------------|------|---------------|
| [51] | A61P 1/16  | [11] | 40086042      |
|      | C07K 19/00 |      | CN115925979 A |
|      |            | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61P 1/16   | [11] | 40086203     |
|      | C07K 14/705 |      | EP4165069 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 13/12  | [11] | 40086048      |
|      | C12N 15/113 |      | CN115572725 A |
|      |             | [13] | A             |

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|      |             |      |              |
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| [51] | A61P 13/12  | [11] | 40086203     |
|      | C07K 14/705 |      | EP4165069 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 17/00  | [11] | 40086224      |
|      | A61K 31/675 |      | CN115515599 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 17/00 | [11] | 40086288      |
|      | A61K 31/56 |      | CN116234554 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61P 17/10 | [11] | 40086288      |
|      | A61K 31/56 |      | CN116234554 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 17/14  | [11] | 40086070      |
|      | C07D 471/04 |      | CN116120314 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 17/14 | [11] | 40086281     |
|      | A61K 38/17 |      | EP4110461 A1 |
|      | A61K 45/00 |      |              |
|      | A61K 47/34 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023074864.7 [22] 23.06.2023

[86] 25.02.2021 PCT/US2021/019522

[87] 02.09.2021 WO2021/173749

[30] 25.02.2020 US, 62/981,480

- [54] COMPOSITIONS AND METHODS FOR STIMULATING HAIR GROWTH  
用於刺激毛髮生長的組合物和方法
- [71] Amplifica, Inc.  
Bernardo Center Drive, Suite 354  
San Diego, CA 92128  
UNITED STATES OF AMERICA
- [72] ROSEN, David, K.  
RASSMAN, William
- [74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG
- 

- [51] A61P 19/02 [11] 40086227  
A61K 36/21 CN115515614 A  
[13] A
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- [51] A61P 21/00 [11] 40086348  
A61K 48/00 EP4142800 A1  
[13] A
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- [51] A61P 25/00 [11] 40086113  
C07D 403/12 EP4112615 A1  
[13] A
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- [51] A61P 25/00 [11] 40086320  
C12N 15/12 EP4163375 A1  
[13] A
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- [51] A61P 25/02 [11] 40086208  
A61K 31/165 EP4125841 A1  
[13] A
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- [51] A61P 25/08 [11] 40086330  
A61K 31/56 EP4110345 A1  
[13] A
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- [51] A61P 25/14 [11] 40086308  
C07K 16/28 EP4110814 A1

[13] A

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|------|-------------|------|--------------|
| [51] | A61P 25/28  | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61P 25/28 | [11] | 40086134      |
|      | A23L 33/10 |      | CN116268385 A |
|      |            | [13] | A             |

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|      |             |      |              |
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| [51] | A61P 25/28  | [11] | 40086203     |
|      | C07K 14/705 |      | EP4165069 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/28  | [11] | 40086209      |
|      | C07D 401/14 |      | CN115515682 A |
|      | C07C 23/34  |      |               |
|      | A61K 31/519 |      |               |
|      | A61K 31/353 |      |               |
|      | C07D 209/04 |      |               |
|      | C07D 487/04 |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62023074492.7 [22] 14.06.2023

[86] 22.02.2021 PCT/US2021/019113

[87] 26.08.2021 WO2021/168446

[30] 21.02.2020 US, 62/980,143

[54] COMPOSITIONS AND METHODS OF USING THE SAME FOR TREATMENT OF  
NEURODEGENERATIVE AND MITOCHONDRIAL DISEASE  
用於治療神經退行性疾病和線粒體疾病的組合物及其使用方法

[71] MITOKININ, INC.

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[72] HERTZ, Nicholas, Thomas N·T·赫兹

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JOHNSTONE, Shawn S·约翰斯通

CHIN, Randall, Marcelo R·M·钦

DEVITA, Robert R·德维塔

MCGEE, Philippe P·麦吉

DANSEREAU, Julien J·丹塞罗

RAKHIT, Rishi R·拉克特

[74] HNC INNOVATION LIMITED  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/28 | [11] | 40086308     |
|      | C07K 16/28 |      | EP4110814 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 27/02  | [11] | 40086275      |
|      | A61K 31/197 |      | CN115515574 A |
|      |             | [13] | A             |

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| [51] | A61P 27/02 | [11] | 40086320     |
|      | C12N 15/12 |      | EP4163375 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61P 27/04 | [11] | 40086357     |
|      | A61K 9/00  |      | EP4117622 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 27/12  | [11] | 40086275      |
|      | A61K 31/197 |      | CN115515574 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61P 29/00 | [11] | 40086042      |
|      | C07K 19/00 |      | CN115925979 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40086116      |
|      | C07D 249/12 |      | CN115557907 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61P 29/00  | [11] | 40086278     |
|      | A61K 31/541 |      | EP4132649 A1 |

A61P 37/00  
C07D 263/48

[13] A

[25] EN

[21] 62023074860.5 [22] 23.06.2023

[86] 06.04.2021 PCT/EP2021/058864

[87] 14.10.2021 WO2021/204762

[30] 07.04.2020 GB,2005114.0

[54] CRYSTALLINE FORMS OF A TYK2 INHIBITOR  
TYK2 抑制劑的晶型

[71] SAREUM LIMITED

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[72] READER, John Charles

MARSHALL, Jamie Conor

MYKYTIUK, John

NORTHEN, Julian Scott

[74] ELLALAN

26th - 28th Floors, The Hennessy

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[51] A61P 29/00  
A61J 1/03

[11] 40086303  
EP4110261 A1

[13] A

[51] A61P 29/00  
C07D 235/30

[11] 40086336  
EP4110764 A1

[13] A

[51] A61P 3/04  
C07K 19/00

[11] 40086042  
CN115925979 A

[13] A

[51] A61P 3/06  
C07K 19/00

[11] 40086042  
CN115925979 A

[13] A

[51] A61P 3/06  
C12N 15/113

[11] 40086048  
CN115572725 A

[13] A

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| [51] | A61P 3/06<br>C07K 14/705 | [11] | 40086350<br>EP4165068 A1 |
|      |                          | [13] | A                        |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61P 3/06<br>A61K 31/445 | [11] | 40086374<br>CN116322682 A |
|      |                          | [13] | A                         |

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|------|-------------------------|------|---------------------------|
| [51] | A61P 3/10<br>C07K 19/00 | [11] | 40086042<br>CN115925979 A |
|      |                         | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | A61P 3/10<br>C12N 15/113 | [11] | 40086048<br>CN115572725 A |
|      |                          | [13] | A                         |

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|------|------------------------|------|---------------------------|
| [51] | A61P 3/10<br>A61K 9/00 | [11] | 40086213<br>CN115484929 A |
|      |                        | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | A61P 31/00<br>C07K 16/28 | [11] | 40086038<br>CN115594765 A |
|      |                          | [13] | A                         |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 31/00<br>C07D 403/12 | [11] | 40086113<br>EP4112615 A1 |
|      |                           | [13] | A                        |

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|------|--------------------------|------|-------------------------|
| [51] | A61P 31/00<br>A61K 38/46 | [11] | 40086190<br>GB2609346 A |
|      |                          | [13] | A                       |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 31/00<br>A61K 31/675 | [11] | 40086224<br>CN115515599 A |
|------|---------------------------|------|---------------------------|

[13] A

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 31/00 | [11] | 40086284     |
|      | A61K 36/38 |      | EP4125982 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 31/00 | [11] | 40086286     |
|      | A61K 47/54 |      | EP4110400 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/00 | [11] | 40086294      |
|      | C07K 14/20 |      | CN115698044 A |
|      |            | [13] | A             |

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|------|--------------|------|--------------|
| [51] | A61P 31/04   | [11] | 40086177     |
|      | A61K 31/7036 |      | EP4122470 A1 |
|      |              | [13] | A            |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | A61P 31/04 | [11] | 40086190    |
|      | A61K 38/46 |      | GB2609346 A |
|      |            | [13] | A           |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/04 | [11] | 40086294      |
|      | C07K 14/20 |      | CN115698044 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/12  | [11] | 40086328      |
|      | C07D 519/00 |      | CN115605488 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/12 | [11] | 40086332      |
|      | A61K 9/08  |      | CN115551482 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 31/14  | [11] | 40086268     |
|      | A61K 39/215 |      | EP4117725 A1 |

[13] A

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 31/14 | [11] | 40086284     |
|      | A61K 36/38 |      | EP4125982 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/14 | [11] | 40086331      |
|      | A61K 39/12 |      | CN115551548 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/16 | [11] | 40086332      |
|      | A61K 9/08  |      | CN115551482 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/22  | [11] | 40086176      |
|      | C12N 5/0783 |      | CN116376825 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 33/06  | [11] | 40086194     |
|      | C07D 239/22 |      | EP4013742 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40086029      |
|      | C07K 14/725 |      | CN115960204 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40086037      |
|      | A61J 3/00  |      | CN116172869 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40086038      |
|      | C07K 16/28 |      | CN115594765 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40086039     |
|      | A61K 47/59 |      | EP4101471 A1 |

[13] A

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40086052      |
|      | A61K 39/00 |      | CN115607659 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40086068     |
|      | C07D 471/04 |      | EP4112618 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40086113     |
|      | C07D 403/12 |      | EP4112615 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40086116      |
|      | C07D 249/12 |      | CN115557907 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40086122     |
|      | C07D 497/14 |      | EP4112623 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40086149      |
|      | C07D 209/88 |      | CN116143683 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40086174      |
|      | C07K 16/28 |      | CN116284394 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40086176      |
|      | C12N 5/0783 |      | CN116376825 A |

[13] A

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 35/00<br>C07D 401/04 | [11] | 40086197<br>CN115397818 A |
|      |                           | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61P 35/00<br>C07K 16/28 | [11] | 40086217<br>CN115515979 A |
|      |                          | [13] | A                         |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 31/496 | [11] | 40086219<br>EP4106760 A1 |
|      |                           | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07D 401/14 | [11] | 40086220<br>EP4107152 A1 |
|      |                           | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 31/16 | [11] | 40086262<br>EP4114375 A1 |
|      |                          | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 47/68 | [11] | 40086291<br>EP4126972 A1 |
|      |                          | [13] | A                        |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C12N 5/10 | [11] | 40086309<br>EP4133059 A1 |
|      |                         | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 47/62 | [11] | 40086310<br>EP4196167 A2 |
|      |                          | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07K 14/725 | [11] | 40086311<br>EP4110805 A1 |
|------|---------------------------|------|--------------------------|

[13] A

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|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07K 16/28 | [11] | 40086313<br>EP4194467 A1 |
|      |                          | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07D 471/04 | [11] | 40086319<br>EP4114835 A1 |
|      |                           | [13] | A                        |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 35/00<br>C07D 519/00 | [11] | 40086328<br>CN115605488 A |
|      |                           | [13] | A                         |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07K 16/28 | [11] | 40086342<br>EP4121457 A1 |
|      |                          | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07D 471/04 | [11] | 40086352<br>EP4110779 A1 |
|      |                           | [13] | A                        |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 35/00<br>C07D 498/22 | [11] | 40086364<br>CN115698020 A |
|      |                           | [13] | A                         |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 9/06 | [11] | 40086375<br>EP4192430 A1 |
|      |                         | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 35/74 | [11] | 40086386<br>EP4115893 A1 |
|      |                          | [13] | A                        |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 35/02<br>C07K 14/725 | [11] | 40086029<br>CN115960204 A |
|------|---------------------------|------|---------------------------|

[13] A

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|------|---------------------------|------|---------------------------|
| [51] | A61P 35/02<br>C07D 249/12 | [11] | 40086116<br>CN115557907 A |
|      |                           | [13] | A                         |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 35/02<br>C07K 16/28 | [11] | 40086210<br>EP4192869 A1 |
|      |                          | [13] | A                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 35/02<br>C07K 16/28 | [11] | 40086211<br>EP4192870 A1 |
|      |                          | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 35/02<br>C07K 14/725 | [11] | 40086311<br>EP4110805 A1 |
|      |                           | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 37/00<br>C07D 471/04 | [11] | 40086068<br>EP4112618 A1 |
|      |                           | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 37/00<br>C07D 417/04 | [11] | 40086120<br>EP4112616 A1 |
|      |                           | [13] | A                        |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 37/00<br>C07D 401/04 | [11] | 40086197<br>CN115397818 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 37/00<br>A61K 31/506 | [11] | 40086216<br>EP4186508 A1 |
|      |                           | [13] | A                        |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61P 37/00<br>C07K 16/28 | [11] | 40086217<br>CN115515979 A |
|------|--------------------------|------|---------------------------|

[13] A

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|------|------------|------|--------------|
| [51] | A61P 37/00 | [11] | 40086278     |
|      | A61P 29/00 |      | EP4132649 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 37/00 | [11] | 40086354      |
|      |            |      | CN115835910 A |
|      |            | [13] | A             |

[25] EN

[21] 62023075394.4 [22] 04.07.2023

[86] 12.07.2021 PCT/EP2021/069294

[87] 20.01.2022 WO2022/013136

[30] 14.07.2020 CN,PCT/CN2020/101904

17.05.2021 CN,PCT/CN2021/094138

[54] HYDROISOQUINOLINE OR HYDRONAPHTHYRIDINE COMPOUNDS FOR THE  
TREATMENT OF AUTOIMMUNE DISEASE

用於治療自身免疫性疾病的氫化異喹啉或氫化萘啶化合物

[71] F. HOFFMANN-LA ROCHE AG

豪夫迈·罗氏有限公司

GRENZACHERSTRASSE 124, 4070 BASEL

SWITZERLAND

[72] Fabian DEY F·戴伊

Xiaoqing WANG 王晓卿

Zhisen ZHANG 张志森

Wei ZHU 朱伟

[74] KING &amp; WOOD MALLESONS IP LIMITED

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/02 | [11] | 40086309     |
|      | C12N 5/10  |      | EP4133059 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 37/02  | [11] | 40086328      |
|      | C07D 519/00 |      | CN115605488 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 37/02 | [11] | 40086337      |
|      | C07K 16/28 |      | CN115698076 A |

[13] A

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A61P 37/02                                                                                                                                                | [11] | 40086358<br>CN115835911 A |
|      |                                                                                                                                                           | [13] | A                         |
| [25] | EN                                                                                                                                                        |      |                           |
| [21] | 62023075399.3                                                                                                                                             | [22] | 04.07.2023                |
| [86] | 02.08.2021 PCT/EP2021/071552                                                                                                                              |      |                           |
| [87] | 10.02.2022 WO2022/029069                                                                                                                                  |      |                           |
| [30] | 04.08.2020 CN, PCT/CN2020/106796                                                                                                                          |      |                           |
| [54] | IMIDAZO[1,2-A]PYRIDINE COMPOUNDS FOR THE TREATMENT OF<br>AUTOIMMUNE DISEASE<br>用於治療自身免疫性疾病的咪唑並[1,2-A]吡啶化合物                                                |      |                           |
| [71] | F. HOFFMANN-LA ROCHE AG<br>豪夫迈·罗氏有限公司<br>GRENZACHERSTRASSE 124, 4070 BASEL<br>SWITZERLAND                                                                 |      |                           |
| [72] | Dongdong CHEN 陈冬冬<br>Jianguo CHEN 陈建国<br>Fabian DEY F·戴伊<br>Xin HONG 洪鑫<br>Xuefei TAN 谭雪菲<br>Jiasu XU 徐嘉苏<br>Weixing ZHANG 张卫星<br>Wei ZHU 朱伟<br>Ge ZOU 邹舸 |      |                           |
| [74] | KING & WOOD MALLESONS IP LIMITED<br>Level 11, Admiralty Center Tower 2<br>18 Harcourt Road, Admiralty<br>HONG KONG                                        |      |                           |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 37/04<br>C07K 14/725 | [11] | 40086311<br>EP4110805 A1 |
|      |                           | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 37/04<br>A61K 39/00 | [11] | 40086383<br>EP4117719 A1 |
|      |                          | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 37/06<br>A61K 31/506 | [11] | 40086216<br>EP4186508 A1 |
|      |                           | [13] | A                        |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/06 | [11] | 40086342     |
|      | C07K 16/28 |      | EP4121457 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 43/00 | [11] | 40086037      |
|      | A61J 3/00  |      | CN116172869 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 43/00 | [11] | 40086042      |
|      | C07K 19/00 |      | CN115925979 A |
|      |            | [13] | A             |

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|      |                                                                                |      |              |
|------|--------------------------------------------------------------------------------|------|--------------|
| [51] | A61P 7/02                                                                      | [11] | 40086027     |
|      | A61P 9/12                                                                      |      | EP4134131 A1 |
|      | A61K 31/277                                                                    |      |              |
|      | A61K 31/5377                                                                   |      |              |
|      |                                                                                | [13] | A            |
| [25] | EN                                                                             |      |              |
| [21] | 42023073554.0                                                                  | [22] | 24.05.2023   |
| [30] | 23.02.2016 US,US201662298555P                                                  |      |              |
| [54] | METHOD OF TREATING PATIENTS COADMINISTERED A FACTOR XA INHIBITOR AND VERAPAMIL |      |              |
|      | 治療被聯合給予 XA 因子抑製劑和維拉帕米的患者的方法                                                    |      |              |
| [71] | Morgandane Scientific, LLC                                                     |      |              |
|      | 2012 Seadrift Drive                                                            |      |              |
|      | Corona Del Mar, CA 92625                                                       |      |              |
|      | UNITED STATES OF AMERICA                                                       |      |              |
| [72] | PATEL, Maulik                                                                  |      |              |
|      | SRINIVASAN, Sundar                                                             |      |              |
|      | CHOW WALLEN, Christina                                                         |      |              |
| [74] | ROBIN BRIDGE & JOHN LIU                                                        |      |              |
|      | 6th Floor, Emperor Commercial Centre                                           |      |              |
|      | 39 Des Voeux Road Central                                                      |      |              |
|      | HONG KONG                                                                      |      |              |

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|------|------------|------|---------------|
| [51] | A61P 7/02  | [11] | 40086166      |
|      | A61K 31/19 |      | CN115581691 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 9/00  | [11] | 40086042      |
|      | C07K 19/00 |      | CN115925979 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 9/00   | [11] | 40086048      |
|      | C12N 15/113 |      | CN115572725 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 9/00   | [11] | 40086350     |
|      | C07K 14/705 |      | EP4165068 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/06  | [11] | 40086370     |
|      | A61K 38/17 |      | EP4178603 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 40086048      |
|      | C12N 15/113 |      | CN115572725 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 9/10  | [11] | 40086166      |
|      | A61K 31/19 |      | CN115581691 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 9/10   | [11] | 40086203     |
|      | C07K 14/705 |      | EP4165069 A1 |
|      |             | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61P 9/12 | [11] | 40086027     |
|      | A61P 7/02 |      | EP4134131 A1 |
|      |           | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 9/12   | [11] | 40086350     |
|      | C07K 14/705 |      | EP4165068 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 9/14  | [11] | 40086166      |
|      | A61K 31/19 |      | CN115581691 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/00 | [11] | 40086147      |
|      | A61K 8/67  |      | CN115869209 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61Q 19/00 | [11] | 40086252     |
|      | A61K 8/02  |      | EP4103139 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61Q 19/00 | [11] | 40086253     |
|      | D01D 5/00  |      | EP4103770 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61Q 19/00 | [11] | 40086255     |
|      | D01D 5/00  |      | EP4103769 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61Q 19/00 | [11] | 40086257     |
|      | D01D 5/00  |      | EP4103772 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61Q 19/00 | [11] | 40086258     |
|      | D01D 5/00  |      | EP4103773 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61Q 19/00 | [11] | 40086259     |
|      | D04H 1/728 |      | EP4103775 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/00 | [11] | 40086288      |
|      | A61K 31/56 |      | CN116234554 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/02 | [11] | 40086147      |
|      | A61K 8/67  |      | CN115869209 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61Q 7/00   | [11] | 40086070      |
|      | C07D 471/04 |      | CN116120314 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63B 23/03 | [11] | 40086373      |
|      | A63B 71/00 |      | CN115605274 A |
|      |            | [13] | A             |

[25] EN

[21] 62023075420.7 [22] 04.07.2023

[86] 19.05.2021 PCT/IL2021/050573

[87] 25.11.2021 WO2021/234696

[30] 20.05.2020 IL,274788

[54] AN ORAL-MOTOR MODULAR TRAINING SYSTEM

一口腔運動模組化訓練系統

[71] LEVY, Yehudit

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[72] LEVY, Yehudit 耶胡迪特·利维

[74] 中港知識產權有限公司

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63B 71/00 | [11] | 40086373      |
|      | A63B 23/03 |      | CN115605274 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63F 1/06  | [11] | 40086058      |
|      | G06Q 50/34 |      | CN115936957 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A63F 1/06 | [11] | 40086164      |
|      | A63F 1/14 |      | CN115624738 A |
|      | A63F 1/18 |      |               |
|      | A63F 3/00 |      |               |

A63F 5/02  
A63F 11/00  
G07F 17/32

[13] A

[25] ZH

[21] 42023075573.8 [22] 07.07.2023

[30] 03.08.2015 JP,2015-163213  
19.11.2015 JP,2015-240631  
01.02.2016 JP,2016-030443

[54] GAME TOKEN, INSPECTION DEVICE, AND MANUFACTURING METHOD OF  
GAME TOKEN, AND MANAGEMENT SYSTEM FOR TABLE GAMES

遊戲幣、檢查裝置、遊戲幣的製造方法以及桌面遊戲的管理系統

[71] ANGEL GROUP CO., LTD.

天使集团股份有限公司

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[72] SHIGETA, Yasushi 重田泰

[74] DONG'S INTELLECTUAL PROPERTY SERVICE COMPANY LIMITED

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HONG KONG

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[51] A63F 1/14 [11] 40086164  
A63F 1/06 CN115624738 A  
[13] A

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[51] A63F 1/18 [11] 40086164  
A63F 1/06 CN115624738 A  
[13] A

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[51] A63F 11/00 [11] 40086164  
A63F 1/06 CN115624738 A  
[13] A

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[51] A63F 13/213 [11] 40086165  
A63F 13/46 CN115591219 A  
A63F 13/822  
G06V 20/62  
[13] A

[25] ZH

[21] 42023075574.6 [22] 07.07.2023

[30] 08.07.2021 JP,2021-113447

[54] CARD GAME BATTLE SYSTEM

卡牌遊戲對戰系統

[71] ANGEL GROUP CO., LTD.

天使集团股份有限公司

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[72] SHIGETA, Yasushi 重田泰

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[51] A63F 13/25

A63F 13/54

[11] 40086078

CN116036591 A

[13] A

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[51] A63F 13/46

A63F 13/213

[11] 40086165

CN115591219 A

[13] A

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[51] A63F 13/54

A63F 13/25

A63F 13/77

[11] 40086078

CN116036591 A

[13] A

[25] ZH

[21] 42023075131.5

[22] 30.06.2023

[54] SOUND EFFECT OPTIMIZATION METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM

音效優化方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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|------|-------------|------|---------------|
| [51] | A63F 13/56  | [11] | 40086150      |
|      | A63F 13/577 |      | CN116036603 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/577 | [11] | 40086148      |
|      | G06F 16/901 |      | CN116036604 A |
|      |             | [13] | A             |

[25] ZH

[21] 42023075533.2 [22] 06.07.2023

[54] DATA PROCESSING METHOD, APPARATUS, COMPUTER AND READABLE STORAGE MEDIUM

數據處理方法、裝置、計算機及可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/577 | [11] | 40086150      |
|      | A63F 13/56  |      | CN116036603 A |
|      |             | [13] | A             |

[25] ZH

[21] 42023075537.3 [22] 06.07.2023

[54] DATA PROCESSING METHOD, DEVICE, COMPUTER AND READABLE STORAGE MEDIUM

數據處理方法、裝置、計算機及可讀存儲介質

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|------|------------|------|---------------|
| [51] | A63F 13/77 | [11] | 40086078      |
|      | A63F 13/54 |      | CN116036591 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/822 | [11] | 40086165      |
|      | A63F 13/213 |      | CN115591219 A |
|      |             | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A63F 3/00 | [11] | 40086164      |
|      | A63F 1/06 |      | CN115624738 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A63F 5/02 | [11] | 40086164      |
|      | A63F 1/06 |      | CN115624738 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A63G 3/00 | [11] | 40086225      |
|      | A63G 3/02 |      | CN115515693 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A63G 3/02 | [11] | 40086225      |
|      | A63G 3/00 |      | CN115515693 A |
|      |           | [13] | A             |

[25] EN

[21] 62023074655.9 [22] 19.06.2023

[86] 05.05.2021 PCT/US2021/030920

[87] 11.11.2021 WO2021/226257

[30] 05.05.2020 US,63/020210

04.05.2021 US,17/307707

[54] RIDE SYSTEM WITH VEHICLE SUPPORT FOR SUSPENSION AND FLOATING  
OPERATION

帶有用於懸掛和漂浮操作的載運器支架的乘坐系統

[71] UNIVERSAL CITY STUDIOS LLC

100 UNIVERSAL CITY PLAZA

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UNITED STATES OF AMERICA

[72] HARRINGTON, Sarka

VANCE, Eric Alan

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
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[51] B01D 39/16 [11] 40086347  
CN116322932 A  
[13] A

[25] EN

[21] 62023075384.5 [22] 04.07.2023

[86] 17.07.2020 PCT/CN2020/102725

[87] 20.01.2022 WO2022/011689

[54] HIGH FILTRATION FILTER WITH DISINFECTION, LOW PRESSURE DROP  
AND REDUCED CAKE FORMATION  
具有消毒、低壓降和減少的濾餅形成的高過濾性過濾器

[71] THE HONG KONG POLYTECHNIC UNIVERSITY  
香港理工大學  
Hung Hom  
Kowloon  
HONG KONG

[72] LEUNG, Wallace, Woon Fong 梁煥方

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG

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[51] B01F 101/06 [11] 40086114  
B01F 35/71 CN115569593 A  
[13] A

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[51] B01F 101/44 [11] 40086123  
B01F 33/453 CN115569580 A  
[13] A

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[51] B01F 21/10 [11] 40086123  
B01F 33/453 CN115569580 A  
[13] A

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[51] B01F 33/453 [11] 40086123  
B01F 21/10 CN115569580 A  
C12M 1/02  
B01F 101/44

[13] A

[25] ZH

[21] 42023075398.0 [22] 04.07.2023

[30] 28.11.2017 US, 62/591, 370

06.07.2018 US, 16/029, 216

[54] MAGNETIC MIXING APPARATUS

磁性混合設備

[71] Talis Biomedical Corporation

达丽斯生物医学公司

230 CONSTITUTION DRIVE

MENLO PARK, CALIFORNIA 94025

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[72] 托马斯·H·考利三世

大卫·罗尔夫

[74] AWA ASIA LIMITED

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77 Leighton Road, Causeway Bay

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[51] B01F 35/71 [11] 40086114

A23L 19/20

CN115569593 A

B01F 35/75

B01F 101/06

[13] A

[25] ZH

[21] 42023075349.3 [22] 03.07.2023

[30] 30.04.2021 KR, 10-2021-0056791

[54] KIMCHI SAUCE STUFFING DEVICE

泡菜調料投入裝置

[71] E Green Tech Inc.

34, Byeolmang-ro 128beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do 15618

REPUBLIC OF KOREA

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#111-2803, 16, Raseong-ro, Danwon-gu, Ansan-si, Gyeonggi-do 15389

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[72] CHO, Yong Tae

CHOI, Han Cheol

KIM, Young Min

KIM, Chi Eun

[74] KSK IP AGENCY LIMITED

FLAT/RM 1602A, 16/F, CAUSEWAY BAY COMMERCIAL BLDG

3 SUGAR STREET, CAUSEWAY BAY  
HONG KONG

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|      |            |      |               |
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| [51] | B01F 35/75 | [11] | 40086114      |
|      | B01F 35/71 |      | CN115569593 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | B01J 19/00 | [11] | 40086207      |
|      | B01J 2/10  |      | CN115427138 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | B01J 2/10  | [11] | 40086207      |
|      | B01J 19/00 |      | CN115427138 A |
|      |            | [13] | A             |

[25] ZH

[21] 62023073963.8 [22] 02.06.2023

[86] 30.04.2020 PCT/CN2020/088001

[87] 04.11.2021 WO2021/217550

[54] MULTIPHASE INTERFACE REACTOR

一種多相界面反應器

[71] LANZHOU LANSHI ZHONGKE NANOTECHNOLOGY CO., LTD.  
Room 1136, Hatching Building, Lanzhou New Area  
Lanzhou City, Gansu Province 730314  
CHINA

[72] YAO, He  
ZENG, Neng  
DING, Hongling  
HOU, Xiaogang  
SHI, Benyi  
LI, Jianchang  
YANG, Yaohua

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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|------|-------------|------|--------------|
| [51] | B01L 3/00   | [11] | 40086195     |
|      | C12Q 1/6806 |      | EP4058192 A1 |
|      | C12Q 1/6844 |      |              |
|      | G01N 35/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023066992.6 [22] 13.01.2023

- [86] 18.12.2020 PCT/US2020/065810  
[87] 24.06.2021 WO2021/127315  
[30] 20.12.2019 US, 62/951,720  
[54] THERMO-CYCLER FOR ROBOTIC LIQUID HANDLING SYSTEM  
用於機器人式液體處理系統的熱循環儀  
[71] BECKMAN COULTER, INC.  
250 S. Kraemer Boulevard  
Brea, California 92821  
UNITED STATES OF AMERICA  
[72] DAVIS, Matthew S.  
LU, Kristina K.  
MOSCHELL, Rachel Ellen  
NEI, Peter Robert  
SAUERBURGER, Mark F  
SMITH, Zachary M.  
SNIDER, John S.  
SPRINGSTON, Jason L.  
[74] ECCLES & LEE  
Suite 3212, Jardine House  
1 Connaught Place, Central  
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- [51] B03C 1/01 [11] 40086335  
B03C 1/28 CN115551641 A  
[13] A  
[25] EN  
[21] 62023075268.0 [22] 30.06.2023  
[86] 02.04.2021 PCT/US2021/025587  
[87] 07.10.2021 WO2021/203005  
[30] 03.04.2020 US, 63/004,913  
[54] ELECTROMAGNETIC ASSEMBLIES FOR PROCESSING FLUIDS  
用於處理流體的電磁組件  
[71] BECKMAN COULTER, INC.  
贝克曼库尔特有限公司  
250 S. Kraemer Boulevard Brea, CA 92821  
UNITED STATES OF AMERICA  
美國  
加利福尼亚州  
[72] CORPSTEIN, Jeffrey J. 杰弗里·J·科尔普斯坦  
FARTHING, Evan 埃文·法辛  
KEEN, Thomas G. 托马斯·G·基恩  
OLSON, Abraham 阿夫拉姆·奥尔森  
HORTON, Andrew 安德鲁·霍顿  
WEAVER, Kerry J. 克里·J·韦弗  
WYMAN, Roger A. 罗杰·A·怀曼

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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[51] B03C 1/28 [11] 40086335  
B03C 1/01 CN115551641 A  
[13] A

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[51] B29B 9/06 [11] 40086146  
CN115890962 A  
[13] A

[25] ZH

[21] 42023075520.9 [22] 06.07.2023

[54] A GRANULATION PROCESSING METHOD FOR LOW-MELT INDEX DEGRADABLE  
MATERIAL AND MOLDING BODY PREPARED BY THE LOW-MELT INDEX  
DEGRADABLE MATERIAL

一種低熔指可降解材料的造粒加工方法及其製備的成型體

[71] Beijing Bluepha Microbiology Technology Co., Ltd.  
北京蓝晶微生物科技有限公司  
Building 4 Floor 1  
20 Life Park Road, Life Science Park, Changping District,  
Beijing 102206  
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中國  
北京市昌平区生命科学园生命园路 20 号院 4 号楼 1 层 (邮编 102206)

Jiangsu Lansu Biomaterial Co., Ltd.

江苏蓝素生物材料有限公司

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Economic Development Zone

Binhai County, Yancheng 224500

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中國

江苏省盐城市滨海县江苏滨海经济开发区

沿海工业园陈李路东侧 (邮编: 224500)

[72] Xu Yong 徐勇  
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Ma Zhiyu 马志宇  
Ma Yiming 马一鸣  
Li Teng 李腾  
Zhang Haoqian 张浩千

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 27/12 | [11] | 40086252     |
|      | A61K 8/02  |      | EP4103139 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 27/12 | [11] | 40086253     |
|      | D01D 5/00  |      | EP4103770 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 27/12 | [11] | 40086255     |
|      | D01D 5/00  |      | EP4103769 A1 |
|      |            | [13] | A            |

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| [51] | B32B 27/12 | [11] | 40086257     |
|      | D01D 5/00  |      | EP4103772 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 27/12 | [11] | 40086258     |
|      | D01D 5/00  |      | EP4103773 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 27/12 | [11] | 40086259     |
|      | D04H 1/728 |      | EP4103775 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B32B 3/30  | [11] | 40086141      |
|      | B42D 25/00 |      | CN116135546 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B32B 33/00 | [11] | 40086141      |
|      | B42D 25/00 |      | CN116135546 A |
|      |            | [13] | A             |

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[51] B32B 7/06 [11] 40086258  
D01D 5/00 EP4103773 A1  
[13] A

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[51] B42D 25/00 [11] 40086141  
B32B 3/30 CN116135546 A  
B32B 33/00  
[13] A

[25] ZH

[21] 42023075497.0 [22] 06.07.2023

[30] 17.11.2021 US,17/529,015

[54] COMPLEMENTARY FLAKES  
互補的薄片

[71] VIAVI SOLUTIONS INC.  
VIAVI 科技有限公司  
1445 SOUTH SPECTRUM BLVD, SUITE 102 CHANDLER, ARIZONA 85286  
UNITED STATES OF AMERICA

[72] Alberto ARGOITIA A·阿革帝亞

[74] KING & WOOD MALLESONS IP LIMITED  
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18 Harcourt Road, Admiralty  
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[51] B60L 53/30 [11] 40086372  
CN116234717 A  
[13] A

[25] EN

[21] 62023075418.1 [22] 04.07.2023

[86] 03.09.2021 PCT/EP2021/074340

[87] 31.03.2022 WO2022/063545

[30] 28.09.2020 NO,20201054

[54] STORAGE SYSTEM  
儲存系統

[71] AUTOSTORE TECHNOLOGY AS  
Stokkastrandvegen 85 5578 Nedre Vats  
NORWAY

[72] AUSTRHEIM, Trond  
GJERDEVIK, Oystein

[74] KSK IP AGENCY LIMITED  
FLAT/RM 1602A, 16/F, CAUSEWAY BAY COMMERCIAL BLDG  
3 SUGAR STREET, CAUSEWAY BAY  
HONG KONG

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[51] B60L 53/60 [11] 40086359

EP4114683 A2

[13] A

[25] DE

[21] 62023075401.7

[22] 04.07.2023

[86] 01.03.2021 PCT/EP2021/055015

[87] 10.09.2021 WO2021/175766

[30] 04.03.2020 EP,20161021.9

[54] DEVICE AND METHOD FOR PLANNING E-CHARGING INFRASTRUCTURES AND  
THE CABLE SYSTEMS ASSOCIATED THEREWITH AT PUBLIC AND PRIVATE  
LOCATIONS, IN PARTICULAR VEHICLE SERVICE SYSTEMS

用於規劃公共和私人場所的電子充電基礎設施和與其相關的電纜系統 (特別是車輛服務系統) 的裝置和方法

[71] Volkmar Junge

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64646 Heppenheim

GERMANY

Sebastian Jung

Am Frondweinberg 4

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GERMANY

[72] JUNGE, Volkmar

JUNG, Sebastian

[74] MARKS &amp; CLERK

Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam

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[51] B60N 2/28

[11] 40086232

EP4178833 A1

[13] A

[25] EN

[21] 62023074664.1

[22] 19.06.2023

[86] 07.07.2021 PCT/EP2021/068830

[87] 13.01.2022 WO2022/008593

[30] 07.07.2020 CN,202010650125.4

[54] SAFETY MECHANISM FOR CHILD CAR SEAT

兒童座椅安全機構

[71] Bambino Prezioso Switzerland AG

Beim Bahnhof 5, 6312 Steinhausen

SWITZERLAND

[72] Da-Liang ZHANG

[74] LUNG TIN PATENT TRADEMARK AGENT LIMITED

FLAT 11 10/F KOWLOON PLAZA

485 CASTLE PEAK ROAD CHEUNG SHA WAN

HONG KONG

[51] B60N 2/28 [11] 40086242  
B60N 2/42 EP4168271 A1  
[13] A

[25] EN

[21] 62023074773.0 [22] 21.06.2023

[86] 16.06.2021 PCT/EP2021/066322

[87] 23.12.2021 WO2021/255133

[30] 19.06.2020 CN,202010571212.0

[54] CHILD SAFETY SEAT AND SIDE COLLISION PROTECTION MECHANISM  
THEREOF  
兒童安全座椅及其側撞保護機構

[71] Bambino Prezioso Switzerland AG  
Beim Bahnhof 5, 6312 Steinhausen  
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[72] Xiaolong MO

[74] LUNG TIN PATENT TRADEMARK AGENT LIMITED  
FLAT 11 10/F KOWLOON PLAZA  
485 CASTLE PEAK ROAD CHEUNG SHA WAN  
HONG KONG

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[51] B60N 2/42 [11] 40086242  
B60N 2/28 EP4168271 A1  
[13] A

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[51] B61B 13/00 [11] 40086173  
D03D 47/30 EP4116475 A1  
[13] A

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[51] B61C 11/06 [11] 40086173  
D03D 47/30 EP4116475 A1  
[13] A

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[51] B61D 17/02 [11] 40086173  
D03D 47/30 EP4116475 A1  
[13] A

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[51] B61L 19/06 [11] 40086181  
B61L 5/10 CN116039711 A  
[13] A

[25] ZH

- [21] 42023075764.3 [22] 11.07.2023
- [54] A METHOD, DEVICE, AND MEDIUM FOR VERIFYING THE POSITION OF  
LARGE TURNOUT BY INTERLOCKING SYSTEM  
一種聯鎖系統校核大號道岔位置方法、裝置及介質
- [71] CASCO SIGNAL CO., LTD.  
卡斯柯信号有限公司  
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上海市静安区江场路 1401 弄 21 号  
1101 室 200072
- [72] ZHU Yingchun 朱迎春  
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XU Junqiang 徐军强  
WU Yuxi 武钰喜  
GAO Wu 高武  
XUE Feng 薛丰
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尖沙咀漆咸道南 87-105 號  
百利商業中心 2 樓 259 室
- 
- [51] B61L 21/06 [11] 40086179  
B61L 23/00 CN116001849 A  
[13] A
- [25] ZH
- [21] 42023075762.7 [22] 11.07.2023
- [54] LOGICAL PROCESSING METHOD, MEDIUM AND ELECTRONIC EQUIPMENT  
FOR CONSISTENCY BETWEEN PREARRANGED ACCESS AND ACTUAL ACCESS  
預排進路與實際進路一致邏輯處理方法及介質和電子設備
- [71] CASCO SIGNAL CO., LTD.  
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YANG Ping 杨平  
MA Rui 马锐  
DING Haolan 丁浩蓝  
ZHANG Mingyao 张铭瑶  
XIE Lin 谢林  
ZENG Yun 曾云  
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|      |            |      |               |
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| [51] | B61L 23/00 | [11] | 40086179      |
|      | B61L 21/06 |      | CN116001849 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B61L 23/04 | [11] | 40086125      |
|      | G06V 20/58 |      | CN115690721 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B61L 27/00 | [11] | 40086186      |
|      | G06F 3/06  |      | CN116149553 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | B61L 27/00 | [11] | 40086187      |
|      | B61L 27/10 |      | CN116161084 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | B61L 27/04 | [11] | 40086188      |
|      | B61L 27/10 |      | CN116161083 A |
|      |            | [13] | A             |

[25] ZH

[21] 42023075771.8 [22] 11.07.2023

[54] PROPORTIONAL CONTROL METHOD FOR MULTI ROUTE TRAIN  
按比例控制的多交路列車控制方法

[71] CASCO SIGNAL CO., LTD.

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WANG Yang 王阳

SU Rao 苏饶

CUI Zhimin 崔智民

ZHANG Wei 張蔚

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B61L 27/10  | [11] | 40086184      |
|      | G06Q 10/047 |      | CN116151502 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B61L 27/10 | [11] | 40086187      |
|      | B61L 27/00 |      | CN116161084 A |
|      | B61L 27/70 |      |               |
|      | B61L 5/12  |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42023075770.0

[22] 11.07.2023

[54] AN IMPLEMENTATION METHOD FOR SENDING TRAIN ARRIVAL TIME

一種發送列車到站時間的實現方法

[71] CASCO SIGNAL CO., LTD.

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WAN Xiansheng 萬賢勝

KANG Lei 康磊

WEI Lai 魏來

YANG Fan 楊帆

LI Yulin 李昱霖

LI Xiayang 李夏洋

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|      |            |      |               |
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| [51] | B61L 27/10 | [11] | 40086188      |
|      | B61L 27/04 |      | CN116161083 A |
|      |            | [13] | A             |

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[51] B61L 27/70 [11] 40086187  
B61L 27/10 CN116161084 A  
[13] A

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[51] B61L 5/10 [11] 40086181  
B61L 19/06 CN116039711 A  
[13] A

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[51] B61L 5/12 [11] 40086187  
B61L 27/10 CN116161084 A  
[13] A

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[51] B61L 5/18 [11] 40086182  
CN116039706 A  
[13] A

[25] ZH

[21] 42023075765.0 [22] 11.07.2023

[54] SIGNAL CONTROL METHOD AND SYSTEM

一種信號機控制方法及系統

[71] CASCO SIGNAL CO., LTD.

卡斯柯信号有限公司

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[72] CAI Chongxia 蔡崇霞

XIE Lin 谢林

ZENG Yun 曾云

HU Chunfeng 胡春风

DING Haolan 丁浩蓝

YANG Ping 杨平

ZHANG Guoru 张国茹

ZHANG Mingyao 张铭瑶

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[51] B65B 5/04 [11] 40086321  
A61M 25/00 EP4114493 A1  
[13] A

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|------|----------------------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | B65D 41/34                                                                                                                 | [11] | 40086205     |
|      | B65D 55/16                                                                                                                 |      | EP4095062 A1 |
|      |                                                                                                                            | [13] | A            |
| [25] | SP                                                                                                                         |      |              |
| [21] | 62023072862.3                                                                                                              | [22] | 12.05.2023   |
| [86] | 25.01.2021 PCT/ES2021/070049                                                                                               |      |              |
| [87] | 29.07.2021 WO2021/148705                                                                                                   |      |              |
| [30] | 24.01.2020 ES,ES20200030054                                                                                                |      |              |
| [54] | CAPPING DEVICE FOR A CONTAINER NECK<br>容器頸部封蓋裝置                                                                            |      |              |
| [71] | Betapack, S.A.U.<br>Pol. Ind. Oianzabaleta C/ Oianzabaleta 3<br>20305 Irun (Guipúzcoa)<br>SPAIN                            |      |              |
| [72] | BERROA GARCÍA, Francisco, Javier                                                                                           |      |              |
| [74] | TRADEMARKCN COMPANY LIMITED<br>Block A, 4/F., Granville Building<br>14 Granville Road, Tsim Sha Tsui, Kowloon<br>HONG KONG |      |              |

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| [51] | B65D 55/02                                                                                                                                                            | [11] | 40086360      |
|      |                                                                                                                                                                       |      | CN116194382 A |
|      |                                                                                                                                                                       | [13] | A             |
| [25] | EN                                                                                                                                                                    |      |               |
| [21] | 62023075402.5                                                                                                                                                         | [22] | 04.07.2023    |
| [86] | 14.08.2020 PCT/CN2020/109254                                                                                                                                          |      |               |
| [87] | 17.02.2022 WO2022/032653                                                                                                                                              |      |               |
| [54] | AN ANTI-TAMPERING CONTAINER<br>防竊啟容器                                                                                                                                  |      |               |
| [71] | Logistics and Supply Chain MultiTech R&D Centre Limited<br>物流及供應鏈多元技術研發中心有限公司<br>Units 1101-1105 and 1109<br>Level 11, Cyberport 2<br>100 Cyberport Road<br>HONG KONG |      |               |
| [72] | TONG, Chi Hung 唐志鴻<br>WAI, Tik Sze 衛迪斯<br>FAN, Ka Lun 樊家倫<br>WONG, Kwong Yeung Simon 廣揚·S·黃                                                                           |      |               |
| [74] | MARKS & CLERK<br>Level 9, Cyberport 1<br>100 Cyberport Road, Pok Fu Lam<br>HONG KONG                                                                                  |      |               |

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[51] B65D 55/16 [11] 40086205  
B65D 41/34 EP4095062 A1  
[13] A

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[51] B65D 71/40 [11] 40086260  
EP4107087 A1  
[13] A

[25] EN

[21] 62023074829.0 [22] 23.06.2023

[86] 22.02.2021 PCT/US2021/019055

[87] 26.08.2021 WO2021/168417

[30] 21.02.2020 US,202062979590P  
04.02.2021 US,202163145733P

[54] ARTICLE CARRIER AND BLANK THERFOR  
物品承載器及用於其的坯件

[71] WestRock Packaging Systems, LLC  
1000 Abernathy Road NE  
Atlanta, GA 30328  
UNITED STATES OF AMERICA

[72] ZACHERLE, Matthew, E.  
CASEY, Grey, P.

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] B65D 71/50 [11] 40086240  
CN115515862 A  
[13] A

[25] EN

[21] 62023074769.8 [22] 21.06.2023

[86] 09.03.2021 PCT/US2021/021489

[87] 16.09.2021 WO2021/183500

[30] 11.03.2020 US,62/988142

[54] ARTICLE CARRIER AND BLANK THERFOR  
物品承載器及用於其的坯件

[71] WESTROCK PACKAGING SYSTEMS, LLC  
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[72] GARNIER, Jean-Michel  
ZACHERLE, Matthew E.

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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Wanchai  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B65D 75/36 | [11] | 40086303     |
|      | A61J 1/03  |      | EP4110261 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B65D 83/04 | [11] | 40086303     |
|      | A61J 1/03  |      | EP4110261 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | B82Y 5/00  | [11] | 40086039     |
|      | A61K 47/59 |      | EP4101471 A1 |
|      |            | [13] | A            |

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|      |                                                                                                             |      |              |
|------|-------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | C01B 33/023                                                                                                 | [11] | 40086314     |
|      | C01B 33/025                                                                                                 |      | EP4192786 A1 |
|      | C01B 33/18                                                                                                  |      |              |
|      | C01B 33/113                                                                                                 |      |              |
|      |                                                                                                             | [13] | A            |
| [25] | EN                                                                                                          |      |              |
| [21] | 62023074989.2                                                                                               | [22] | 28.06.2023   |
| [86] | 05.08.2021 PCT/US2021/071124                                                                                |      |              |
| [87] | 10.02.2022 WO2022/032301                                                                                    |      |              |
| [30] | 07.08.2020 US,202063062832P                                                                                 |      |              |
| [54] | SYNTHESIS OF SILICON-CONTAINING PRODUCTS<br>含硅產品的合成                                                         |      |              |
| [71] | 6K Inc.<br>25 Commerce Way, Unit 1<br>North Andover, MA 01845<br>UNITED STATES OF AMERICA                   |      |              |
| [72] | PULLEN, Adrian<br>HOLMAN, Richard, K.                                                                       |      |              |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED<br>22/F, Great Eagle Centre, 23 Harbour Road<br>Wanchai<br>HONG KONG |      |              |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C01B 33/025 | [11] | 40086314     |
|      | C01B 33/023 |      | EP4192786 A1 |
|      |             | [13] | A            |

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[51] C01B 33/113 [11] 40086314  
C01B 33/023 EP4192786 A1  
[13] A

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[51] C01B 33/18 [11] 40086314  
C01B 33/023 EP4192786 A1  
[13] A

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[51] C02F 1/00 [11] 40086145  
C02F 1/68 CN115925008 A  
[13] A

[25] ZH

[21] 42023075518.3 [22] 06.07.2023

[30] 05.10.2021 US,17/450,070

[54] FILTER SYSTEM WITH ENHANCED DISPLAY

具有增強顯示器的過濾系統

[71] PARAGON WATER SYSTEMS, INC.

百諾肯淨水設備有限公司

13805 Monroe's Business Park

Tampa, Florida 33635

UNITED STATES OF AMERICA

[72] David SWAIN 戴維·斯溫

Harkirat SAHNI 哈基拉特·沙尼

[74] LECOME INTELLECTUAL PROPERTY AGENT LIMITED

2701, AXA Southside

38 Wong Chuk Hang Road, Wong Chuk Hang

HONG KONG

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[51] C02F 1/04 [11] 40086154  
F22B 27/00 CN115818751 A  
F25B 30/00  
[13] A

[25] ZH

[21] 42023075547.2 [22] 06.07.2023

[54] WASTE HEAT RECYCLING METHOD FOR CARNALLITE MOTHER LIQUOR  
DRYING DEVICE

一種雜鹽母液干化裝置廢熱回收利用方法

[71] 北京新源智慧水务科技有限公司

中國

100500 北京市密云区兴盛南路 8 号院 2 号楼 106 室-2273 (商务区集中办公区)

[72] 尹胜奎  
王培功  
武芳芳

[74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C02F 1/68 | [11] | 40086145      |
|      | C02F 1/00 |      | CN115925008 A |
|      |           | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C02F 1/76   | [11] | 40086071     |
|      | C02F 103/32 |      | EP4112565 A1 |
|      |             | [13] | A            |

[25] DE

[21] 42023075118.2 [22] 29.06.2023

[54] METHOD OF CONTROLLING MICROORGANISM GROWTH  
控制微生物生長的方法

[71] RED BULL GMBH  
AM BRUNNEN 1, 5330 FUSCHL AM SEE  
AUSTRIA

[72] HANS, KLEMENS  
HERZOG, DANIEL

[74] GLOBAL IP AGENT COMPANY LIMITED  
9/F., GOODWILL INDUSTRIAL BUILDING  
36-44 PAK TIN PAR STREET, TSUEN WAN  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C02F 101/30 | [11] | 40086356     |
|      | C07D 279/18 |      | EP4110735 A1 |
|      | C07D 285/15 |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023075396.9 [22] 04.07.2023

[86] 27.02.2021 PCT/IB2021/051604

[87] 02.09.2021 WO2021/171235

[30] 28.02.2020 IN,202021008602

[54] A PROCESS FOR THE PREPARATION OF METHYLENE BLUE  
用於製備亞甲基藍的方法

[71] Dishman Carbogen Amcis Ltd.  
Navrangpura Gujarat, Ahmedabad 380009  
INDIA

[72] VYAS, Janmejay R.  
DHOTRE, Himani

SHAH, Denish H.

PARIKH, Krunal

[74] HK PAT IP LIMITED  
Flat C, 10/F., Wing Tat Commercial Building  
121-125 Wing Lok Street, Sheung Wan  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C02F 103/32 | [11] | 40086071     |
|      | C02F 1/76   |      | EP4112565 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C03C 21/00 | [11] | 40086050      |
|      | C03C 3/097 |      | CN115557697 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C03C 3/097 | [11] | 40086050      |
|      | C03C 21/00 |      | CN115557697 A |
|      |            | [13] | A             |

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[25] ZH

[21] 42023075030.9 [22] 28.06.2023

[30] 17.11.2017 US, 62/587,872  
08.05.2018 NL, 2020896

[54] HYDROGEN-CONTAINING GLASS-BASED ARTICLES WITH HIGH  
INDENTATION CRACKING THRESHOLD  
具有高壓痕開裂閾值的基於含氫玻璃的製品

[71] CORNING INCORPORATED  
康宁股份有限公司  
1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831  
UNITED STATES OF AMERICA

[72] Timothy Michael GROSS T·M·格罗斯  
Georgiy GURYANOV G·戈雅诺夫

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C04B 7/52 | [11] | 40086222      |
|      |           |      | CN116249680 A |
|      |           | [13] | A             |

[25] JA

[21] 62023074651.8 [22] 19.06.2023

[86] 24.01.2022 PCT/JP2022/002355

[87] 29.09.2022 WO2022/201818

- [30] 26.03.2021 JP,2021-053980
- [54] CEMENT COMPOSITION AND METHOD FOR PRODUCING SAME  
水泥組合物及其製造方法
- [71] SUMITOMO OSAKA CEMENT CO., LTD.  
住友大阪水泥股份有限公司  
1-9-2 Higashi-Shimbashi, Minato-ku, Tokyo 105-8641  
JAPAN
- [72] KANAI, Kensuke 金井謙介  
SASAKI, Shohei 佐佐木翔平  
IMAZU, Koki 今津大貴
- [74] 范紀羅江律師行  
香港  
灣仔港灣道 6-8 號  
瑞安中心 23 樓

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- |      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | C07C 211/55<br>A61K 31/16 | [11] | 40086262<br>EP4114375 A1 |
|      |                           | [13] | A                        |
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|------|---------------------------|------|---------------------------|
| [51] | C07C 227/16<br>C07C 53/18 | [11] | 40086199<br>CN115244028 A |
|      |                           | [13] | A                         |
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|------|---------------------------|------|---------------------------|
| [51] | C07C 229/08<br>C07C 53/18 | [11] | 40086199<br>CN115244028 A |
|      |                           | [13] | A                         |
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|------|----------------------------|------|--------------------------|
| [51] | C07C 229/12<br>C07D 307/33 | [11] | 40086108<br>EP4112611 A2 |
|      |                            | [13] | A                        |
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|------|----------------------------|------|--------------------------|
| [51] | C07C 229/18<br>C07D 307/33 | [11] | 40086108<br>EP4112611 A2 |
|      |                            | [13] | A                        |
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|------|----------------------------|------|--------------------------|
| [51] | C07C 229/20<br>C07D 307/33 | [11] | 40086108<br>EP4112611 A2 |
|      |                            | [13] | A                        |
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|------|-------------|------|--------------|
| [51] | C07C 229/28 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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| [51] | C07C 23/34 | [11] | 40086209      |
|      | A61P 25/28 |      | CN115515682 A |
|      |            | [13] | A             |

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|------|-------------|------|--------------|
| [51] | C07C 233/40 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07C 233/49 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07C 233/63 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07C 233/83 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 237/06 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07C 237/12 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07C 237/30 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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[51] C07C 269/06 [11] 40086199  
C07C 53/18 CN115244028 A  
[13] A

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[51] C07C 271/22 [11] 40086199  
C07C 53/18 CN115244028 A  
[13] A

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[51] C07C 309/29 [11] 40086199  
C07C 53/18 CN115244028 A  
[13] A

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[51] C07C 311/06 [11] 40086108  
C07D 307/33 EP4112611 A2  
[13] A

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[51] C07C 311/13 [11] 40086108  
C07D 307/33 EP4112611 A2  
[13] A

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[51] C07C 53/18 [11] 40086199  
C07C 55/07 CN115244028 A  
C07C 227/16  
C07C 269/06  
C07C 309/29  
C07C 229/08  
C07C 271/22  
[13] A

[25] EN

[21] 62023071029.0 [22] 04.04.2023

[86] 18.12.2020 PCT/US2020/066047

[87] 24.06.2021 WO2021/127461

[30] 20.12.2019 CN,PCT/CN2019/127065

[54] METHODS OF SYNTHESIZING 4-VALYLOXYBUTYRIC ACID

4-羧基丁酸酐的合成方法

[71] XWPHARMA LTD.

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31119

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[72] XIANG, Jia-Ning 向家宁

SHIH, Hao-Wei 施昊巍

WU, Xiaoming 吴晓明

ZHANG, Xuan 张璇

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED

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[51] C07C 55/07

C07C 53/18

[11] 40086199

CN115244028 A

[13] A

[51] C07D 209/04

A61P 25/28

[11] 40086209

CN115515682 A

[13] A

[51] C07D 209/12

A61K 31/395

[11] 40086396

EP4121043 A1

[13] A

[51] C07D 209/88

A61K 31/403

A61P 35/00

[11] 40086149

CN116143683 A

[13] A

[25] ZH

[21] 42023075536.5

[22] 06.07.2023

[30] 19.11.2021 CN,202111410807.9

[54] TETRAHYDROCARBAZOLE COMPOUND, AND PHARMACEUTICAL COMPOSITION  
AND USE THEREOF

四氫呋嗪類化合物、其藥物組合物及用途

[71] NAIN BIOTECH (HANGZHOU) CO., LTD.

杭州拿因生物科技有限责任公司

Room 306, Building 2

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Hangzhou, Zhejiang, 311112

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[72] WANG, Yingjie 王英杰  
KANG, Bo 康博

[74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 231/12 | [11] | 40086363      |
|      | C07D 405/04 |      | CN115605470 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 231/14 | [11] | 40086363      |
|      | C07D 405/04 |      | CN115605470 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 231/56 | [11] | 40086041     |
|      |             |      | EP4101844 A1 |
|      |             | [13] | A            |

[25] EN

[21] 42023074406.2 [22] 13.06.2023

[30] 01.03.2012 US,201261605572P

[54] CRYSTALLINE FORM OF 1-(3-TERT-BUTYL-1-P-TOLYL-1H-PYRAZOL-5-YL)-3-(5-FLUORO-2-(1-(2-HYDROXYETHYL)-1H-INDAZOL-5-YLOXY)BENZYL)UREA HYDROCHLORIDE  
1-(3-叔丁基-1-對甲苯基-1H-吡唑-5-基)-3-(5-氟-2-(1-(2-羥乙基)-1H-吡唑-5-基氧基)苯甲基)脲鹽酸鹽的晶形

[71] Array BioPharma Inc.  
3200 Walnut Street  
Boulder, CO 80301  
UNITED STATES OF AMERICA

[72] ARRIGO, Alisha B.  
CORSON, Donald T.  
MANNILA, Coralee G.

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 235/30 | [11] | 40086336     |
|      | C07D 401/12 |      | EP4110764 A1 |
|      | C07D 403/12 |      |              |
|      | C07D 471/04 |      |              |
|      | C07D 403/14 |      |              |
|      | C07D 405/12 |      |              |

A61P 29/00  
A61K 31/4168  
C07D 413/14

[13] A

[25] EN

[21] 62023075273.0 [22] 30.06.2023

[86] 26.02.2021 PCT/US2021/019942

[87] 02.09.2021 WO2021/174023

[30] 26.02.2020 US, 62/981,907

[54] SMALL MOLECULE INHIBITORS OF SCL15A4 WITH ANTI-INFLAMMATORY  
ACTIVITY

具有抗炎活性的 SCL15A4 小分子的抑制劑

[71] THE SCRIPPS RESEARCH INSTITUTE  
10550 North Torrey Pines Road  
La Jolla, California 92037  
UNITED STATES OF AMERICA

[72] LAZAR, Daniel  
JADHAV, Appaso  
PARKER, Christopher George  
TEIJARO, John Ross

[74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG

[51] C07D 239/22 [11] 40086194  
C07D 405/04 EP4013742 A1  
C07D 405/14  
A61K 31/513  
A61P 33/06

[13] A

[25] EN

[21] 62022065388.0 [22] 08.12.2022

[86] 21.07.2020 PCT/CN2020/103178

[87] 18.02.2021 WO2021/027502

[30] 15.08.2019 WO, PCT/CN2019/100781

[54] ANTIMALARIAL AGENTS  
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[71] Merck Sharp & Dohme LLC  
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Rahway, New Jersey 07065  
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Parkville, VIC 3052  
AUSTRALIA

MSD R&D (China) Co., Ltd.  
L2-13, No. 21, Rongda Road  
Chaoyang District  
Beijing 100020  
CHINA

- [72] MCCAULEY, John A.  
COWMAN, Alan F.  
DE LERA RUIZ, Manuel  
FAVUZZA, Paola  
GUO, Zhuyan  
HU, Bin  
KELLY III, Michael J.  
LEI, Zhiyu  
OLSEN, David B.  
SLEEBS, Brad  
THOMPSON, Jennifer K.  
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ZHAN, Dongmei  
ZHANG, Cailing  
ZHAO, Lianyun
- [74] SFKS CK KWONG, SOLICITORS  
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- |      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 239/42 | [11] | 40086197      |
|      | C07D 401/04 |      | CN115397818 A |
|      |             | [13] | A             |
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|------|-------------|------|---------------|
| [51] | C07D 239/70 | [11] | 40086037      |
|      | A61J 3/00   |      | CN116172869 A |
|      |             | [13] | A             |
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|------|--------------|------|---------------|
| [51] | C07D 249/12  | [11] | 40086116      |
|      | C07D 401/12  |      | CN115557907 A |
|      | C07D 405/12  |      |               |
|      | C07D 403/12  |      |               |
|      | C07D 413/12  |      |               |
|      | A61P 29/00   |      |               |
|      | A61P 35/00   |      |               |
|      | A61P 35/02   |      |               |
|      | A61K 31/4196 |      |               |
|      | A61K 31/4439 |      |               |
|      | A61K 31/4709 |      |               |
|      | A61K 31/454  |      |               |
|      | A61K 31/506  |      |               |
|      | A61K 31/422  |      |               |

[13] A

[25] ZH

[21] 42023075358.4 [22] 03.07.2023

[30] 27.10.2016 CN,PCT/CN2016/103643

[54] 2,4,5-TRISUBSTITUTED 1,2,4-TRIAZOLONES USEFUL AS INHIBITORS  
OF DHODH

用作 DHODH 抑制劑的 2,4,5-三取代的 1,2,4-三唑酮

[71] Bayer Aktiengesellschaft

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STELLFELD, Timo T·斯特菲爾德

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SHEIKH, Sherif El S·E·謝赫

ZHOU, Han, Jie H·J·周

ZHAO, Changjia C·趙

SYKES, David, Brian D·B·賽克斯

FERRARA, Steven, James S·J·費拉拉

LIU, Kery K·劉

KRÖBER, Michael M·克羅伯

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NIEHUES, Michael M·尼胡斯

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[74] LIU, SHEN & ASSOCIATES  
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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 257/04 | [11] | 40086108     |
|      | C07D 307/33 |      | EP4112611 A2 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 263/48 | [11] | 40086278     |
|      | A61P 29/00  |      | EP4132649 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 277/28 | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 277/42 | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07D 279/18 | [11] | 40086356     |
|      | C02F 101/30 |      | EP4110735 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 285/15 | [11] | 40086356     |
|      | C02F 101/30 |      | EP4110735 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 307/33 | [11] | 40086108     |
|      | C07F 7/08   |      | EP4112611 A2 |
|      | C07C 237/30 |      |              |
|      | C07C 237/12 |      |              |
|      | C07C 237/06 |      |              |
|      | C07C 233/83 |      |              |

C07C 233/63  
C07C 233/49  
C07C 233/40  
C07D 257/04  
C07C 229/28  
C07C 229/12  
C07C 229/18  
C07C 229/20  
A61K 38/00  
C07C 311/06  
A61K 45/06  
C07C 311/13  
A61K 31/198  
A61K 31/223  
A61K 31/275

[13] A

[25] EN

[21] 42023075265.1 [22] 30.06.2023

[30] 23.10.2015 US,201562245553 P  
13.05.2016 US,201662336219 P

[54] MODULATORS OF SESTRIN-GATOR2 INTERACTION AND USES THEREOF  
SESTRIN-GATOR2 相互作用的調節劑和其用途

[71] Navitor Pharmaceuticals, Inc.  
1030 Massachusetts Avenue Suite 410  
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UNITED STATES OF AMERICA

[72] FETALVERO, Kristina Michelle  
NARAYAN, Sridhar  
O'NEILL, David John  
SAIAH, Eddine  
SENGUPTA, Shomit

[74] MARKS & CLERK  
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100 Cyberport Road, Pok Fu Lam  
HONG KONG

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[51] C07D 401/02 [11] 40086216  
A61K 31/506 EP4186508 A1  
[13] A

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[51] C07D 401/04 [11] 40086197  
C07D 403/04 CN115397818 A  
C07D 401/14  
C07D 239/42  
C07D 403/14  
A61K 31/506  
A61K 31/5377  
A61K 31/505

A61P 35/00

A61P 37/00

[13] A

[25] EN

[21] 62023071023.3 [22] 04.04.2023

[86] 29.03.2021 PCT/KR2021/003883

[87] 30.09.2021 WO2021/194326

[30] 27.03.2020 US,63/000,584

[54] AMINOPYRIMIDINE DERIVATIVES AND THEIR USE AS ARYL HYDROCARBON  
RECEPTOR MODULATORS

氨基嘧啶衍生物及其作為芳烴受體調節劑的應用

[71] DONG-A ST CO., LTD.

东亚 ST 株式会社

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REPUBLIC OF KOREA

[72] PARK, Jung-Sang 朴正祥

CHA, Daewon 车大元

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JOO, Min Sung 朱玟星

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DOH, Hyounmie 都贤美

SUNG, Hyun Jung 成铉贞

LEE, Bo Ryeong 李保伶

SONG, Seunghyun 宋胜显

KIM, Yoonjung 金鈞贞

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[51] C07D 401/12

C07D 249/12

[11] 40086116

CN115557907 A

[13] A

[51] C07D 401/12

A61K 31/16

[11] 40086262

EP4114375 A1

[13] A

[51] C07D 401/12

C07D 235/30

[11] 40086336

EP4110764 A1

[13] A

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[51] C07D 401/12 [11] 40086366  
A61K 9/48 EP4110304 A1  
[13] A

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[51] C07D 401/14 [11] 40086197  
C07D 401/04 CN115397818 A  
[13] A

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[51] C07D 401/14 [11] 40086209  
A61P 25/28 CN115515682 A  
[13] A

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[51] C07D 401/14 [11] 40086216  
A61K 31/506 EP4186508 A1  
[13] A

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[51] C07D 401/14 [11] 40086220  
C07D 417/14 EP4107152 A1  
A61K 35/02  
A61P 35/00  
[13] A

[25] EN

[21] 62023074647.6 [22] 17.06.2023

[86] 26.04.2021 PCT/US2021/029181

[87] 04.11.2021 WO2021/222114

[30] 28.04.2020 US,63/016,760

[54] BCL-2 PROTEIN INHIBITORS  
BCL-2 蛋白抑制劑

[71] Recurium IP Holdings, LLC  
10275 Science Center Drive, Suite 200, San Diego, CA 92121  
UNITED STATES OF AMERICA

[72] PINCHMAN, Joseph, Robert  
BUNKER, Kevin, Duane  
HUANG, Peter, Qinhua

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED  
Unit 503, 5/F., Tower 2, Lippo Centre  
89 Queensway, Admiralty  
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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 401/14 | [11] | 40086352     |
|      | C07D 471/04 |      | EP4110779 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 403/00 | [11] | 40086396     |
|      | A61K 31/395 |      | EP4121043 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C07D 403/04 | [11] | 40086197      |
|      | C07D 401/04 |      | CN115397818 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 403/12 | [11] | 40086113     |
|      | A61K 31/497 |      | EP4112615 A1 |
|      | A61P 35/00  |      |              |
|      | A61P 25/00  |      |              |
|      | A61P 31/00  |      |              |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42023075333.7 | [22] | 03.07.2023 |
|------|---------------|------|------------|

[30] 15.08.2014 US,201462038069P

[54] COMPOSITIONS COMPRISING ONE CRYSTALLINE FORM OF SELINEXOR  
包含塞利尼索的結晶形式的組合物

[71] Karyopharm Therapeutics Inc.  
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[72] AUSTAD, Brian Clinton  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 403/12 | [11] | 40086116      |
|      | C07D 249/12 |      | CN115557907 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 403/12 | [11] | 40086336     |
|      | C07D 235/30 |      | EP4110764 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 403/14 | [11] | 40086197      |
|      | C07D 401/04 |      | CN115397818 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | C07D 403/14 | [11] | 40086396     |
|      | A61K 31/395 |      | EP4121043 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 403/14 | [11] | 40086336     |
|      | C07D 235/30 |      | EP4110764 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07D 405/04 | [11] | 40086194     |
|      | C07D 239/22 |      | EP4013742 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 405/04 | [11] | 40086363      |
|      | C07D 231/12 |      | CN115605470 A |
|      | C07D 231/14 |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62023075405.8 [22] 04.07.2023

[86] 10.05.2021 PCT/FI2021/050343

[87] 18.11.2021 WO2021/229145

[30] 11.05.2020 FI,20207081

[54] METHOD FOR THE PREPARATION OF ANDROGEN RECEPTOR ANTAGONISTS  
AND INTERMEDIATES THEREOF  
製備雄激素受體拮抗劑及其中間體的方法

[71] ORION CORPORATION  
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[72] ARNE GRUMANN  
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[74] FEDERATION OF HONG KONG INDUSTRIES  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 405/12 | [11] | 40086116      |
|      | C07D 249/12 |      | CN115557907 A |

[13] A

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[51] C07D 405/12 [11] 40086336  
C07D 235/30 EP4110764 A1  
[13] A

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[51] C07D 405/14 [11] 40086194  
C07D 239/22 EP4013742 A1  
[13] A

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[51] C07D 405/14 [11] 40086352  
C07D 471/04 EP4110779 A1  
[13] A

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[51] C07D 413/12 [11] 40086116  
C07D 249/12 CN115557907 A  
[13] A

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[51] C07D 413/14 [11] 40086336  
C07D 235/30 EP4110764 A1  
[13] A

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[51] C07D 417/04 [11] 40086120  
C07D 417/14 EP4112616 A1  
C07D 277/42  
C07D 277/28  
C07D 417/12  
A61P 25/28  
A61P 35/00  
A61P 37/00  
A61K 31/427

[13] A

[25] EN

[21] 42023075371.7 [22] 03.07.2023

[30] 11.09.2017 US,201762556763 P  
30.07.2018 US,201862711959 P

[54] RAD51 INHIBITORS  
RAD51 抑制劑

[71] CYTEIR THERAPEUTICS, INC.  
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[72] CASTRO, Alfredo C.  
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MACLAY, Tyler

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 417/12 | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 417/14 | [11] | 40086120     |
|      | C07D 417/04 |      | EP4112616 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 417/14 | [11] | 40086220     |
|      | C07D 401/14 |      | EP4107152 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/04 | [11] | 40086068     |
|      | C07D 473/34 |      | EP4112618 A1 |
|      | A61K 31/437 |      |              |
|      | A61K 31/52  |      |              |
|      | A61P 35/00  |      |              |
|      | A61P 37/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 42023075106.7 [22] 29.06.2023

[30] 03.06.2015 US,201562170547 P  
28.12.2015 US,201562271689 P

[54] TYROSINE KINASE INHIBITORS  
酪氨酸激酶抑制劑

[71] Principia Biopharma Inc.  
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[72] GOLDSTEIN, David  
OWENS, Timothy D.

[74] WILKINSON & GRIST  
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- [51] C07D 471/04 [11] 40086070  
A61K 8/49 CN116120314 A  
A61Q 7/00  
A61K 31/437  
A61P 17/14  
[13] A
- [25] ZH
- [21] 42023075110.9 [22] 29.06.2023
- [30] 30.06.2017 US, 62/527, 775  
06.04.2018 US, 62/654, 095
- [54] COMPOSITIONS AND METHODS FOR MODULATING HAIR GROWTH  
用於調節毛髮生長的組合物和方法
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
加利福尼亚大学董事会  
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- [72] LOWRY, William, E. W·E·劳瑞  
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CHRISTOFK, Heather H·克里斯托夫  
LIU, Xiaoguang X·刘  
Aimee FLORES A·弗洛雷斯
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- [51] C07D 471/04 [11] 40086319  
A61K 31/496 EP4114835 A1  
A61P 35/00  
[13] A
- [25] EN
- [21] 62023075000.7 [22] 28.06.2023
- [86] 03.03.2021 PCT/GB2021/050531
- [87] 10.09.2021 WO2021/176216
- [30] 04.03.2020 GB, 2003100.1
- [54] SALTS AND POLYMORPHIC FORMS OF 6-CHLORO-7-(4-(4-  
CHLOROBENZYL) PIPERAZIN-1-YL)-2-(1,3-DIMETHYL-1H-PYRAZOL-4-  
YL)-3H-IMIDAZO[4,5-B]PYRIDINE  
6-氯-7-(4-(4-氯苄基)哌嗪-1-基)-2-(1,3-二甲基-1H-吡唑-4-基)-3H-咪  
唑並[4,5-B]吡啶的鹽和多晶型形式
- [71] Ellipses Pharma Ltd  
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London, W1J 8LG

UNITED KINGDOM

Institute of Cancer Research: Royal Cancer Hospital  
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[72] LOUGHREY, Jonathan  
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HALBERT, Gavin

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 471/04 | [11] | 40086328      |
|      | C07D 519/00 |      | CN115605488 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/04 | [11] | 40086336     |
|      | C07D 235/30 |      | EP4110764 A1 |
|      |             | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | C07D 471/04  | [11] | 40086352     |
|      | C07D 401/14  |      | EP4110779 A1 |
|      | C07D 405/14  |      |              |
|      | A61P 35/00   |      |              |
|      | A61K 31/4375 |      |              |
|      |              | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023075392.8 | [22] | 04.07.2023 |
|------|---------------|------|------------|

[86] 23.02.2021 PCT/US2021/019294

[87] 02.09.2021 WO2021/173591

[30] 24.02.2020 US, 62/980,954

04.12.2020 US, 63/121,418

[54] COMPOUNDS AND METHODS OF USE  
化合物和使用方法

[71] Exelixis, Inc.  
1851 Harbor Bay Parkway  
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[72] BANNEN, Lynne  
XU, Wei  
WANG, Yong  
RAUB, Andrew

SPANGLER, Benjamin

SALVANT, Justin

TSO, Kin

JIANG, Faming

[74] CHAN, TANG &amp; KWOK

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[51] C07D 473/34

C07D 471/04

[11] 40086068

EP4112618 A1

[13] A

[51] C07D 487/04

A61P 25/28

[11] 40086209

CN115515682 A

[13] A

[51] C07D 487/04

[11] 40086389

CN116249703 A

[13] A

[25] ZH

[21] 62023075741.6

[22] 10.07.2023

[86] 18.10.2021 PCT/CN2021/124469

[87] 30.06.2022 WO2022/134773

[30] 21.12.2020 CN,202011518497.8

[54] MACROCYCLIC K-RAS G12C INHIBITOR, PREPARATION METHOD THEREFOR  
AND USE THEREOF

一種大環 K-RAS G12C 抑制劑，其製備方法和用途

[71] ABBISKO THERAPEUTICS CO., LTD.

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YU, Hongping 喻紅平

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111 Gloucester Road

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[51] C07D 487/14 [11] 40086328  
C07D 519/00 CN115605488 A  
[13] A

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[51] C07D 497/14 [11] 40086122  
A61K 31/519 EP4112623 A1  
A61P 35/00  
[13] A

[25] EN

[21] 42023075385.7 [22] 04.07.2023

[30] 30.03.2017 EP,17163781  
29.09.2017 EP,17194084  
29.09.2017 US,201762565281P  
28.03.2018 AR,P180100778

[54] 2-OXO-THIAZOLE DERIVATIVES AS A2A INHIBITORS AND COMPOUNDS  
FOR USE IN THE TREATMENT OF CANCERS  
2-氧代-噻唑衍生物作為 A2A 抑制劑和用於治療癌症的化合物

[71] iTeos Belgium SA  
Rue des Frères Wright 29  
6041 Charleroi  
BELGIUM

[72] CROSIGNANI, Stefano  
GOMES, Bruno  
HOUTHUYS, Erica Joke Katelijne Heleen

[74] CHAN, TANG & KWOK  
Rooms 2503-4, 25/F, Shanghai Industrial Investment Building  
48-62 Hennessy Road, Wanchai  
HONG KONG

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[51] C07D 498/22 [11] 40086364  
A61K 31/529 CN115698020 A  
A61P 35/00  
[13] A

[25] EN

[21] 62023075406.6 [22] 04.07.2023

[86] 01.02.2021 PCT/EP2021/052255  
[87] 05.08.2021 WO2021/152165  
[30] 31.01.2020 EP,20154852.6

[54] MACROCYCLIC RIP2-KINASE INHIBITORS  
大環 RIP2-激酶抑制劑

[71] ONCODESIGN PRECISION MEDICINE (OPM)  
昂科迪塞恩精密医药公司 (OPM)  
18 RUE JEAN MAZEN, 21000 DIJON  
FRANCE

[72] LAMOTTE, YANN Y·拉莫特  
DODIC, NÉRINA N·多迪克

TAP, AURÉLIEN A·泰普

DENIS, ALEXIS A·丹尼斯

BRUSQ, JEAN-MARIE J-M·布鲁斯克

DAOUBI KHAMLIHI, MOURAD M·达乌比哈姆利奇

BENDERITTER, PASCAL ANDRÉ RENÉ P·A·R·班德利特

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

[51] C07D 519/00 [11] 40086328  
C07D 487/14 CN115605488 A  
A61P 31/12  
A61K 31/4188  
A61K 31/427  
A61K 38/53  
A61P 35/00  
A61P 37/02  
C07D 471/04

[13] A

[25] EN

[21] 62023075039.5 [22] 28.06.2023

[86] 05.05.2021 PCT/US2021/030928

[87] 11.11.2021 WO2021/226262

[30] 06.05.2020 US,63/021,045

[54] BIFUNCTIONAL DEGRADERS OF HEMATOPOIETIC PROGENITOR KINASE AND  
THERAPEUTIC USES THEREOF

造血祖細胞激酶的雙功能降解劑及其治療用途

[71] NURIX THERAPEUTICS, INC.

新銳思生物製藥股份有限公司

1700 Owens Street, Suite 205, San Francisco, California 94158

UNITED STATES OF AMERICA

GILEAD SCIENCES, INC.

吉聯亞科學股份有限公司

333 Lakeside Drive, Foster City, California 94404

UNITED STATES OF AMERICA

[72] SHUNATONA, Hunter P. 亨特·P·舒納托納

SHEARN-NANCE, Galen Paul 蓋倫·保羅·希恩-南斯

MITCHELL, Scott A. 斯科特·A·米切爾

BUELL, John 約翰·布爾

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED

Unit 503, 5/F., Tower 2, Lippo Centre

89 Queensway, Admiralty

HONG KONG

[51] C07F 7/08 [11] 40086108  
C07D 307/33 EP4112611 A2  
[13] A

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[51] C07K 14/005 [11] 40086277  
C12N 15/86 EP4107169 A1  
A61K 48/00  
[13] A

[25] EN

[21] 62023074859.7 [22] 23.06.2023

[86] 17.02.2021 PCT/US2021/018280

[87] 26.08.2021 WO2021/167919

[30] 18.02.2020 US, 62/977,838

11.05.2020 US, 63/023,003

[54] AAV CAPSID-PROMOTER INTERACTIONS AND CELL SELECTIVE GENE  
EXPRESSION

AAV 衣殼-啟動子相互作用和細胞選擇性基因表達

[71] The University of North Carolina at Chapel Hill  
109 Church Street Chapel Hill  
North Carolina 27516  
UNITED STATES OF AMERICA

[72] MCCOWN, Thomas  
POWELL, Sara  
SAMULSKI, Richard Jude

[74] ELLALAN  
26th - 28th Floors, The Hennessy  
256 Hennessy Road, Wanchai  
HONG KONG

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[51] C07K 14/005 [11] 40086348  
A61K 48/00 EP4142800 A1  
[13] A

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[51] C07K 14/005 [11] 40086362  
C12N 15/86 EP4110792 A1  
C12N 5/071  
C12N 7/00  
[13] A

[25] EN

[21] 62023075404.1 [22] 04.07.2023

[86] 25.02.2021 PCT/AU2021/050158

[87] 02.09.2021 WO2021/168509

[30] 25.02.2020 AU, 2020900529

[54] ADENO-ASSOCIATED VIRUS CAPSID POLYPEPTIDES AND VECTORS  
腺相關病毒衣殼多肽和載體

[71] Children's Medical Research Institute  
214 Hawkesbury Road  
Westmead, NSW 2145  
AUSTRALIA

The Sydney Children's Hospitals Network (Randwick and  
Westmead) (incorporating THE ROYAL ALEXANDRA HOSPITAL FOR  
CHILDREN)  
Corner Hawkesbury Road & Hainsworth Street  
Westmead, New South Wales 2145  
AUSTRALIA

Logicbio Therapeutics, Inc.  
65 Hayden Avenue  
Lexington, MA 02421  
UNITED STATES OF AMERICA

[72] LISOWSKI, Leszek  
CABANES CREUS, Marti  
ALEXANDER, Ian  
HEBBEN, Matthias Charles Jerome

[74] DCC HONG KONG LIMITED  
Suite 52, 48/F, Langham Place Office Tower  
8 Argyle Street, Mong Kok  
HONG KONG

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|      |             |      |               |
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| [51] | C07K 14/015 | [11] | 40086315      |
|      | C12N 15/864 |      | CN115552021 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | C07K 14/18  | [11] | 40086268     |
|      | A61K 39/215 |      | EP4117725 A1 |
|      |             | [13] | A            |

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| [51] | C07K 14/18 | [11] | 40086270     |
|      | A61K 39/00 |      | EP4117720 A1 |
|      |            | [13] | A            |

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| [51] | C07K 14/195 | [11] | 40086212      |
|      | C12Q 1/34   |      | CN115698041 A |
|      | C12N 9/22   |      |               |
|      | A61K 38/46  |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62023074496.8 [22] 14.06.2023  
[86] 22.12.2020 PCT/US2020/066672  
[87] 01.07.2021 WO2021/133829  
[30] 23.12.2019 US,62/952,909  
[54] CRISPR-CAS EFFECTOR POLYPEPTIDES AND METHODS OF USE THEREOF  
CRISPR-CAS 效應多肽及其使用方法  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
加利福尼亚大学董事会  
1111 FRANKLIN STREET, 12TH FLOOR, OAKLAND, CA 94607-5200  
UNITED STATES OF AMERICA  
[72] DOUDNA, JENNIFER A. J·F·班菲尔德  
AL-SHAYEB, BASEM J·A·多德纳  
BANFIELD, JILLIAN F. B·阿尔-沙耶布  
[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] C07K 14/195 [11] 40086338  
C12N 15/10 EP4133069 A2  
[13] A

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[51] C07K 14/20 [11] 40086294  
A61K 39/02 CN115698044 A  
A61P 31/00  
A61P 31/04  
[13] A

[25] EN

[21] 62023074888.6 [22] 26.06.2023  
[86] 09.04.2021 PCT/US2021/026599  
[87] 14.10.2021 WO2021/207615  
[30] 09.04.2020 EP,20169148.2  
09.04.2020 EP,20169147.4  
15.04.2020 EP,20169642.4  
22.07.2020 EP,20187283.5  
20.10.2020 EP,20202816.3  
23.02.2021 US,63/152,582  
[54] COMPOSITIONS COMPRISING THREE OSPA FUSION PROTEINS FOR  
MEDICAL USE  
用於醫學用途的包含三種 OSPA 融合蛋白的組合物  
[71] Valneva Austria GmbH  
瓦尔尼瓦奥地利有限责任公司  
Campus Vienna Biocenter 3, 1030 Vienna  
AUSTRIA  
奥地利

维也纳

Pfizer Inc.

辉瑞大药厂

66 Hudson Boulevard East, New York, New York 10001-2192

UNITED STATES OF AMERICA

美國

纽约州

- [72] BEZAY, Nicole 妮科尔·贝泽  
HOCHREITER, Romana 罗曼娜·霍赫赖特  
LUNDBERG, Urban 乌尔班·伦德贝格  
BAILEY, Steven, Russell 史蒂文·罗素·贝雷  
ANDERSON, Annaliesa, Sybil 安纳利萨·西比尔·安德森  
JANSEN, Kathrin, Ute 卡特林·乌特·扬森  
SCOTT, Daniel, Alfred 丹尼尔·艾尔弗雷德·斯克特
- [74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/415 | [11] | 40086250     |
|      | C12N 15/52  |      | EP4130274 A1 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C07K 14/435 | [11] | 40086387     |
|      | A61K 35/17  |      | EP4204438 A1 |
|      | C07K 14/725 | [13] | A            |
- [25] EN
- [21] 62023075739.0 [22] 10.07.2023
- [86] 27.08.2021 PCT/EP2021/073714
- [87] 03.03.2022 WO2022/043483
- [30] 27.08.2020 GB,2013477.1
- [54] NUCLEIC ACID CONSTRUCTS FOR EXPRESSING POLYPEPTIDES IN CELLS  
用於在細胞中表達多肽的核酸構建體
- [71] Quell Therapeutics Limited  
Translation and Innovation Hub  
3rd Floor 84 Wood Lane  
London  
Greater London, W12 0BZ  
UNITED KINGDOM
- [72] Jenny MCGOVERN
- [74] Deacons  
5th Floor, Alexandra House

18 Chater Road, Central  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/47  | [11] | 40086204     |
|      | A01K 67/027 |      | EP4099821 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | C07K 14/47 | [11] | 40086215     |
|      | C12N 15/86 |      | EP4114958 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 14/47  | [11] | 40086315      |
|      | C12N 15/864 |      | CN115552021 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 14/54 | [11] | 40086291     |
|      | A61K 47/68 |      | EP4126972 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07K 14/605 | [11] | 40086307     |
|      | A61K 38/00  |      | EP4132960 A2 |
|      | A61K 47/52  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023074974.4 [22] 27.06.2023

[86] 09.04.2021 PCT/IB2021/052948

[87] 14.10.2021 WO2021/205388

[30] 10.04.2020 IN,202011015687

[54] AN IMPROVED PROCESS FOR THE PREPARATION OF SEMAGLUTIDE SIDE  
CHAIN

索瑪魯肽側鏈的改進製備方法

[71] Fresenius Kabi Oncology Limited

B - 310, SOM DATT CHAMBERS - I, BHIKAJI CAMA PLACE, NEW DELHI  
INDIA

[72] PANDEY, MANEESH KUMAR

SHUKLA, SONU PRASAD

NAIN, SACHIN

SANDEEP, SANDEEP

MALE, SRIDHAR

SOKHI, SARBJOT SINGH

SINGH, GOVIND

LAHIRI, SASWATA

CABRI, WALTER

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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1 Harbour Road, Wanchai  
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[51] C07K 14/705 [11] 40086203  
A61P 1/16 EP4165069 A1  
A61P 9/10  
A61P 13/12  
A61P 25/28  
C07K 14/725  
C12N 5/0783

[13] A

[25] EN

[21] 62023071734.5 [22] 20.04.2023

[86] 11.06.2021 PCT/GB2021/051464

[87] 16.12.2021 WO2021/250428

[30] 11.06.2020 GB,2008855.5  
30.10.2020 GB,2017263.1[54] TREM2 CHIMERIC RECEPTOR  
TREM2 嵌合受體[71] Quell Therapeutics Limited  
Translation and Innovation Hub  
84 Wood Lane  
London W12 0BZ  
UNITED KINGDOMKing's College London  
London Greater London WC2R 2LS  
UNITED KINGDOM[72] Marc MARTINEZ-LLORDELLA  
Alberto SANCHEZ-FUEYO  
Simon BORNSCHEIN[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

[51] C07K 14/705 [11] 40086311  
C07K 14/725 EP4110805 A1  
[13] A

|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/705 | [11] | 40086313     |
|      | C07K 16/28  |      | EP4194467 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07K 14/705 | [11] | 40086342     |
|      | C07K 16/28  |      | EP4121457 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/705 | [11] | 40086350     |
|      | A61P 3/06   |      | EP4165068 A1 |
|      | A61P 9/12   |      |              |
|      | A61P 9/00   |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023075388.6 [22] 04.07.2023

[86] 09.06.2021 PCT/EP2021/065407

[87] 16.12.2021 WO2021/250069

[30] 10.06.2020 EP,20179285.0

[54] PHARMACEUTICAL COMPOUND FOR THE TREATMENT OF ATHEROSCLEROTIC  
CARDIOVASCULAR DISEASE

用於治療動脈粥樣硬化性心血管疾病的藥物化合物

[71] Ferring B.V.  
Polaris Avenue, 144, 2132 JX Hoofddorp  
NETHERLANDS

[72] SCHULTE, Dominik  
WAETZIG, Georg  
LAUDES, Matthias  
SCHREIBER, Stefan

[74] KSK IP AGENCY LIMITED  
FLAT/RM 1602A, 16/F, CAUSEWAY BAY COMMERCIAL BLDG  
3 SUGAR STREET, CAUSEWAY BAY  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/715 | [11] | 40086282     |
|      | A61K 39/395 |      | EP4106813 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/715 | [11] | 40086311     |
|      | C07K 14/725 |      | EP4110805 A1 |
|      |             | [13] | A            |

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[51] C07K 14/725 [11] 40086029  
C12N 15/12 CN115960204 A  
C07K 19/00  
C12N 5/10  
A61K 39/00  
A61P 35/00  
A61P 35/02  
G01N 33/573  
G01N 33/574  
[13] A

[25] ZH

[21] 42023073756.1 [22] 30.05.2023

[54] KRAS\_G12V MUTANT ANTIGEN SPECIFIC TCR AND ITS CO-EXPRESSION  
WITH CD8 TO REDIRECT CD4 T CELLS  
KRAS\_G12V 突變抗原特異性 TCR 及其與 CD8 共表達重定向 CD4 T 細胞

[71] 新景智源生物科技(苏州)有限公司  
中國  
苏州市苏州工业园区星湖街 218 号生物产业园 A4-314 室

[72] 彭松明  
安多  
钟山

[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
HONG KONG

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[51] C07K 14/725 [11] 40086198  
EP4149968 A1  
[13] A

[25] EN

[21] 62023071027.4 [22] 04.04.2023

[86] 12.05.2021 PCT/US2021/032098

[87] 18.11.2021 WO2021/231655

[30] 12.05.2020 US,63/023,751

[54] CHIMERIC ANTIGEN RECEPTOR SPACERS  
嵌合抗原受體間隔區

[71] Lyell Immunopharma, Inc.  
201 Haskins Way  
South San Francisco, CA 94080  
UNITED STATES OF AMERICA

[72] LAJOIE, Marc Joseph  
WEITZNER, Brian Douglas  
BOYKEN, Scott Edward  
PARK, Spencer  
SONG, Yun

[74] MARKS & CLERK  
Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/725 | [11] | 40086203     |
|      | C07K 14/705 |      | EP4165069 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/725 | [11] | 40086304     |
|      | C12N 5/0783 |      | EP4110901 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/725 | [11] | 40086311     |
|      | A61K 35/17  |      | EP4110805 A1 |
|      | A61K 39/00  |      |              |
|      | A61P 35/00  |      |              |
|      | A61P 35/02  |      |              |
|      | A61P 37/04  |      |              |
|      | C07K 14/705 |      |              |
|      | C07K 14/715 |      |              |
|      | C07K 16/28  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023074984.3 [22] 27.06.2023

[86] 24.02.2021 PCT/US2021/019362

[87] 02.09.2021 WO2021/173630

[30] 24.02.2020 US,US202062980914P

06.05.2020 US,US202063020713P

17.07.2020 US,US202063053409P

16.10.2020 US,US202063092681P

[54] BCMA CAR-T CELLS WITH ENHANCED ACTIVITIES  
具有增強活性的 BCMA CAR-T 細胞

[71] Allogene Therapeutics, Inc.  
210 E. Grand Avenue  
South San Francisco, California 94080  
UNITED STATES OF AMERICA

[72] LIN, Regina Junhui  
PANOWSKI, Siler  
SOMMER, Cesar Adolfo  
VAN BLARCOM, Thomas John  
SASU, Barbra Johnson  
BALAKUMARAN, Arun

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/725 | [11] | 40086387     |
|      | C07K 14/435 |      | EP4204438 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
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| [51] | C07K 16/00 | [11] | 40086143     |
|      | C12N 15/85 |      | EP4116427 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C07K 16/00 | [11] | 40086291     |
|      | A61K 47/68 |      | EP4126972 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07K 16/06  | [11] | 40086251     |
|      | C07K 16/18  |      | EP4126930 A1 |
|      | A61K 39/395 |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023074810.0 [22] 21.06.2023

[86] 29.03.2021 PCT/US2021/024644

[87] 07.10.2021 WO2021/202373

[30] 31.03.2020 US,63/002,791

[54] A METHOD TO PRODUCE AN IMMUNOGLOBULIN PREPARATION FROM C-1  
INHIBITOR DEPLETED PLASMA

由 C-1 抑制劑耗盡的血漿生產免疫球蛋白製劑的方法

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED  
1-1, DOSHOMACHI, 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0045  
JAPAN

[72] MAIS-PAUL, URSULA  
TESCHNER, WOLFGANG  
BRUCKSCHWAIGER, LEOPOLD  
GNAUER, LUCIA  
TALIR, BRIGITTE  
GRAND, SANDRA  
POT, GEOFFREY

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 16/10 | [11] | 40086331      |
|      | A61K 39/12 |      | CN115551548 A |

[13] A

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/18 | [11] | 40086049     |
|      | C07K 16/40 |      | EP4119577 A2 |
|      | A61K 39/00 |      |              |
|      | A61K 45/06 |      |              |

[13] A

|      |                                                                                                                                                                                           |      |            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| [25] | EN                                                                                                                                                                                        |      |            |
| [21] | 42023074746.1                                                                                                                                                                             | [22] | 04.03.2022 |
| [30] | 18.06.2012 US, 61/661,167                                                                                                                                                                 |      |            |
| [62] | 04.03.2022 42022049380.3                                                                                                                                                                  |      |            |
| [54] | COMPOSITIONS AND METHODS OF INHIBITING MASP-1 AND/OR MASP-2 AND/OR MASP-3 FOR THE TREATMENT OF VARIOUS DISEASES AND DISORDERS<br>用於治療各種疾病和病症的抑制 MASP-1 和/或 MASP2 和/或 MASP-3 的組合物和<br>方法   |      |            |
| [71] | Omeros Corporation<br>201 Elliott Avenue West<br>Seattle, WA 98119<br>UNITED STATES OF AMERICA<br><br>University of Leicester<br>9 University Road<br>Leicester LE1 7RH<br>UNITED KINGDOM |      |            |
| [72] | Schwaeble, Hans-Wilhelm<br>Demopulos, Gregory A.<br>Dudler, Thomas<br>Gray, Patrick                                                                                                       |      |            |
| [74] | WENPING PATENT & TRADE MARK AGENT LIMITED<br>1701 Tung Wai Commercial Building<br>111 Gloucester Road<br>HONG KONG                                                                        |      |            |

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|------|------------|------|--------------|
| [51] | C07K 16/18 | [11] | 40086251     |
|      | C07K 16/06 |      | EP4126930 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/18  | [11] | 40086312     |
|      | A61K 39/395 |      | EP4110391 A1 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | C07K 16/28 | [11] | 40086038      |
|      | C12N 15/13 |      | CN115594765 A |

A61K 39/395

A61P 35/00

A61P 31/00

[13] A

[25] ZH

[21] 42023074385.8 [22] 12.06.2023

[30] 02.10.2015 EP,15188095.2

19.05.2016 EP,16170363.2

[54] BISPECIFIC ANTIBODIES SPECIFIC FOR COSTIMULATORY TNF  
RECEPTORS

對共刺激性 TNF 受體特異性的雙特異性抗體

[71] F. HOFFMANN-LA ROCHE AG

豪夫迈·罗氏有限公司

Grenzacherstrasse 124, 4070 Basel

SWITZERLAND

瑞士

巴塞尔

[72] M·阿曼

P·布伦克尔

C·克劳斯

C·费拉拉科勒

S·格劳-理查兹

R·豪斯

C·克莱因

V·李维斯基

P·乌马纳

[74] 中港知識產權有限公司

香港

灣仔告士打道 151 號資本中心 15 樓 1502 室

[51] C07K 16/28

C12N 5/0783

[11] 40086170

EP4134430 A1

[13] A

[51] C07K 16/28

C12N 15/13

C12P 21/02

A61K 39/395

A61P 35/00

[11] 40086174

CN116284394 A

[13] A

[25] ZH

[21] 42023075725.4 [22] 10.07.2023

[30] 10.12.2021 CN,202111507685.5

- [54] ISOLATED ANTIGEN-BINDING PROTEIN AND USE THEREOF  
分離的抗原結合蛋白及其應用
- [71] 艾比瑪特醫藥科技(上海)有限公司  
中國  
200233 上海市徐匯區桂平路 333 號 1 號樓 3 樓
- [72] 王明橋  
潘榮  
蔣岳云  
王一強  
王朝暉
- [74] 天標知識產權代理有限公司  
香港  
九龍尖沙咀加連威老道 14 號  
加連威大廈 4 樓 A 座

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- [51] C07K 16/28 [11] 40086210  
A61K 39/395 EP4192869 A1  
A61P 35/02

[13] A

- [25] EN
- [21] 62023074494.3 [22] 14.06.2023
- [86] 02.08.2021 PCT/US2021/044113
- [87] 10.02.2022 WO2022/031567
- [30] 04.08.2020 US,63/060,786  
16.11.2020 US,63/114,363  
09.02.2021 US,63/147,507

- [54] TREATMENT OF B CELL MALIGNANCIES  
B 細胞惡性腫瘤的治療

- [71] Novartis AG  
Lichtstrasse 35  
4056 Basel  
SWITZERLAND

- [72] HASSOUNAH, Nadia  
CHAUDHURY, Anwasha  
CHOUDHURY, Somesh  
WOO, Janghee  
KUNDAMAL, Nicole Anju Punjabi

- [74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

- 
- [51] C07K 16/28 [11] 40086211  
A61K 39/395 EP4192870 A1  
A61P 35/02

[13] A

[25] EN

[21] 62023074495.0 [22] 14.06.2023

[86] 02.08.2021 PCT/US2021/044115

[87] 10.02.2022 WO2022/031568

[30] 04.08.2020 US, 63/060,786

[54] TREATMENT OF CLL

CLL 的治療

[71] Novartis AG

Lichtstrasse 35

4056 Basel

SWITZERLAND

[72] GOU, Liangke

HASSOUNAH, Nadia

WOO, Janghee

[74] MARKS &amp; CLERK

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[51] C07K 16/28

[11] 40086217

C12N 15/13

CN115515979 A

C12N 5/00

C12N 15/63

A61K 39/395

A61P 37/00

A61P 35/00

G01N 33/53

[13] A

[25] ZH

[21] 62023074614.6 [22] 16.06.2023

[86] 19.04.2021 PCT/CN2021/088139

[87] 28.10.2021 WO2021/213329

[30] 24.04.2020 CN, 202010331685.3

[54] ANTIBODY BINDING WITH SPECIFIC EPITOPE IN HUMAN IL-4R $\alpha$  AND

APPLICATIONS OF ANTIBODY

與人 IL-4R $\alpha$  中特定表位結合的抗體及其應用

[71] SUZHOU CONNECT BIOPHARMACEUTICALS LTD.

苏州康乃德生物医药有限公司

中國

江苏省苏州市太仓市北京西路 6 号

科技园研发东楼 3 楼

[72] YANG, Xin 杨欣

ZHANG, Limin 张立民

JIANG, Jie 蒋洁

XIA, Jing 夏静

PAN, Wubin 潘武賓

ZHENG, Wei 鄭偉

[74] Xiaoyu FAN  
10B, BLK 2, PEAK ONE  
63 MEITIN RD., TAIWAI  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/28  | [11] | 40086282     |
|      | A61K 39/395 |      | EP4106813 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/28 | [11] | 40086302     |
|      | A61K 39/00 |      | EP4106805 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/28 | [11] | 40086308     |
|      | A61P 25/28 |      | EP4110814 A1 |
|      | A61P 25/14 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023074975.1 [22] 27.06.2023

[86] 23.02.2021 PCT/US2021/019260

[87] 02.09.2021 WO2021/173565

[30] 24.02.2020 US, 62/980,929

[54] METHODS OF USE OF ANTI-TREM2 ANTIBODIES  
抗 TREM2 抗體的使用方法

[71] Alektor LLC  
131 Oyster Point Blvd, Suite 600, South San Francisco, CA  
94080  
UNITED STATES OF AMERICA

Washington University

One Brookings Drive, St. Louis, Missouri 63130

UNITED STATES OF AMERICA

[72] CIGNARELLA, Francesca  
FILIPELLO, Fabia  
BOLLMAN, Bryan  
ROSENTHAL, Arnon  
SCHWABE, Tina  
TASSI, Ilaria  
PICCIO, Laura

[74] HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED  
Room 1701, 17/F, Hong Kong Trade Centre  
Nos. 161-167 Des Voeux Road, Central  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/28  | [11] | 40086311     |
|      | C07K 14/725 |      | EP4110805 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/28  | [11] | 40086312     |
|      | A61K 39/395 |      | EP4110391 A1 |
|      |             | [13] | A            |

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|------|-------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | C07K 16/28                                                                                                  | [11] | 40086313     |
|      | C07K 14/705                                                                                                 |      | EP4194467 A1 |
|      | A61K 35/17                                                                                                  |      |              |
|      | A61P 35/00                                                                                                  |      |              |
|      |                                                                                                             | [13] | A            |
| [25] | KR                                                                                                          |      |              |
| [21] | 62023074987.6                                                                                               | [22] | 28.06.2023   |
| [86] | 30.04.2021 PCT/KR2021/005527                                                                                |      |              |
| [87] | 10.02.2022 WO2022/030730                                                                                    |      |              |
| [30] | 04.08.2020 KR,20200097546                                                                                   |      |              |
| [54] | ANTI-MESOTHELIN CHIMERIC ANTIGEN RECEPTOR SPECIFICALLY<br>BINDING TO MESOTHELIN<br>特異性結合間皮素的抗間皮素嵌合抗原受體      |      |              |
| [71] | Cellengene Inc<br>3F, 36 Chilpae-ro<br>Jung-gu, Seoul 04512<br>REPUBLIC OF KOREA                            |      |              |
| [72] | AN, Jae Hyung<br>HAN, Na Kyung                                                                              |      |              |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED<br>22/F, Great Eagle Centre, 23 Harbour Road<br>Wanchai<br>HONG KONG |      |              |

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|------|------------------------------|------|---------------|
| [51] | C07K 16/28                   | [11] | 40086337      |
|      | C12N 15/13                   |      | CN115698076 A |
|      | A61K 39/395                  |      |               |
|      | A61P 37/02                   |      |               |
|      |                              | [13] | A             |
| [25] | ZH                           |      |               |
| [21] | 62023075280.5                | [22] | 30.06.2023    |
| [86] | 30.06.2021 PCT/CN2021/103687 |      |               |
| [87] | 06.01.2022 WO2022/002153     |      |               |

- [30] 30.06.2020 CN,202010619083.8  
30.06.2020 CN,202010619111.6  
30.06.2020 CN,202010620778.8
- [54] DRUG FOR TREATING TUMOR  
用於治療腫瘤的藥物
- [71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.  
正大天晴藥業集團股份有限公司  
No.369 Yuzhou South Rd.  
Lianyungang, Jiangsu 222062  
CHINA
- [72] SU, Nan 蘇楠  
ZHANG, Xiquan 張喜全  
CHEN, Jie 陳傑  
WANG, Xunqiang 王訓強  
LI, Kun 李琨  
YU, Ding 於鼎  
WANG, Rongliang 汪榮亮
- [74] Sunhope Intellectual Property Limited Attn: Miss Fiona Ko  
ROOM 902, 9/F, QUALIPAK TOWER  
NO. 121-122 CONNAUGHT ROAD WEST  
HONG KONG
- 
- [51] C07K 16/28 [11] 40086342  
A61K 39/00 EP4121457 A1  
C07K 14/705  
A61P 35/00  
A61P 37/06
- [13] A
- [25] EN
- [21] 62023075379.5 [22] 04.07.2023
- [86] 19.03.2021 PCT/EP2021/057132
- [87] 23.09.2021 WO2021/186056
- [30] 20.03.2020 EP,20305298.0
- [54] CHIMERIC ANTIGEN RECEPTOR SPECIFIC FOR HUMAN CD45RC AND USES  
THEREOF  
人CD45RC特異的嵌合抗原受體及其用途
- [71] INSERM (Institut National de la Santé et de la Recherche  
Médicale)  
101 rue de Tolbiac  
75013 Paris  
FRANCE
- Nantes Université  
1 quai de Tourville  
44000 Nantes  
FRANCE

[72] GUILLONNEAU, Carole  
ANEGON, Ignacio

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG

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|------|-------------|------|--------------|
| [51] | C07K 16/28  | [11] | 40086377     |
|      | A61K 39/395 |      | EP4157352 A1 |
|      |             | [13] | A            |

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| [51] | C07K 16/30 | [11] | 40086133     |
|      |            |      | EP4119581 A1 |
|      |            | [13] | A            |

[25] EN

[21] 42023075451.7 [22] 05.07.2023

[54] NOVEL FAB DIMERS  
新型 FAB 二聚體

[71] Helmholtz Zentrum München Deutsches Forschungszentrum für  
Gesundheit und Umwelt GmbH  
Ingolstädter Landstrasse 1  
85764 Neuherberg  
GERMANY

[72] ZEIDLER, Reinhard

[74] MELVIN LI INTELLECTUAL PROPERTY LIMITED  
Level 35, Two Pacific Place  
88 Queensway, Admiralty  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/30 | [11] | 40086317     |
|      | A61K 47/68 |      | EP4121459 A1 |
|      | A61K 39/00 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023074993.4 [22] 28.06.2023

[86] 19.03.2021 PCT/US2021/023068

[87] 23.09.2021 WO2021/188851

[30] 19.03.2020 US,202062991843 P  
21.04.2020 US,202063013259 P

[54] ANTIBODIES AGAINST MUCIN 17 AND USES THEREOF  
針對粘蛋白 17 的抗體及其用途

[71] AMGEN INC.  
One Amgen Center Drive  
Thousand Oaks, CA 91320  
UNITED STATES OF AMERICA

[72] EDELMANN, Kurt  
BAILIS, Julie

[74] MELVIN LI INTELLECTUAL PROPERTY LIMITED  
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HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/30  | [11] | 40086377     |
|      | A61K 39/395 |      | EP4157352 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
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| [51] | C07K 16/40 | [11] | 40086049     |
|      | C07K 16/18 |      | EP4119577 A2 |
|      |            | [13] | A            |

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|      |            |      |              |
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| [51] | C07K 16/46 | [11] | 40086143     |
|      | C12N 15/85 |      | EP4116427 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/46 | [11] | 40086302     |
|      | A61K 39/00 |      | EP4106805 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 19/00  | [11] | 40086029      |
|      | C07K 14/725 |      | CN115960204 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 19/00 | [11] | 40086042      |
|      | C12N 15/62 |      | CN115925979 A |
|      | A61K 38/18 |      |               |
|      | A61K 38/26 |      |               |
|      | A61K 47/68 |      |               |
|      | A61P 1/16  |      |               |
|      | A61P 29/00 |      |               |
|      | A61P 3/04  |      |               |
|      | A61P 3/06  |      |               |
|      | A61P 3/10  |      |               |
|      | A61P 43/00 |      |               |
|      | A61P 9/00  |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42023074412.0 [22] 13.06.2023

[30] 28.10.2015 KR,10-2015-0150576

[54] DUAL FUNCTION PROTEINS AND PHARMACEUTICAL COMPOSITION  
COMPRISING SAME  
雙功能蛋白質和包含其的藥物組合物

[71] YUHAN CORPORATION  
株式会社柳韩洋行  
74, Noryangjin-ro, Dongjak-gu, Seoul 06927  
REPUBLIC OF KOREA  
大韓民國  
首尔

[72] KIM, Jun Hwan 金竣煥  
LIM, Seyoung 林世榮  
SEO, Minji 徐旻志  
CHOI, Hyun Ho 崔鉉浩  
KIM, Dohoon 金度勛  
JU, Mi Kyeong 朱美敬  
PARK, Ju-Young 朴珠英  
KIM, Seul Gi 金瑟吉  
LIM, Sangmyoun 林尚勉  
KIM, Jong Gyun 金鍾均  
NAM, Su Youn 南受延

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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[51] C07K 19/00 [11] 40086291  
A61K 47/68 EP4126972 A1  
[13] A

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[51] C07K 19/00 [11] 40086309  
C12N 5/10 EP4133059 A1  
[13] A

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[51] C07K 7/06 [11] 40086291  
A61K 47/68 EP4126972 A1  
[13] A

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[51] C07K 7/64 [11] 40086286  
A61K 47/54 EP4110400 A1

[13] A

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[51] C08B 3/06 [11] 40086287  
C08B 3/20 CN115698091 A  
C08L 23/06  
C08L 25/06

[13] A

[25] EN  
[21] 62023074874.6 [22] 25.06.2023  
[86] 22.04.2021 PCT/US2021/028541  
[87] 28.10.2021 WO2021/216803  
[30] 22.04.2020 US, 63/013,955  
[54] MOLDABLE AND MOLDED CELLULOSE-BASED STRUCTURAL MATERIALS, AND  
SYSTEMS AND METHODS FOR FORMING AND USE THEREOF  
可模塑的和模塑的基於纖維素的結構材料以及用於其形成的系統和方法和其用途  
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK  
马里兰大学派克分院  
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7809 Regents Drive, College Park, Maryland 20742  
UNITED STATES OF AMERICA  
[72] LIU, Yu 刘宇  
XIAO, Shaoliang 肖少良  
HU, Liangbing 胡良兵  
CHEN, Chaoji 陈朝吉  
[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
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No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
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[51] C08B 3/20 [11] 40086287  
C08B 3/06 CN115698091 A  
[13] A

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[51] C08F 2/48 [11] 40086327  
C08F 2/60 EP4136126 A1  
C08F 293/00  
C09B 57/00  
C09K 11/06  
G01N 21/64  
C09B 69/10

[13] A

[25] EN  
[21] 62023075037.9 [22] 28.06.2023  
[86] 15.04.2021 PCT/AU2021/050336

- [87] 21.10.2021 WO2021/207793
- [30] 15.04.2020 AU,2020901195
- [54] FLUORESCENT MACROMOLECULE AND USES THEREOF  
熒光大分子及其用途
- [71] Queensland University Of Technology  
Gardens Point Campus, 2 George Street  
Brisbane, QLD 4000  
AUSTRALIA
- [72] BARNER-KOWOLLIK, Christopher Winfried  
FEIST, Florian  
BLINCO, James Peter  
GOLDMANN, Anja Sabrina
- [74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED  
Suite 617, Lakeside 2  
No. 10 Science Park West Avenue, Hong Kong Science Park,  
Shatin, N.T.  
HONG KONG
- 
- [51] C08F 2/60 [11] 40086327  
C08F 2/48 EP4136126 A1  
[13] A
- 
- [51] C08F 293/00 [11] 40086327  
C08F 2/48 EP4136126 A1  
[13] A
- 
- [51] C08L 23/06 [11] 40086287  
C08B 3/06 CN115698091 A  
[13] A
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- [51] C08L 23/06 [11] 40086318  
CN116261579 A  
[13] A
- [25] EN
- [21] 62023074997.5 [22] 28.06.2023
- [86] 16.09.2021 PCT/IB2021/000625
- [87] 24.03.2022 WO2022/058789
- [30] 17.09.2020 US,63/204,179
- [54] TRANSPARENT REUSABLE ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE  
AIR FILTER  
透明的可重複使用的超高分子量聚乙烯空氣過濾器
- [71] THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY  
香港科技大學

Clear Water Bay, Kowloon  
HONG KONG

[72] Shu Kwan CHEUNG 张树君

Qiao GU 顾其傲

Ping GAO 高平

[74] YOU YI INTERNATIONAL INTELLECTUAL PROPERTY SERVICES LIMITED

Suite 1602, 16/F, Tower 1, China Hong Kong City

33 Canton Road, Tsim Sha Tsui, Kowloon

HONG KONG

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[51] C08L 25/06

C08B 3/06

[11] 40086287

CN115698091 A

[13] A

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[51] C08L 29/04

G09F 9/30

G09F 9/00

C08L 79/02

C08L 79/00

C08L 39/06

C09D 5/14

C09D 133/04

[11] 40086129

CN116265524 A

[13] A

[25] ZH

[21] 42023075424.4

[22] 04.07.2023

[30] 16.12.2021 US, 63/290, 613

[54] MULTILEVEL ANTIMICROBIAL POLYMERIC COLLOIDS AND DEVICE

SCREENS CONTAINING THE SAME

多級抗菌聚合物膠體和包含該膠體的設備屏幕

[71] THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

香港科技大學

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HONG KONG

[72] King Lun YEUNG 杨经伦

Dengyu JI 纪登宇

[74] YOU YI INTERNATIONAL INTELLECTUAL PROPERTY SERVICES LIMITED

Suite 1602, 16/F, Tower 1, China Hong Kong City

33 Canton Road, Tsim Sha Tsui, Kowloon

HONG KONG

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[51] C08L 39/06

C08L 29/04

[11] 40086129

CN116265524 A

[13] A

|      |            |      |               |
|------|------------|------|---------------|
| [51] | C08L 79/00 | [11] | 40086129      |
|      | C08L 29/04 |      | CN116265524 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C08L 79/02 | [11] | 40086129      |
|      | C08L 29/04 |      | CN116265524 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | C09B 57/00 | [11] | 40086327     |
|      | C08F 2/48  |      | EP4136126 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C09B 69/10 | [11] | 40086327     |
|      | C08F 2/48  |      | EP4136126 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 133/04 | [11] | 40086129      |
|      | C08L 29/04  |      | CN116265524 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C09D 5/14  | [11] | 40086129      |
|      | C08L 29/04 |      | CN116265524 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09J 101/08 | [11] | 40086351      |
|      | D04H 1/64   |      | CN115917068 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09J 11/06  | [11] | 40086107      |
|      | D04H 1/4209 |      | CN115637531 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09J 11/08  | [11] | 40086107      |
|      | D04H 1/4209 |      | CN115637531 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09J 161/10 | [11] | 40086107      |
|      | D04H 1/4209 |      | CN115637531 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C09K 11/06 | [11] | 40086327     |
|      | C08F 2/48  |      | EP4136126 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12M 1/02   | [11] | 40086123      |
|      | B01F 33/453 |      | CN115569580 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 1/15  | [11] | 40086250     |
|      | C12N 15/52 |      | EP4130274 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 1/19  | [11] | 40086250     |
|      | C12N 15/52 |      | EP4130274 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 1/21  | [11] | 40086250     |
|      | C12N 15/52 |      | EP4130274 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/10  | [11] | 40086204     |
|      | A01K 67/027 |      | EP4099821 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/10 | [11] | 40086235     |
|      | C12N 9/22  |      | EP4103704 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/10  | [11] | 40086238     |
|      | C12N 15/11  |      | EP4107262 A1 |
|      | C12Q 1/68   |      |              |
|      | C12Q 1/6806 |      |              |

C12Q 1/6844

C12Q 1/6869

[13] A

[25] EN

[21] 62023074765.6 [22] 20.06.2023

[86] 22.02.2021 PCT/US2021/019126

[87] 26.08.2021 WO2021/168455

[30] 20.02.2020 US,202062979235 P

[54] METHODS OF SPATIALLY RESOLVED SINGLE CELL RNA SEQUENCING

空間分辨單細胞 RNA 測序方法

[71] The Regents of the University of California

1111 Franklin Street, Twelfth Floor

Oakland, CA 94607

UNITED STATES OF AMERICA

[72] CHOW, Eric

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BOGDANOFF, Derek

WOO, Jonathan

YE, Chun Jimmie

[74] GLOBAL ZEN IP SERVICES LIMITED

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[51] C12N 15/10

A01N 1/02

[11] 40086329

EP4110051 A1

[13] A

[51] C12N 15/10

C07K 14/195

C12N 9/22

[11] 40086338

EP4133069 A2

[13] A

[25] EN

[21] 62023075326.6 [22] 03.07.2023

[86] 07.04.2021 PCT/EP2021/059062

[87] 14.10.2021 WO2021/204877

[30] 08.04.2020 US,202063006997P

22.10.2020 US,202063104123P

[54] COMPOSITIONS AND METHODS FOR IMPROVED SITE-SPECIFIC  
MODIFICATION

用於改善的位點特異性修飾的組合物和方法

[71] Astrazeneca AB

151 85 Södertälje

SWEDEN

[72] MARESCA, Marcello

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] C12N 15/11 [11] 40086055  
C12Q 1/6806 CN116083423 A  
C12Q 1/6886  
G16B 25/20 [13] A

[25] ZH  
[21] 42023075062.2 [22] 28.06.2023  
[30] 16.05.2022 CN,202210530059.6

[54] PROBE FOR TARGETED ENRICHMENT OF NUCLEIC ACIDS  
一種靶向富集核酸的探針

[71] 纳昂达(南京)生物科技有限公司  
中國  
江苏省南京市江北新区华康路 142 号  
南京生物医药谷加速器三期 A01 栋南侧 3-4 层 210000

[72] 汪彪  
余丽萍  
吴强

[74] 北京博浩百睿知識產權代理有限責任公司  
香港  
銅鑼灣糖街 3 號  
銅鑼灣商業大廈 16 層 1602A

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[51] C12N 15/11 [11] 40086204  
A01K 67/027 EP4099821 A1  
[13] A

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[51] C12N 15/11 [11] 40086238  
C12N 15/10 EP4107262 A1  
[13] A

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[51] C12N 15/113 [11] 40086048  
A61K 31/713 CN115572725 A  
A61K 47/54  
A61P 3/06  
A61P 3/10  
A61P 9/00  
A61P 9/10  
A61P 13/12

[13] A

[25] ZH

[21] 42023074710.7 [22] 20.06.2023

[30] 21.06.2021 CN, 202110688187.9

[54] SIRNA INHIBITING ANGPTL3 GENE EXPRESSION, AND USE THEREOF

一種抑制 ANGPTL3 基因表達的 SIRNA 及其用途

[71] SHANGHAI JUNSHI BIOSCIENCES CO., LTD.

上海君實生物醫藥科技股份有限公司

FLOOR 13, BUILDING 2, NOS. 36 AND 58, HAIQU ROAD

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CHINA

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蘇州君盟生物醫藥科技有限公司

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[72] 潘雋

馬辛辛

宋培明

吳純

馮輝

姚盛

呂佳聲

司楊海嘯

殷毅杰

郭萬濤

李海明

陳大為

顧家敏

孔憲起

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE

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128 Gloucester Road

HONG KONG

[51] C12N 15/113

A61K 38/46

[11] 40086190

GB2609346 A

[13] A

[51] C12N 15/113

C12N 5/10

[11] 40086309

EP4133059 A1

[13] A

|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/113 | [11] | 40086382     |
|      | A61K 39/25  |      | EP4117726 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/113 | [11] | 40086383     |
|      | A61K 39/00  |      | EP4117719 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/117 | [11] | 40086382     |
|      | A61K 39/25  |      | EP4117726 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/117 | [11] | 40086383     |
|      | A61K 39/00  |      | EP4117719 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12N 15/12  | [11] | 40086029      |
|      | C07K 14/725 |      | CN115960204 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12N 15/12  | [11] | 40086178      |
|      | C12N 15/864 |      | CN115976105 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/12 | [11] | 40086320     |
|      | C12N 15/63 |      | EP4163375 A1 |
|      | A61K 48/00 |      |              |
|      | A61P 27/02 |      |              |
|      | A61P 25/00 |      |              |
|      |            | [13] | A            |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62023075002.3 | [22] | 28.06.2023 |
|------|---------------|------|------------|

[86] 30.03.2020 PCT/CN2020/082162

[87] 07.10.2021 WO2021/195876

[54] EXPRESSION VECTOR OF HUMAN NUCLEAR FACTOR E2-RELATED FACTOR 2  
AND APPLICATION OF EXPRESSION VECTOR  
一種人核因子 E2 相關因子 2 的表達載體及其應用

[71] Wuhan Neuropth Biotechnology Limited Company  
C270-271, 3rd Floor, B1, R&D Building  
Project B, C, D Area, Wuhan National Bio, Industry Base

No. 666 Hi-tech Avenue, East Lake  
New Technology Development Zone  
Wuhan, Hubei 430060  
CHINA

[72] LIU, Ting  
LI, Bin

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C12N 15/13 | [11] | 40086038      |
|      | C07K 16/28 |      | CN115594765 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/13  | [11] | 40086170     |
|      | C12N 5/0783 |      | EP4134430 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C12N 15/13 | [11] | 40086174      |
|      | C07K 16/28 |      | CN116284394 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C12N 15/13 | [11] | 40086217      |
|      | C07K 16/28 |      | CN115515979 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C12N 15/13 | [11] | 40086337      |
|      | C07K 16/28 |      | CN115698076 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/29 | [11] | 40086250     |
|      | C12N 15/52 |      | EP4130274 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/52  | [11] | 40086250     |
|      | C07K 14/415 |      | EP4130274 A1 |
|      | C12N 1/15   |      |              |
|      | C12N 1/19   |      |              |
|      | C12N 1/21   |      |              |

C12N 5/10  
C12N 15/29

[13] A

[25] JA

[21] 62023074806.8 [22] 21.06.2023

[86] 31.03.2021 PCT/JP2021/014096

[87] 07.10.2021 WO2021/201198

[30] 31.03.2020 JP,2020-065065

[54] METHOD FOR EDITING TARGET RNA

編輯靶標 RNA 的方法

[71] EDITFORCE, INC.

1-9-17, TENJIN, CHUO-KU, FUKUOKA-SHI, FUKUOKA, 810-0001  
JAPAN

[72] ICHINOSE MIZUHO

GUTMANN BERNARD

YAGI YUSUKE

AKAIWA YUMI

SHIMAJIRI YASUKA

NAKAMURA TAKAHIRO

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED

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[51] C12N 15/54 [11] 40086309  
C12N 5/10 EP4133059 A1  
[13] A

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[51] C12N 15/62 [11] 40086042  
C07K 19/00 CN115925979 A  
[13] A

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[51] C12N 15/62 [11] 40086291  
A61K 47/68 EP4126972 A1  
[13] A

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[51] C12N 15/62 [11] 40086309  
C12N 5/10 EP4133059 A1  
[13] A

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[51] C12N 15/63 [11] 40086217  
C07K 16/28 CN115515979 A

[13] A

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[51] C12N 15/63 [11] 40086309  
C12N 5/10 EP4133059 A1  
[13] A

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[51] C12N 15/63 [11] 40086320  
C12N 15/12 EP4163375 A1  
[13] A

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[51] C12N 15/70 [11] 40086136  
C12N 5/09 CN115896027 A  
[13] A

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[51] C12N 15/77 [11] 40086345  
CN116323951 A  
[13] A

[25] KR

[21] 62023075382.9 [22] 04.07.2023

[86] 30.06.2021 PCT/KR2021/008262

[87] 17.03.2022 WO2022/055094

[30] 09.09.2020 KR,10-2020-0115570

[54] A RECOMBINANT MICROORGANISM FOR PRODUCING L-GLUTAMIC ACID AND  
A METHOD FOR PRODUCING L-GLUTAMIC ACID USING THE SAME  
生產 L-谷氨酸的重組微生物及利用其生產 L-谷氨酸的方法

[71] CJ CHEILJEDANG CORPORATION  
CJ 第一制糖株式会社  
500, NAMDAEMUNRO 5-GA, JUNG-GU, SEOUL  
REPUBLIC OF KOREA

[72] KWON, NARA 权娜罗  
SONG, GYUHYEON 宋规显  
LEE, JIN NAM 李珍南  
BONG, HYUN-JU 奉贤珠  
SEO, CHANG IL 徐昌一  
LEE, AH REUM A·R·李

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[51] C12N 15/85 [11] 40086143  
A01K 67/027 EP4116427 A1  
C07K 16/00  
C07K 16/46

[13] A

[25] EN

[21] 42023075499.6 [22] 06.07.2023

[30] 17.05.2012 GB,20120008708

[54] IN VIVO GUIDED SELECTION & ANTIBODIES  
體內指導選擇和抗體

[71] Kymab Limited  
The Bennet Building (B930)  
Babraham Research Campus, Cambridge CB22 3AT  
UNITED KINGDOM

[72] GERMASCHEWSKI, Volker  
LEE, E-Chiang  
ALI, Hanif  
CLUBE, Jasper

[74] LAU, HORTON & WISE LLP  
8th Floor, Nexxus Building  
41 Connaught Road Central  
HONG KONG

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[51] C12N 15/86 [11] 40086215  
C07K 14/47 EP4114958 A1  
A61K 38/17  
A61K 48/00

[13] A

[25] EN

[21] 62023074510.6 [22] 14.06.2023

[86] 19.02.2021 PCT/US2021/018919

[87] 26.08.2021 WO2021/168362

[30] 21.02.2020 US,62/979,792

[54] COMPOSITIONS AND METHODS FOR TREATING NON-AGE-ASSOCIATED  
HEARING IMPAIRMENT IN A HUMAN SUBJECT  
用於治療人受試者的非年齡相關性聽力損傷的組合物和方法

[71] Akouos, Inc.  
阿庫斯股份有限公司  
645 Summer Street, Suite 200  
Boston, MA 02210  
UNITED STATES OF AMERICA

[72] SIMONS, Emmanuel John E·J·西蒙斯  
NG, Robert R·黃

[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
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HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/86  | [11] | 40086268     |
|      | A61K 39/215 |      | EP4117725 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/86 | [11] | 40086270     |
|      | A61K 39/00 |      | EP4117720 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/86 | [11] | 40086276     |
|      |            |      | EP4118217 A1 |
|      |            | [13] | A            |

[25] EN

[21] 62023074857.1 [22] 23.06.2023

[86] 11.03.2021 PCT/GB2021/050620

[87] 16.09.2021 WO2021/181108

[30] 13.03.2020 GB,2003709.9

13.03.2020 GB,2003710.7

13.03.2020 GB,2003711.5

[54] LENTIVIRAL VECTORS

慢病毒載體

[71] Oxford BioMedica (UK) Limited

Windrush Court

Transport Way

Oxford, OX4 6LT

UNITED KINGDOM

[72] Jordan WRIGHT

[74] Deacons

5th Floor, Alexandra House

18 Chater Road, Central

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/86  | [11] | 40086277     |
|      | C07K 14/005 |      | EP4107169 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/86 | [11] | 40086348     |
|      | A61K 48/00 |      | EP4142800 A1 |
|      |            | [13] | A            |

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[51] C12N 15/86 [11] 40086362  
C07K 14/005 EP4110792 A1  
[13] A

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[51] C12N 15/86 [11] 40086370  
A61K 38/17 EP4178603 A1  
[13] A

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[51] C12N 15/864 [11] 40086178  
C12N 15/12 CN115976105 A  
[13] A

[25] ZH

[21] 42023075760.1 [22] 11.07.2023

[30] 24.09.2015 US, 62/232008

[54] COMPOSITION AND METHOD FOR TREATING COMPLEMENT-MEDIATED  
DISEASE

用於治療補體介導的疾病的組合物和方法

[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA  
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[72] WENCHAO SONG  
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[51] C12N 15/864 [11] 40086315  
C07K 14/47 CN115552021 A  
C07K 14/015  
A61K 48/00  
A61K 38/17  
A61K 38/16  
[13] A

[25] EN

[21] 62023074990.0 [22] 28.06.2023

[86] 26.04.2021 PCT/US2021/029253

[87] 04.11.2021 WO2021/222148

[30] 27.04.2020 US, 63/016246  
06.10.2020 US, 63/088432

[54] ADENO-ASSOCIATED VARIANTS, FORMULATIONS AND METHODS FOR  
PULMONARY DELIVERY

用於肺遞送的腺相關變體、製劑和方法

[71] 4D MOLECULAR THERAPEUTICS INC.  
5858 HORTON STREET, SUITE 455  
EMERYVILLE, CA 94608  
UNITED STATES OF AMERICA

[72] KOTTERMAN, Melissa  
FRANCIS, Peter  
CALTON, Melissa  
GONZALES, Johnny  
CROZE, Roxanne  
SCHMITT, Christopher

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/87 | [11] | 40086381     |
|      | C12N 5/07  |      | EP4127135 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/90  | [11] | 40086204     |
|      | A01K 67/027 |      | EP4099821 A1 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | C12N 5/00  | [11] | 40086217      |
|      | C07K 16/28 |      | CN115515979 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | C12N 5/07  | [11] | 40086381     |
|      | C12N 15/87 |      | EP4127135 A1 |
|      |            | [13] | A            |

[25] EN

[21] 62023075431.4 [22] 04.07.2023

[86] 02.04.2021 PCT/EP2021/058794

[87] 07.10.2021 WO2021/198508

[30] 02.04.2020 EP,20167813.3

[54] DUAL BIFUNCTIONAL VECTORS FOR AAV PRODUCTION

用於產生 AAV 的雙雙功能載體

[71] uniQure biopharma B.V.  
Paasheuvelweg 25

Amsterdam, 1105 BP  
NETHERLANDS

[72] David, Johannes, Francois DU PLESSIS  
ANGGAKUSUMA  
Sebastiaan Menno BOSMA  
Jacek LUBELSKI

[74] Deacons  
5th Floor, Alexandra House  
18 Chater Road, Central  
HONG KONG

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|------|-------------|------|--------------|
| [51] | C12N 5/071  | [11] | 40086362     |
|      | C07K 14/005 |      | EP4110792 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C12N 5/0781 | [11] | 40086136      |
|      | C12N 5/09   |      | CN115896027 A |
|      |             | [13] | A             |

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| [51] | C12N 5/0783                                                                                                     | [11] | 40086170     |
|      | C12N 5/10                                                                                                       |      | EP4134430 A1 |
|      | A61K 35/17                                                                                                      |      |              |
|      | C07K 16/28                                                                                                      |      |              |
|      | C12N 15/13                                                                                                      |      |              |
|      |                                                                                                                 | [13] | A            |
| [25] | EN                                                                                                              |      |              |
| [21] | 42023075585.2                                                                                                   | [22] | 07.07.2023   |
| [30] | 06.02.2015 US, 62/112,765                                                                                       |      |              |
|      | 10.03.2015 US, 62/130,970                                                                                       |      |              |
| [54] | METHODS FOR ENHANCING EFFICACY OF THERAPEUTIC IMMUNE CELLS<br>用於增強治療性免疫細胞的功效的方法                                 |      |              |
| [71] | National University of Singapore<br>21 Lower Kent Ridge Road<br>Singapore 119077<br>SINGAPORE                   |      |              |
| [72] | CAMPANA, Dario<br>KAMIYA, Takahiro                                                                              |      |              |
| [74] | SFKS CK KWONG, SOLICITORS<br>17th Floor, Chu Kong Shipping Tower<br>No. 143 Connaught Road Central<br>HONG KONG |      |              |

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|------|-------------|------|---------------|
| [51] | C12N 5/0783 | [11] | 40086176      |
|      | C12N 5/0784 |      | CN116376825 A |

C12N 5/0786

A61K 35/17

A61P 35/00

A61K 39/245

A61K 45/06

A61P 31/22

[13] A

[25] ZH

[21] 42023075753.6 [22] 10.07.2023

[30] 14.09.2015 US, 62/218,366

16.02.2016 US, 62/295,708

[54] NK CELLS EXHIBITING AN ADAPTIVE PHENOTYPE AND METHODS FOR  
PREPARING AND FOR USING

表現出適應性表型的NK細胞以及製備和使用方法

[71] Regents of the University of Minnesota

明尼苏达大学董事会

600 McNamara Alumni Center

200 Oak Street SE, Minneapolis, MN 55455-2020

UNITED STATES OF AMERICA

[72] MILLER, Jeffrey J·米勒

CICHOCKI, Frank F·茨彻西可

BRYCESON, Yenan Y·布赖森

SCHLUMS, Heinrich H·施卢姆斯

[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.

Flat B, 38/F, South Tower 3

Phase 2, Residence Bal-Air

HONG KONG

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[51] C12N 5/0783 [11] 40086196  
A61K 35/12 EP4072567 A2  
[13] A

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[51] C12N 5/0783 [11] 40086203  
C07K 14/705 EP4165069 A1  
[13] A

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[51] C12N 5/0783 [11] 40086304  
C07K 14/725 EP4110901 A1  
A61K 35/17  
A61K 31/663  
[13] A

[25] EN

[21] 62023074968.6 [22] 27.06.2023

[86] 23.02.2021 PCT/US2021/019252

- [87] 02.09.2021 WO2021/173560
- [30] 24.02.2020 US,62/980,844  
11.06.2020 US,63/038,008  
24.09.2020 US,63/082,881
- [54] METHODS FOR EXPANDING T CELLS FOR THE TREATMENT OF CANCER AND  
RELATED MALIGNANCIES  
擴增 T 細胞治療癌症和相關惡性腫瘤的方法
- [71] immatics US, Inc.  
2201 W. Holcombe Blvd., Suite 205  
Houston TX 77030  
UNITED STATES OF AMERICA
- [72] MATA, Melinda  
KALRA, Mamta  
MOHAMED, Ali  
WALTER, Steffen  
BULLIARD, Yannick
- [74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED  
Suite 617, Lakeside 2  
No. 10 Science Park West Avenue  
Hong Kong Science Park, Shatin, N.T.  
HONG KONG

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|------|-------------|------|--------------|
| [51] | C12N 5/0783 | [11] | 40086309     |
|      | C12N 5/10   |      | EP4133059 A1 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C12N 5/0784 | [11] | 40086033     |
|      | A61K 35/15  |      | EP4159222 A1 |
|      |             | [13] | A            |
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|------|-------------|------|---------------|
| [51] | C12N 5/0784 | [11] | 40086176      |
|      | C12N 5/0783 |      | CN116376825 A |
|      |             | [13] | A             |
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|------|-------------|------|--------------|
| [51] | C12N 5/0786 | [11] | 40086033     |
|      | A61K 35/15  |      | EP4159222 A1 |
|      |             | [13] | A            |
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|------|-------------|------|---------------|
| [51] | C12N 5/0786 | [11] | 40086176      |
|      | C12N 5/0783 |      | CN116376825 A |
|      |             | [13] | A             |
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[51] C12N 5/09 [11] 40086136  
C12N 5/0781 CN115896027 A  
C12N 15/70  
C12Q 1/6886  
C12Q 1/6869  
C12R 1/91  
[13] A

[25] ZH  
[21] 42023075467.3 [22] 05.07.2023  
[30] 07.04.2022 CN, 202210357925.6  
[54] A BIOLOGICAL COMPOSITION, PREPARATION METHOD AND APPLICATION  
THEREOF  
一種生物組合物、其製備方法及應用

[71] 广州燃石医学检验所有限公司  
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广东省广州市黄埔区广州国际生物岛  
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[72] 李冰思  
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李晓玲  
张立辰  
汉雨生

[74] 百睿知識產權有限公司  
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新界沙田香港科學園  
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[51] C12N 5/10 [11] 40086029  
C07K 14/725 CN115960204 A  
[13] A

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[51] C12N 5/10 [11] 40086170  
C12N 5/0783 EP4134430 A1  
[13] A

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[51] C12N 5/10 [11] 40086221  
CN116234901 A  
[13] A

[25] JA  
[21] 62023074649.2 [22] 18.06.2023  
[86] 27.08.2021 PCT/JP2021/031431  
[87] 03.03.3022 WO2022/045273

- [30] 28.08.2020 JP,2020-145100
- [54] MUTANT OF  $\alpha$ -N-ACETYLGLUCOSAMINIDASE  
 $\alpha$ -N-乙酰氨基葡萄糖苷酶的突變體
- [71] JCR PHARMACEUTICALS CO., LTD.  
JCR 制药股份有限公司  
3-19, Kasuga-cho  
Ashiya-shi, Hyogo 6590021  
JAPAN
- [72] TAKAHASHI, Kenichi 高桥健一  
KUBOTA, Saki 久保田纱希  
Zolotaryov, Fyodor N. F·N·佐洛塔寥夫
- [74] CHINA SINDA INTELLECTUAL PROPERTY LIMITED  
Suite 3301, One Exchange Square, Central  
HONG KONG

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- |      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 5/10  | [11] | 40086250     |
|      | C12N 15/52 |      | EP4130274 A1 |
|      |            | [13] | A            |
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|------|--------------|------|--------------|
| [51] | C12N 5/10    | [11] | 40086309     |
|      | A61K 31/7088 |      | EP4133059 A1 |
|      | A61K 31/7105 |      |              |
|      | A61K 35/17   |      |              |
|      | A61K 38/46   |      |              |
|      | A61P 35/00   |      |              |
|      | A61P 37/02   |      |              |
|      | C07K 19/00   |      |              |
|      | C12N 15/113  |      |              |
|      | C12N 15/54   |      |              |
|      | C12N 15/62   |      |              |
|      | C12N 15/63   |      |              |
|      | C12N 5/0783  |      |              |
|      | C12N 9/22    |      |              |

[13] A

- [25] EN
- [21] 62023074976.9 [22] 27.06.2023
- [86] 07.04.2021 PCT/CA2021/050464
- [87] 14.10.2021 WO2021/203200
- [30] 07.04.2020 US,63/006,455
- [54] COMPOSITIONS AND METHODS FOR ENHANCING ACTIVATION AND  
CYTOLYTIC ACTIVITY OF CD8+ T CELLS THROUGH DISRUPTION OF THE  
SAGA (SPT-ADA-GCN5-ACETYLTRANSFERASE) COMPLEX  
通過破壞 SAGA (SPT-ADA-GCN5-乙酰轉移酶) 複合物來增強 CD8+T 細胞的活化和  
溶細胞活性的組合物和方法
- [71] University Health Network  
190 Elizabeth Street, R. Fraser Elliott Building - Room 1S-

417

Toronto, Ontario M5G 2C4

CANADA

[72] DINIZ DE CARVALHO, Daniel

HE, Housheng

ETTAYEBI, Ilias

SOARES, Fraser

LOO YAU, Helen

[74] HONG KONG KING&amp;SUN INTELLIGENCE CONSULTANCY LIMITED

Room 1701, 17/F, Hong Kong Trade Centre

Nos. 161-167 Des Voeux Road, Central

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|------|-------------|------|--------------|
| [51] | C12N 7/00   | [11] | 40086362     |
|      | C07K 14/005 |      | EP4110792 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C12N 7/01   | [11] | 40086268     |
|      | A61K 39/215 |      | EP4117725 A1 |
|      |             | [13] | A            |

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|------|------------|------|-------------|
| [51] | C12N 9/22  | [11] | 40086190    |
|      | A61K 38/46 |      | GB2609346 A |
|      |            | [13] | A           |

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|------|-------------|------|--------------|
| [51] | C12N 9/22   | [11] | 40086204     |
|      | A01K 67/027 |      | EP4099821 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C12N 9/22   | [11] | 40086212      |
|      | C07K 14/195 |      | CN115698041 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | C12N 9/22  | [11] | 40086235     |
|      | C12N 9/78  |      | EP4103704 A1 |
|      | C12N 15/10 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023074759.9 [22] 20.06.2023

[86] 12.02.2021 PCT/US2021/017989

[87] 19.08.2021 WO2021/163587

- [30] 13.02.2020 US, 62/976,239
- [54] COMPOSITIONS AND METHODS FOR ENGRAFTMENT OF BASE EDITED CELLS  
用於植入城基編輯細胞的組合物和方法
- [71] Beam Therapeutics Inc.  
比姆醫療股份有限公司  
9th Floor  
238 Main Street, Cambridge, MA 02142  
UNITED STATES OF AMERICA
- [72] SMITH, Sarah  
LEVASSEUR, Dana  
YEN, Jonathan
- [74] JUN HE LAW OFFICES  
Suite 3701-10, 37th Floor, Jardine House  
1 Connaught Place, Central  
HONG KONG
- 

- [51] C12N 9/22 [11] 40086309  
C12N 5/10 EP4133059 A1  
[13] A
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- [51] C12N 9/22 [11] 40086338  
C12N 15/10 EP4133069 A2  
[13] A
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- [51] C12N 9/24 [11] 40086339  
A61K 38/47 EP4118200 A2  
[13] A
- [25] EN
- [21] 62023075374.6 [22] 03.07.2023
- [86] 29.07.2021 PCT/GB2021/051969
- [87] 03.02.2022 WO2022/023761
- [30] 29.07.2020 GB, 2011813.9  
18.01.2021 GB, 2100648.1  
26.04.2021 GB, 2105924.1
- [54] MUTATED BETA-GLUCOCEREBROSIDASE WITH IMPROVED STABILITY  
穩定性提高的突變的  $\beta$ -葡萄糖腦苷脂酶
- [71] Freeline Therapeutics Limited  
Sycamore House, Gunnels Wood Road  
Stevenage, Hertfordshire SG1 2BP  
UNITED KINGDOM
- [72] COMPER, Fabrizio  
NATHWANI, Amit  
MCINTOSH, Jenny  
CORBAU, Romuald

KIA, Azadeh  
MIRANDA, Carlos

[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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|------|--------------------------------------------------------------|------|--------------|
| [51] | C12N 9/64                                                    | [11] | 40086244     |
|      |                                                              |      | EP4127158 A2 |
|      |                                                              | [13] | A            |
| [25] | EN                                                           |      |              |
| [21] | 62023074776.3                                                | [22] | 21.06.2023   |
| [86] | 02.04.2021 PCT/IB2021/000210                                 |      |              |
| [87] | 07.10.2021 WO2021/198781                                     |      |              |
| [30] | 02.04.2020 US,63/004,389                                     |      |              |
| [54] | ADAMTS13 VARIANT, COMPOSITIONS, AND USES THEREOF             |      |              |
|      | ADAMTS13 變體、組合物及其用途                                          |      |              |
| [71] | TAKEDA PHARMACEUTICAL COMPANY LIMITED                        |      |              |
|      | 1-1, DOSHOMACHI, 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0045 |      |              |
|      | JAPAN                                                        |      |              |
| [72] | BACHMANN, FRIEDMUND                                          |      |              |
|      | SEYFRIED, BIRGIT                                             |      |              |
|      | GRANINGER, MICHAEL                                           |      |              |
|      | MELLGARD, BJORN                                              |      |              |
| [74] | CLT PATENT & TRADEMARK (H.K.) LIMITED                        |      |              |
|      | Unit 09, 34/F., Office Tower, Convention Plaza               |      |              |
|      | 1 Harbour Road, Wanchai                                      |      |              |
|      | HONG KONG                                                    |      |              |

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| [51] | C12N 9/78 | [11] | 40086235     |
|      | C12N 9/22 |      | EP4103704 A1 |
|      |           | [13] | A            |

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|------|------------|------|---------------|
| [51] | C12P 21/02 | [11] | 40086174      |
|      | C07K 16/28 |      | CN116284394 A |
|      |            | [13] | A             |

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| [51] | C12P 21/02 | [11] | 40086291     |
|      | A61K 47/68 |      | EP4126972 A1 |
|      |            | [13] | A            |

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[51] C12P 21/08 [11] 40086282  
A61K 39/395 EP4106813 A1  
[13] A

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[51] C12P17/06 [11] 40086289  
EP4114960 A2  
[13] A

[25] EN  
[21] 62023074878.7 [22] 25.06.2023  
[86] 08.03.2021 PCT/US2021/021413  
[87] 10.09.2021 WO2021/178976  
[30] 06.03.2020 US,62/986567  
[54] PRENYLTRANSFERASES AND METHODS OF MAKING AND USE THEREOF  
異戊二烯基轉移酶及其製備方法和用途  
[71] CELLIBRE, INC.  
10581 Roselle St., Suite 100, San Diego, CA 92121  
San Diego, CA 92121  
UNITED STATES OF AMERICA  
[72] KAMBOURAKIS, SPIROS S·坎伯瑞克斯  
KOMOR, RUSSELL, SCOTT R·S·科莫尔  
KEUL, NICHOLAS, DONALD N·D·克乌尔  
[74] PANAWELL (HONG KONG) LIMITED  
Unit C, 19/F., Gold Union Comm. Bldg.  
70-72 Connaught Rd West, Western  
HONG KONG

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[51] C12Q 1/30 [11] 40086293  
A61K 45/06 EP4110397 A1  
[13] A

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[51] C12Q 1/34 [11] 40086212  
C07K 14/195 CN115698041 A  
[13] A

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[51] C12Q 1/68 [11] 40086238  
C12N 15/10 EP4107262 A1  
[13] A

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[51] C12Q 1/6806 [11] 40086055  
C12N 15/11 CN116083423 A  
[13] A

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|------|-------------|------|--------------|
| [51] | C12Q 1/6806 | [11] | 40086195     |
|      | B01L 3/00   |      | EP4058192 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C12Q 1/6806 | [11] | 40086238     |
|      | C12N 15/10  |      | EP4107262 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C12Q 1/6844 | [11] | 40086195     |
|      | B01L 3/00   |      | EP4058192 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C12Q 1/6844 | [11] | 40086238     |
|      | C12N 15/10  |      | EP4107262 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C12Q 1/6869 | [11] | 40086136      |
|      | C12N 5/09   |      | CN115896027 A |
|      |             | [13] | A             |

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| [51] | C12Q 1/6869 | [11] | 40086238     |
|      | C12N 15/10  |      | EP4107262 A1 |
|      |             | [13] | A            |

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| [51] | C12Q 1/6883 | [11] | 40086234     |
|      | G01N 33/68  |      | EP4114975 A1 |
|      | A61K 48/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023074756.5 [22] 20.06.2023

[86] 05.03.2021 PCT/US2021/021219

[87] 10.09.2021 WO2021/178904

[30] 06.03.2020 US, 62/985,947

04.10.2020 US, 63/087,249

[54] FASCIN-2 (FSCN2) VARIANTS AND USES THEREOF  
FASCIN-2 (FSCN2) 變體及其用途

[71] Regeneron Pharmaceuticals, Inc.  
777 Old Saw Mill River Road

Tarrytown, NY 10591  
UNITED STATES OF AMERICA

- [72] PRAVEEN, Kavita  
COPPOLA, Giovanni  
FERREIRA, Manuel Allen Revez  
GURSKI, Lauren  
BARAS, Aris  
DRUMMOND SAMUELSON, Meghan  
ABECASIS, Goncalo
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|------|-------------|------|---------------|
| [51] | C12Q 1/6886 | [11] | 40086055      |
|      | C12N 15/11  |      | CN116083423 A |
|      |             | [13] | A             |
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| [51] | C12Q 1/6886 | [11] | 40086136      |
|      | C12N 5/09   |      | CN115896027 A |
|      |             | [13] | A             |
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| [51] | C12Q 1/6886 | [11] | 40086248     |
|      |             |      | EP4110957 A2 |
|      |             | [13] | A            |
- [25] EN
- [21] 62023074781.3 [22] 21.06.2023
- [86] 24.02.2021 PCT/US2021/019478
- [87] 02.09.2021 WO2021/173722
- [30] 24.02.2020 US, 62/980,972
- [54] METHODS OF ANALYZING CELL FREE NUCLEIC ACIDS AND APPLICATIONS THEREOF  
分析無細胞核酸的方法及其應用
- [71] The Board of Trustees of the Leland Stanford Junior University  
Office of the General Counsel  
Building 170, Third Floor, Main Quad, P.O. Box 20386,  
Stanford, CA 94305-2038  
UNITED STATES OF AMERICA
- [72] DIEHN, Maximilian  
ALIZADEH, Arash, Ash  
CHABON, Jacob, J.  
KURTZ, David, M.  
ESFAHANI, Mohammad, Shahrokh

[74] UNITALEN ATTORNEYS AT LAW LIMITED  
RM 1201, 12/F, GOLDEN ERA PLAZA  
39-55 SAI YEE ST, MONGKOK KLN  
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|------|-------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | C12Q 1/6886                                                                                                                   | [11] | 40086263     |
|      |                                                                                                                               |      | EP4118237 A1 |
|      |                                                                                                                               | [13] | A            |
| [25] | EN                                                                                                                            |      |              |
| [21] | 62023074839.9                                                                                                                 | [22] | 23.06.2023   |
| [86] | 09.03.2021 PCT/US2021/021527                                                                                                  |      |              |
| [87] | 16.09.2021 WO2021/183529                                                                                                      |      |              |
| [30] | 11.03.2020 US,62/988,312                                                                                                      |      |              |
| [54] | METHODS OF TREATING HER2 MUTANT CANCERS WITH TUCATINIB<br>用妥卡替尼治療 HER2 突變型癌症的方法                                               |      |              |
| [71] | Seagen Inc.<br>21823 30th Drive S.E.<br>Bothell, WA 98021<br>UNITED STATES OF AMERICA                                         |      |              |
| [72] | PETERSON, Scott                                                                                                               |      |              |
| [74] | CHAN, TANG & KWOK<br>Rooms 2503-4, 25/F, Shanghai Industrial Investment Building<br>48-62 Hennessy Road, Wanchai<br>HONG KONG |      |              |

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|------|-------------|------|--------------|
| [51] | C12Q 1/6886 | [11] | 40086353     |
|      | G01N 33/574 |      | EP4196792 A1 |
|      |             | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C12R 1/91 | [11] | 40086136      |
|      | C12N 5/09 |      | CN115896027 A |
|      |           | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | D01D 5/00 | [11] | 40086252     |
|      | A61K 8/02 |      | EP4103139 A1 |
|      |           | [13] | A            |

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|------|------------|------|--------------|
| [51] | D01D 5/00  | [11] | 40086253     |
|      | A61K 8/02  |      | EP4103770 A1 |
|      | A61K 8/73  |      |              |
|      | A61Q 19/00 |      |              |

B32B 27/12

D01F 1/10

[13] A

[25] EN

[21] 62023074813.4 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051196

[87] 19.08.2021 WO2021/161256

[30] 13.02.2020 IT,102020000002836

05.01.2021 IT,102021000000113

[54] PATCH PRODUCT BASED ON NATURAL POLYMERS

基於天然聚合物的貼片產品

[71] Bakel S.R.L.

Viale del Ledra 56, 33100 Udine

ITALY

[72] GREGORIS, Raffaella

MANFREDINI, Stefano

VERTUANI, Silvia

[74] CHINAHONGKONG IP LIMITED

1502, 15/F, Capital Centre

151 Gloucester Road, Wanchai

HONG KONG

[51] D01D 5/00

A61L 27/54

D01F 1/10

D04H 1/728

[11] 40086254

EP4103768 A1

[13] A

[25] EN

[21] 62023074814.2 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051188

[87] 19.08.2021 WO2021/161248

[30] 13.02.2020 IT,102020000002827

[54] COMPOSITION FOR ELECTROSPINNING

用於靜電紡絲的組合物

[71] Bakel S.R.L.

Viale del Ledra 56, 33100 Udine

ITALY

[72] GREGORIS, Raffaella

MANFREDINI, Stefano

VERTUANI, Silvia

ROSO, Martina

[74] CHINAHONGKONG IP LIMITED

1502, 15/F, Capital Centre

151 Gloucester Road, Wanchai

HONG KONG

[51] D01D 5/00 [11] 40086255  
A61K 8/02 EP4103769 A1  
A61K 8/73  
A61Q 19/00  
B32B 27/12  
D01F 1/10  
A61L 27/54  
D04H 1/728  
[13] A

[25] EN

[21] 62023074815.9 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051190

[87] 19.08.2021 WO2021/161250

[30] 13.02.2020 IT,102020000002827  
05.01.2021 IT,102021000000089

[54] NATURAL COMPOSITION BASED ON POLYMERS TO BE ELECTROSPUN, AND  
METHOD TO PREPARE THE SAME  
基於待靜電紡絲的聚合物的天然組合物及其製備方法

[71] Bakel S.R.L.  
Viale del Ledra 56, 33100 Udine  
ITALY

[72] GREGORIS, Raffaella  
MANFREDINI, Stefano  
VERTUANI, Silvia

[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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[51] D01D 5/00 [11] 40086256  
D01F 1/10 EP4103771 A1  
D04H 1/728  
[13] A

[25] EN

[21] 62023074816.7 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051197

[87] 19.08.2021 WO2021/161257

[30] 13.02.2020 IT,102020000002833

[54] METHOD OF ELECTROSPINNING  
靜電紡絲的方法

[71] Bakel S.R.L.  
Viale del Ledra 56, 33100 Udine  
ITALY

[72] GREGORIS, Raffaella  
MANFREDINI, Stefano  
VERTUANI, Silvia  
ROSO, Martina

[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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[51] D01D 5/00 [11] 40086257  
A61K 8/02 EP4103772 A1  
A61K 8/73  
A61Q 19/00  
B32B 27/12  
D01F 1/10  
A61L 27/54  
D04H 1/728  
A61L 15/00

[13] A

[25] EN

[21] 62023074817.5 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051192

[87] 19.08.2021 WO2021/161252

[30] 13.02.2020 IT,102020000002833  
05.01.2021 IT,102021000000104

[54] METHOD OF ELECTROSPINNING NATURAL POLYMERS  
靜電紡絲天然聚合物的方法

[71] Bakel S.R.L.  
Viale del Ledra 56, 33100 Udine  
ITALY

[72] GREGORIS, Raffaella  
MANFREDINI, Stefano  
VERTUANI, Silvia

[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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[51] D01D 5/00 [11] 40086258  
A61K 8/02 EP4103773 A1  
A61K 8/73  
A61Q 19/00  
B32B 27/12  
D01F 1/10  
B32B 7/06

[13] A

[25] EN

[21] 62023074818.3 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051194

[87] 19.08.2021 WO2021/161254

- [30] 13.02.2020 IT,102020000002839
- [54] METHOD AND APPARATUS FOR PRODUCING A COSMETIC PRODUCT  
用於生產化妝品的方法和設備
- [71] Bakel S.R.L.  
Viale del Ledra 56, 33100 Udine  
ITALY
- [72] GREGORIS, Raffaella  
MANFREDINI, Stefano  
VERTUANI, Silvia  
ROSO, Martina
- [74] CHINAHONGKONG IP LIMITED  
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- |      |            |      |              |
|------|------------|------|--------------|
| [51] | D01D 5/00  | [11] | 40086259     |
|      | D04H 1/728 |      | EP4103775 A1 |
|      |            | [13] | A            |
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|------|-----------|------|--------------|
| [51] | D01F 1/10 | [11] | 40086253     |
|      | D01D 5/00 |      | EP4103770 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | D01F 1/10 | [11] | 40086254     |
|      | D01D 5/00 |      | EP4103768 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | D01F 1/10 | [11] | 40086255     |
|      | D01D 5/00 |      | EP4103769 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | D01F 1/10 | [11] | 40086256     |
|      | D01D 5/00 |      | EP4103771 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | D01F 1/10 | [11] | 40086257     |
|      | D01D 5/00 |      | EP4103772 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | D01F 1/10 | [11] | 40086258     |
|      | D01D 5/00 |      | EP4103773 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D01F 11/06 | [11] | 40086132      |
|      | D01F 8/10  |      | CN115652474 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | D01F 6/28 | [11] | 40086132      |
|      | D01F 8/10 |      | CN115652474 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D01F 8/10  | [11] | 40086132      |
|      | D01F 11/06 |      | CN115652474 A |
|      | D01F 6/28  |      |               |
|      |            | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42023075450.9 | [22] | 05.07.2023 |
|------|---------------|------|------------|

[54] METHOD FOR PREPARING THE FIBER OF IMIDE COPOLYMER FROM AMIDE  
ACID COPOLYMER AND THE FIBER PREPARED THEREFROM  
由酰胺酸共聚物製備酰亞胺共聚物的纖維的方法和由其製備的纖維

[71] TSINGHUA UNIVERSITY  
NO.1 QING HUA YUAN, HAIDIAN DISTRICT, BEIJING 100084  
CHINA

[72] WANTAI YANG  
YANBIN HUANG  
TIANXIAO CHANG  
MINGSEN CHEN

[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | D03D 47/27 | [11] | 40086173     |
|      | D03D 47/30 |      | EP4116475 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | D03D 47/28 | [11] | 40086173     |
|      | D03D 47/30 |      | EP4116475 A1 |
|      |            | [13] | A            |

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[51] D03D 47/30 [11] 40086173  
D03D 47/27 EP4116475 A1  
D03D 47/28  
B61B 13/00  
B61C 11/06  
B61D 17/02  
F03G 7/00  
[13] A

[25] EN

[21] 42023075719.7 [22] 10.07.2023

[30] 18.06.2015 US, 62/181,625  
17.06.2016 US, 15/186,337  
17.06.2016 WO, PCT/US2016/038239

[54] METHOD OF REDUCING DRAG IN A GROUND VEHICLE COUPLED TO A  
TRACK ASSEMBLY  
耦合到軌道組件的地面車輛的減阻方法

[71] KREMEYER, KEVIN  
凱文·克雷梅耶  
P.O. Box 44391  
Kamuela, Hawaii 96743  
UNITED STATES OF AMERICA

[72] KREMEYER, Kevin 凱文·克雷梅耶

[74] JONES DAY  
31st Floor, Edinburgh Tower, The Landmark  
15 Queen's Road Central  
HONG KONG

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[51] D04B 1/10 [11] 40086032  
D04B 1/24 CN115573085 A  
[13] A

[25] ZH

[21] 42023074355.1 [22] 12.06.2023

[30] 09.05.2018 US, 62/669,244  
29.04.2019 US, 16/397,699

[54] KNITTED COMPONENT WITH THERMAL PROPERTIES  
具有熱學性質的針織部件

[71] NIKE Innovate C.V.  
耐克创新有限合伙公司  
One Bowerman Drive  
Beaverton, Oregon 97005  
UNITED STATES OF AMERICA

[72] Daniel Morgan 丹尼尔·摩根

[74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | D04B 1/22 | [11] | 40086034      |
|      | A43B 1/04 |      | CN115568660 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | D04B 1/24 | [11] | 40086032      |
|      | D04B 1/10 |      | CN115573085 A |
|      |           | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | D04H 1/4209 | [11] | 40086107      |
|      | D04H 1/587  |      | CN115637531 A |
|      | D04H 1/4218 |      |               |
|      | D04H 1/64   |      |               |
|      | C09J 161/10 |      |               |
|      | C09J 11/08  |      |               |
|      | C09J 11/06  |      |               |
|      | F16L 59/14  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42023075262.8 [22] 30.06.2023

[30] 30.08.2017 EP,17188636.9

[54] USE OF A MINERAL WOOL PRODUCT

礦棉產品的用途

[71] ROCKWOOL A/S

洛科威有限公司

HOVEDGADEN 584, DK-2640 HEDEHUSENE

DENMARK

[72] ZWAAG, Claudia 克勞迪婭·茲瓦赫

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED

Unit 09, 34/F., Office Tower, Convention Plaza

1 Harbour Road, Wanchai

HONG KONG

|      |             |      |               |
|------|-------------|------|---------------|
| [51] | D04H 1/4218 | [11] | 40086107      |
|      | D04H 1/4209 |      | CN115637531 A |
|      |             | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | D04H 1/58 | [11] | 40086351      |
|      | D04H 1/64 |      | CN115917068 A |
|      |           | [13] | A             |

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[51] D04H 1/587 [11] 40086107  
D04H 1/4209 CN115637531 A  
[13] A

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[51] D04H 1/64 [11] 40086107  
D04H 1/4209 CN115637531 A  
[13] A

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[51] D04H 1/64 [11] 40086351  
C09J 101/08 CN115917068 A  
D04H 1/58  
D04H 3/12  
D06M 13/184  
D21H 17/14  
D21H 17/26  
[13] A

[25] EN

[21] 62023075391.0 [22] 04.07.2023

[86] 01.06.2021 PCT/SE2021/050508

[87] 09.12.2021 WO2021/246940

[30] 04.06.2020 SE, PCT/SE2020/050564

[54] A METHOD FOR CONSOLIDATING A FIBROUS MATERIAL WITH A BIO-BASED BINDER POLYMER, A CONSOLIDATED FIBROUS MATERIAL AND AN AQUEOUS BINDER SOLUTION  
用生物基結合劑聚合物固結纖維性材料的方法、固結的纖維性材料以及水性結合劑溶液

[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG  
易希提卫生与保健公司  
405 03 Goteborg  
SWEDEN

[72] NODBRANDT, Andrea A·诺德布兰特  
NIHLSTRAND, Anna A·尼尔斯特兰德  
HAGBERG, Daniel D·哈格贝里  
WISS, Veronique V·维斯

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F, Greenfield Tower, Concordia Plaza  
No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
HONG KONG

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[51] D04H 1/728 [11] 40086254  
D01D 5/00 EP4103768 A1  
[13] A

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[51] D04H 1/728 [11] 40086255  
D01D 5/00 EP4103769 A1  
[13] A

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[51] D04H 1/728 [11] 40086256  
D01D 5/00 EP4103771 A1  
[13] A

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[51] D04H 1/728 [11] 40086257  
D01D 5/00 EP4103772 A1  
[13] A

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[51] D04H 1/728 [11] 40086259  
A61Q 19/00 EP4103775 A1  
A61K 8/73  
A61K 8/02  
D01D 5/00  
B32B 27/12  
[13] A

[25] EN

[21] 62023074819.1 [22] 21.06.2023

[86] 12.02.2021 PCT/IB2021/051193

[87] 19.08.2021 WO2021/161253

[30] 13.02.2020 IT,102020000002842

[54] COSMETIC PRODUCT, PROCEDURE FOR ITS REALIZATION AND  
ELECTROSPINNING DEVICE

化妝品、其實現方法及靜電紡絲裝置

[71] Bakel S.R.L.

Viale del Ledra 56, 33100 Udine

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[72] GREGORIS, Raffaella

MANFREDINI, Stefano

VERTUANI, Silvia

ROSO, Martina

[74] CHINAHONGKONG IP LIMITED

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151 Gloucester Road, Wanchai

HONG KONG

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[51] D04H 1/728 [11] 40086388  
CN116324065 A  
[13] A

[25] EN

- [21] 62023075740.8 [22] 10.07.2023
- [86] 30.11.2021 PCT/IB2021/061096
- [87] 02.06.2022 WO2022/113045
- [30] 30.11.2020 US,63/119,120
- [54] FORMULATION AND METHOD FOR PREPARING FIBROUS MATERIAL  
COMPRISING NANOFIBERS, AND FILTER COMPRISING THE FIBROUS  
MATERIAL  
用於製備包含納米纖維的纖維材料的製劑和方法及包含該纖維材料的過濾器
- [71] NANOSHIELDS TECHNOLOGY LIMITED  
納諾史德斯科技有限公司  
12/F, Yardley Commercial Building  
3 Connaught Road West  
HONG KONG
- [72] WONG, Siu Wah 黃少華  
CHAN, Hoi Tung Danny 陳海東  
YUEN, Muk Fung 袁牧鋒  
WONG, Lok Hey 王樂熙  
NG, Wai Tat 吳維達  
HO, Kwun Wing 何冠穎  
ZHANG, Yu Tao 張雨陶
- [74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
HONG KONG
- 

- [51] D04H 3/12 [11] 40086351  
D04H 1/64 CN115917068 A  
[13] A
- 

- [51] D06M 13/184 [11] 40086351  
D04H 1/64 CN115917068 A  
[13] A
- 

- [51] D21C 9/00 [11] 40086297  
D21H 11/18 CN115698426 A  
[13] A
- 

- [51] D21D 1/30 [11] 40086297  
D21H 11/18 CN115698426 A  
[13] A
-

[51] D21H 11/18 [11] 40086297  
D21C 9/00 CN115698426 A  
D21D 1/30  
[13] A

[25] EN

[21] 62023074895.1 [22] 26.06.2023

[86] 21.04.2021 PCT/US2021/028333

[87] 28.10.2021 WO2021/216663

[30] 21.04.2020 US, 63/013,401  
14.08.2020 US, 63/065,994

[54] EXTRACTION OF DELIGNIFIED, CELLULOSE-BASED FIBERS FROM  
NATURAL PLANT MATERIAL, AND MATERIALS INCORPORATING SUCH  
FIBERS  
從天然植物材料中提取的脫木素纖維素基纖維，及含有這種纖維的材料

[71] UNIVERSITY OF MARYLAND, COLLEGE PARK  
马里兰大学帕克分校  
UM Ventures, 0134 Lee Building, 7809 Regents Drive, College  
Park, Maryland 20742  
UNITED STATES OF AMERICA  
美國  
马里兰州

[72] HU, Liangbing 胡良兵  
CHEN, Chaoji 陈朝吉  
LI, Zhihan 李知函  
LI, Jianguo 李建国

[74] 川墨知识产权事务所有限公司  
香港  
湾仔轩尼诗道 253-261 号  
依时商业中心 1502-B19

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[51] D21H 17/14 [11] 40086351  
D04H 1/64 CN115917068 A  
[13] A

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[51] D21H 17/26 [11] 40086351  
D04H 1/64 CN115917068 A  
[13] A

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[51] E02D 5/34 [11] 40086167  
E04G 23/06 CN115788106 A  
[13] A

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[51] E04B 2/56 [11] 40086040  
E04B 2/86 CN115596115 A  
[13] A

[25] ZH  
[21] 42023074401.3 [22] 12.06.2023

[54] SUPERIMPOSED SHEAR WALL SYSTEM  
一種疊合剪力牆體系

[71] China State Construction Hailong Technology Co., Ltd  
中建海龙科技有限公司  
中國  
广东省深圳市龙华区观澜街道君子布兴发路 8 号

[72] 郭正廷  
施汉盛  
李振  
严辰  
李超  
谭军俊  
孟辉  
张柏岩  
李聪

[74] 中一聯合國際知識產權有限公司  
香港  
九龍尖沙咀漆咸道南 45-51 號  
其士大廈 803 室

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[51] E04B 2/86 [11] 40086040  
E04B 2/56 CN115596115 A  
[13] A

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[51] E04G 23/06 [11] 40086167  
E02D 5/34 CN115788106 A  
[13] A

[25] ZH  
[21] 42023075579.5 [22] 07.07.2023

[54] EXISTING HIGH-RISE STRUCTURE SHIFTING APPARATUS AND  
CONSTRUCTION METHOD  
一種既有高層結構移位裝置及施工方法

[71] Shanghai Construction No.1 (Group) Co., Ltd.  
上海建工一建集团有限公司  
Floor 25-27  
33 Fushan Road, China (Shanghai) Pilot Free Trade Zone,  
Pudong New Area, Shanghai  
CHINA

[72] XU, Lei 徐磊  
LIU, Chenchen 刘晨晨  
ZHANG, Yizhou 张忆州  
LI, Min 李敏  
LI, Tingting 李婷婷  
PENG, Chenxin 彭晨鑫  
CHEN, Yan 陈燕  
YU, Siyi 俞思怡

[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
HONG KONG

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[51] E05B 27/00 [11] 40086273  
E05B 35/00 EP4115037 A1  
[13] A

[25] EN

[21] 62023074854.8 [22] 23.06.2023

[86] 05.03.2020 PCT/IT2020/000029

[87] 10.09.2021 WO2021/176482

[54] CYLINDER LOCK AND KEY THEREOF  
圓筒鎖及其鑰匙

[71] CISA S.P.A.  
Via Guglielmo Oberdan 42  
48018 Faenza  
ITALY

[72] FABBRI, Matteo  
TALAMONTI, Enzo  
FERRI, Giovanni

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG

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[51] E05B 27/00 [11] 40086274  
E05B 35/00 EP4115036 A1  
[13] A

[25] EN

[21] 62023074855.5 [22] 23.06.2023

[86] 05.03.2020 PCT/IT2020/000031

[87] 10.09.2021 WO2021/176484

[54] CYLINDER LOCK AND KEY THEREOF  
圓筒鎖及其鑰匙

[71] CISA S.P.A.  
Via Guglielmo Oberdan 42

48018 Faenza  
ITALY

[72] FABBRI, Matteo  
FERRI, Giovanni  
TALAMONTI, Enzo

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | E05B 35/00 | [11] | 40086273     |
|      | E05B 27/00 |      | EP4115037 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | E05B 35/00 | [11] | 40086274     |
|      | E05B 27/00 |      | EP4115036 A1 |
|      |            | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | E21D 9/11 | [11] | 40086163      |
|      |           |      | CN115584988 A |
|      |           | [13] | A             |

[25] ZH

[21] 42023075571.2 [22] 07.07.2023

[54] CUTTER HEAD FOR EXCAVATION EQUIPMENT AND AN EXCAVATION  
EQUIPMENT HAVING THE CUTTER HEAD  
用於掘進裝備的刀盤及具有其的掘進裝備

[71] 宁波用躬科技有限公司  
中國  
315105 浙江省宁波市鄞州区  
潘火街道宁创科技中心 1 号 2001-1 室

[72] 朱寰  
朱瑶宏  
胡瑞光

[74] KING & WOOD MALLESONS IP LIMITED  
香港  
金鐘夏慤道 18 號  
海富中心 2 座 11 層

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F03G 7/00  | [11] | 40086173     |
|      | D03D 47/30 |      | EP4116475 A1 |
|      |            | [13] | A            |

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[51] F16F 15/02 [11] 40086384  
CN116324212 A  
[13] A

[25] JA

[21] 62023075436.3 [22] 05.07.2023

[86] 20.10.2021 PCT/JP2021/038801

[87] 27.04.2023 WO2023/067737

[54] INSULATOR  
隔離件

[71] G CLEF ACOUSTIC LTD.  
集珂莱福音响株式会社  
1-10-19, IGUCHIDO, IKEDA-SHI, OSAKA 5630023  
JAPAN

[72] NAGATA RYOJI 永田良二

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

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[51] F16L 59/14 [11] 40086107  
D04H 1/4209 CN115637531 A  
[13] A

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[51] F16M 11/04 [11] 40086124  
F16M 13/02 CN116255548 A  
[13] A

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[51] F16M 11/08 [11] 40086124  
F16M 13/02 CN116255548 A  
[13] A

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[51] F16M 11/10 [11] 40086124  
F16M 13/02 CN116255548 A  
[13] A

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[51] F16M 11/16 [11] 40086124  
F16M 13/02 CN116255548 A  
[13] A

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[51] F16M 11/18 [11] 40086124  
F16M 13/02 CN116255548 A  
[13] A

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[51] F16M 13/02 [11] 40086124  
F16M 11/04 CN116255548 A  
F16M 11/08  
F16M 11/10  
F16M 11/16  
F16M 11/18  
[13] A

[25] ZH

[21] 42023075400.4 [22] 04.07.2023

[54] SPRING BALANCED VERTICAL TILT MECHANISM FOR DISPLAY BRACKET  
用於顯示器支架的彈簧平衡垂直傾斜機構

[71] Shenzhen Bestqi Innovation Technology Co., Ltd.  
深圳市倍思奇创新科技有限公司  
Rm 1601-A, Yousuowei Building  
No.2000, Jiaxian Road, Gangtou Community  
BantianSub-district, Longgang District, Shenzhen, Guangdong  
CHINA  
中國  
广东省深圳市龙岗区坂田街道岗头社区稼先路 2000 号  
有所为大厦 1601-A

[72] Liu Cheng 刘成  
Huo Yuan 霍袁  
Wu Jinguan 吴锦冠

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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[51] F16N 21/02 [11] 40086283  
F16N 21/04 EP41111087 A1  
F16N 3/12  
[13] A

[25] EN

[21] 62023074869.6 [22] 23.06.2023

[86] 25.02.2021 PCT/EP2021/054765

[87] 02.09.2021 WO2021/170764

[30] 25.02.2020 EP,20159395.1

[54] LUBRICANT DISPENSER SYSTEMS AND METHODS  
潤滑劑分配器系統及方法

[71] Grizit B.V.  
格里茲特有限公司

Mieregemstraat 123, 1785 Merchtem  
BELGIUM

[72] DUERINCKX, David

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F16N 21/04 | [11] | 40086283     |
|      | F16N 21/02 |      | EP4111087 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F16N 3/12  | [11] | 40086283     |
|      | F16N 21/02 |      | EP4111087 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F22B 27/00 | [11] | 40086154      |
|      | C02F 1/04  |      | CN115818751 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F25B 30/00 | [11] | 40086154      |
|      | C02F 1/04  |      | CN115818751 A |
|      |            | [13] | A             |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | G01F 19/00 | [11] | 40086053    |
|      | A47K 1/02  |      | GB2608198 A |
|      |            | [13] | A           |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | G01N 21/64  | [11] | 40086272     |
|      | H01L 27/146 |      | EP4111178 A1 |
|      | H01L 27/148 |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62023074850.6 [22] 23.06.2023

[86] 02.03.2021 PCT/US2021/020521

[87] 10.09.2021 WO2021/178438

[30] 02.03.2020 US, 62/984229

[54] INTEGRATED SENSOR FOR MULTI-DIMENSIONAL SIGNAL ANALYSIS  
用於多維信號分析之整合感應器

[71] Quantum-Si Incorporated  
530 Old Whitfield Street Guilford  
CT 06437  
UNITED STATES OF AMERICA

[72] SCHMID, Gerard  
YANG, Dajiang  
WEBSTER, Eric A.G.  
WANG, Xin  
REARICK, Todd  
CHOI, Changhoon  
KABIRI, Ali  
PRESTON, Kyle  
REED, Brian

[74] RUBY YEUNG & CO.  
UNIT 701, 7TH FLOOR, WING ON HOUSE  
71 DES VOEUX ROAD CENTRAL  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 21/64 | [11] | 40086327     |
|      | C08F 2/48  |      | EP4136126 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 21/84 | [11] | 40086333     |
|      | A01M 1/02  |      | EP4161258 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 30/02 | [11] | 40086109      |
|      | G01N 30/06 |      | CN115541773 A |
|      | G01N 30/12 |      |               |
|      | G01N 30/14 |      |               |
|      | G01N 30/34 |      |               |
|      | G01N 30/74 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42023075293.3 [22] 07.09.2021

[62] 07.09.2021 42021038311.3

[54] METHOD FOR DETECTING FIVE RHUBARB ANTHRAQUINONE COMPONENTS IN  
TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING  
NEPHROPATHY

一種治療腎病的中藥組合物中 5 種大黃蒽醌類成分的檢測方法

[71] 云南雷允上理想药业有限公司  
中國  
云南省昆明市新城高新技术产业基地  
环兴街 39 号

[72] 朱雄  
覃思光  
罗红艳  
李垚  
刘宗耀  
黄丽桃  
胡德美

[74] 泛華偉業(香港)有限公司  
香港  
西環幹諾道西 70-72 號  
金佑商業大廈 19 樓 C

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[51] G01N 30/02 [11] 40086156  
G01N 30/72 CN116124949 A  
[13] A

[25] ZH  
[21] 42023075549.8 [22] 06.07.2023  
[30] 14.02.2022 CN,202210133076.6

[54] APPLICATION OF A BIOMARKER IN PREPARATION OF PRODUCTS FOR  
DIAGNOSIS, AUXILIARY DIAGNOSIS OR PREDICTION OF POLYCYSTIC  
OVARY SYNDROME  
生物標誌物在製備用於診斷、輔助診斷或預測多囊卵巢綜合征的產品應用

[71] 北京三元食品股份有限公司  
中國  
100163 北京市大兴区瀛海鎮瀛昌街 8 号

[72] 陈历俊  
张珍珍  
赵军英  
刘斌  
刘彦品  
乔为仓

[74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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[51] G01N 30/06 [11] 40086109  
G01N 30/02 CN115541773 A  
[13] A

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[51] G01N 30/12 [11] 40086109  
G01N 30/02 CN115541773 A  
[13] A

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 30/14 | [11] | 40086109      |
|      | G01N 30/02 |      | CN115541773 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 30/34 | [11] | 40086109      |
|      | G01N 30/02 |      | CN115541773 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 30/72 | [11] | 40086156      |
|      | G01N 30/02 |      | CN116124949 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 30/74 | [11] | 40086109      |
|      | G01N 30/02 |      | CN115541773 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 33/53 | [11] | 40086217      |
|      | C07K 16/28 |      | CN115515979 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | G01N 33/566 | [11] | 40086312     |
|      | A61K 39/395 |      | EP4110391 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G01N 33/573 | [11] | 40086029      |
|      | C07K 14/725 |      | CN115960204 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G01N 33/574 | [11] | 40086029      |
|      | C07K 14/725 |      | CN115960204 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | G01N 33/574 | [11] | 40086353     |
|      | C12Q 1/6886 |      | EP4196792 A1 |
|      |             | [13] | A            |

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[25] EN  
[21] 62023075393.6 [22] 04.07.2023  
[86] 17.08.2021 PCT/EP2021/072866  
[87] 24.02.2022 WO2022/038158  
[30] 17.08.2020 US,63/066,434  
06.01.2021 US,63/134,202  
07.04.2021 US,63/171,654  
[54] BICYCLE CONJUGATES SPECIFIC FOR NECTIN-4 AND USES THEREOF  
對 NECTIN-4 具有特異性的雙環綴合物及其用途  
[71] BicycleTX Limited  
Building 900, Babraham Research Campus  
Cambridge CB22 3AT  
UNITED KINGDOM  
[72] BLAKEMORE, Stephen J.  
GELB, Tara  
SANTOS, Sean M.  
COHEN, Heather B.  
[74] CHAN, TANG & KWOK  
Rooms 2503-4, 25/F, Shanghai Industrial Investment Building  
48-62 Hennessy Road, Wanchai  
HONG KONG

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[51] G01N 33/68 [11] 40086234  
C12Q 1/6883 EP4114975 A1  
[13] A

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[51] G01N 35/00 [11] 40086193  
EP4018203 A1  
[13] A  
[25] EN  
[21] 62022064679.3 [22] 25.11.2022  
[86] 21.08.2020 PCT/US2020/047409  
[87] 04.03.2021 WO2021/041216  
[30] 23.08.2019 US,62/890,790  
[54] SYSTEMS AND METHODS FOR LABORATORY DECK SETUP VERIFICATION  
用於實驗室平台設置驗證的系統和方法  
[71] BECKMAN COULTER, INC.  
250 S. Kraemer Boulevard  
Brea, California 92821  
UNITED STATES OF AMERICA  
[72] DAVIS, Matthew S.  
LIU-LEITKE, Yilin  
MOSCHELL, Rachel Ellen  
NEI, Peter Robert  
SNIDER, John S.  
ZIGON, Robert J.

[74] ECCLES & LEE  
Suite 3212, Jardine House  
1 Connaught Place, Central  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 35/00 | [11] | 40086195     |
|      | B01L 3/00  |      | EP4058192 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G01R 22/06  | [11] | 40086059      |
|      | H04L 43/106 |      | CN116346682 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G01R 31/08  | [11] | 40086059      |
|      | H04L 43/106 |      | CN116346682 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01S 15/10 | [11] | 40086069     |
|      | A61B 8/08  |      | EP4173572 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01S 15/89 | [11] | 40086069     |
|      | A61B 8/08  |      | EP4173572 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01S 19/41 | [11] | 40086077      |
|      | G01S 19/42 |      | CN116125507 A |
|      |            | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42023075130.7 | [22] | 30.06.2023 |
|------|---------------|------|------------|

[54] MOBILE TERMINAL POSITIONING METHOD, APPARATUS, DEVICE, AND  
STORAGE MEDIUM  
移動終端的定位方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District, Shenzhen, Guangdong, 518057  
CHINA  
中國

518057 广东省深圳市南山区高新区科技中一路  
腾讯大厦 35 层

[72] CHENG, Yuhang 程宇航

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01S 19/42 | [11] | 40086077      |
|      | G01S 19/41 |      | CN116125507 A |
|      |            | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | G01S 7/52 | [11] | 40086069     |
|      | A61B 8/08 |      | EP4173572 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G02B 27/00 | [11] | 40086153      |
|      | G02B 30/29 |      | CN116300133 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G02B 30/29 | [11] | 40086153      |
|      | G02B 27/00 |      | CN116300133 A |
|      |            | [13] | A             |

[25] ZH

[21] 42023075546.4 [22] 06.07.2023

[54] THREE-DIMENSIONAL DISPLAY DEVICE AND SYSTEM  
三維顯示裝置及系統

[71] Faith Billion Technology Development Limited  
亿信科技发展有限公司  
10F Mass Mutual Tower (Asia Orient Tower), 33 Lockhart Road,  
Wanchai  
HONG KONG  
香港  
灣仔駱克道 33 号美国万通大厦 (汇汉大厦) 10 层

[72] 卢增祥

[74] 中港知識產權有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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[51] G02B 6/122 [11] 40086131  
G02B 6/132 CN116088092 A  
G02F 1/365  
[13] A

[25] ZH

[21] 42023075446.7 [22] 05.07.2023

[30] 05.11.2021 US, 63/263,595  
26.10.2022 US, 17/973,774

[54] PHOTONIC WAVEGUIDE STRUCTURE  
光子波導結構

[71] VIAVI SOLUTIONS INC.  
VIAVI 科技有限公司  
1445 SOUTH SPECTRUM BLVD, SUITE 102 CHANDLER, ARIZONA 85286  
UNITED STATES OF AMERICA

[72] William D. HOUCK W·D·霍克

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG

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[51] G02B 6/132 [11] 40086131  
G02B 6/122 CN116088092 A  
[13] A

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[51] G02B 6/42 [11] 40086341  
H02G 1/14 EP4124207 A1  
H04B 10/077  
H01R 13/40  
[13] A

[25] EN

[21] 62023075377.9 [22] 03.07.2023

[86] 19.03.2021 PCT/US2021/023227

[87] 23.09.2021 WO2021/188943

[30] 19.03.2020 US, US202062991643P

[54] ILLUMINATING ELECTRONIC CABLE CONNECTOR  
照明電子電纜連接器

[71] Jem Accessories Inc.  
32 Brunswick Avenue  
Edison, NJ 08817  
UNITED STATES OF AMERICA

[72] CHEMTOB, Elie  
GARRETT, Jennifer

[74] EVOLUTION IP LIMITED  
UNIT C, 8/F, KING PALACE PLAZA  
NO.55 KING YIP STREET, KWUN TONG, KOWLOON  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G02F 1/365 | [11] | 40086131      |
|      | G02B 6/122 |      | CN116088092 A |
|      |            | [13] | A             |

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|      |                                                                                                                        |      |               |
|------|------------------------------------------------------------------------------------------------------------------------|------|---------------|
| [51] | G04B 17/06                                                                                                             | [11] | 40086046      |
|      | G04B 17/32                                                                                                             |      | CN115933347 A |
|      |                                                                                                                        | [13] | A             |
| [25] | ZH                                                                                                                     |      |               |
| [21] | 42023074635.6                                                                                                          | [22] | 16.06.2023    |
| [30] | 05.10.2021 EP,21200868.4                                                                                               |      |               |
| [54] | HOROLOGICAL MECHANISM AND TIMEPIECE INCLUDING THE SAME<br>鐘錶機構以及包括該鐘錶機構的鐘錶                                             |      |               |
| [71] | ETA SA MANUFACTURE HORLOGÈRE SUISSE<br>SCHILD-RUST-STRASSE 17, 2540 GRENCHEN<br>SWITZERLAND                            |      |               |
| [72] | JULIEN CHRISTAN<br>MARK POSTMUS                                                                                        |      |               |
| [74] | FEDERATION OF HONG KONG INDUSTRIES<br>31/F, Billion Plaza<br>8 Cheung Yue Street, Cheung Sha Wan, Kowloon<br>HONG KONG |      |               |

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| [51] | G04B 17/32 | [11] | 40086046      |
|      | G04B 17/06 |      | CN115933347 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G04B 19/10 | [11] | 40086057      |
|      | G04B 47/04 |      | CN115542708 A |
|      |            | [13] | A             |

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| [51] | G04B 19/12 | [11] | 40086112      |
|      | G04B 19/14 |      | CN115576181 A |
|      |            | [13] | A             |

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| [51] | G04B 19/14    | [11] | 40086112      |
|      | G04B 19/12    |      | CN115576181 A |
|      |               | [13] | A             |
| [25] | ZH            |      |               |
| [21] | 42023075331.1 | [22] | 03.07.2023    |

- [30] 21.06.2021 EP,21180540.3
- [54] DIAL, WATCH COMPRISING SUCH A DIAL AND METHOD FOR INSTALLING  
SUCH A DIAL IN A WATCH  
錶盤、包括這種錶盤的手錶及將錶盤安裝在手錶中的方法
- [71] ETA SA Manufacture Horlogère Suisse  
Schild-Rust-Strasse 17  
2540 Grenchen  
SWITZERLAND
- [72] Laurent KAE LIN  
Zoé SCHAFFTER  
Matthieu ERARD
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG
- 

- [51] G04B 21/00 [11] 40086056  
G04B 21/08 CN115542706 A  
G04B 37/00  
G04B 23/00  
G10K 13/00  
[13] A
- [25] ZH
- [21] 42023075063.0 [22] 29.06.2023
- [30] 29.06.2021 EP,21182417.2
- [54] METHOD FOR FREQUENCY TUNING A SET OF PLATES OF A WATCH, AND  
WATCH COMPRISING THE SET OF TUNED PLATES  
用於對錶的一組板進行頻率調諧的方法以及包括該組調諧的板的錶
- [71] MONTRES BRE GUET SA  
PLACE DE LA TOUR 23  
1344 L'ABBAYE  
SWITZERLAND
- [72] Polychronis Nakis KARAPATIS  
Younes KADMIRI
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG
- 

- [51] G04B 21/08 [11] 40086056  
G04B 21/00 CN115542706 A  
[13] A
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- [51] G04B 23/00 [11] 40086056  
G04B 21/00 CN115542706 A

[13] A

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G04B 37/00 | [11] | 40086056      |
|      | G04B 21/00 |      | CN115542706 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G04B 47/04 | [11] | 40086057      |
|      | G04B 19/10 |      | CN115542708 A |
|      |            | [13] | A             |

[25] ZH

[21] 42023075070.5 [22] 29.06.2023

[30] 29.06.2021 EP,21182574.0

[54] WATCH COMPRISING A DIAL INCLUDING A FIXED PORTION AND A  
MOVABLE PORTION

包括具有固定部分和可移動部分的錶盤的錶

[71] ETA SA Manufacture Horlogère Suisse  
Schild-Rust-Strasse 17  
2540 Grenchen  
SWITZERLAND[72] Julien CHRISTAN  
Ivan VILLAR[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
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HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G05B 11/14 | [11] | 40086365      |
|      | G05B 11/36 |      | CN115668071 A |
|      | G05B 11/38 |      |               |
|      | G05B 11/40 |      |               |
|      | G05B 11/42 |      |               |

[13] A

[25] EN

[21] 62023075407.4 [22] 04.07.2023

[86] 22.02.2021 PCT/US2021/019057

[87] 02.12.2021 WO2021/242337

[30] 28.05.2020 US,63/031,308

[54] SYSTEM AND METHOD FOR AUTOMATED TUNING/CONFIGURING OF A POWER  
SYSTEM STABILIZER (PSS) IN A DIGITAL EXCITATION CONTROL  
SYSTEM

用於在數字勵磁控制系統中自動調諧/配置電力系統穩定器 (PSS) 的系統和方法

[71] BASLER ELECTRIC COMPANY  
巴斯勒电子公司

12570 STATE ROUTE 143, HIGHLAND, ILLINOIS 62249-1074  
UNITED STATES OF AMERICA

[72] WEBER, DANIEL D·韦伯

KIM, KIYONG K·金姆

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED

Unit 09, 34/F., Office Tower, Convention Plaza

1 Harbour Road, Wanchai

HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G05B 11/36 | [11] | 40086365      |
|      | G05B 11/14 |      | CN115668071 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G05B 11/38 | [11] | 40086365      |
|      | G05B 11/14 |      | CN115668071 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G05B 11/40 | [11] | 40086365      |
|      | G05B 11/14 |      | CN115668071 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G05B 11/42 | [11] | 40086365      |
|      | G05B 11/14 |      | CN115668071 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G05B 23/02 | [11] | 40086189      |
|      | G06F 11/36 |      | CN116225920 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | G06F 11/00 | [11] | 40086301     |
|      | G06F 9/48  |      | EP4193256 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | G06F 11/00 | [11] | 40086306      |
|      |            |      | CN116171427 A |
|      |            | [13] | A             |

[25] EN

[21] 62023074971.0 [22] 27.06.2023

[86] 05.08.2021 PCT/US2021/044733

- [87] 10.02.2022 WO2022/031963
- [30] 05.08.2020 US, 63/061,548  
04.08.2021 US, 17/394,135
- [54] ENGINEER RECERTIFICATION ASSISTANT  
工程師再認證助理
- [71] WI-TRONIX, LLC  
外托尼克斯有限公司  
631 EAST BOUGHTON RD., #240 BOLINGBROOK, IL 60440  
UNITED STATES OF AMERICA
- [72] JORDAN, Lawrence B. L·B·乔丹  
PHADKE, Mihir M·帕德克  
MESSINA, Frank F·梅西纳  
MARTINEZ, Roger R·马丁内斯  
DINESH, Divya D·迪内希
- [74] LI Wing Hong  
Room 2302, 23/F, Lee Garden Two  
28 Yun Ping Road, Causeway Bay  
HONG KONG
- 
- [51] G06F 11/30 [11] 40086159  
G06F 11/32 CN116185754 A  
[13] A
- [25] ZH
- [21] 42023075553.0 [22] 06.07.2023
- [54] DATA MONITORING METHOD, DEVICE, EQUIPMENT AND COMPUTER  
STORAGE MEDIUM, PROGRAM PRODUCT  
數據監控方法、裝置、設備及計算機存儲介質、程序產品
- [71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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廣東省深圳市南山區高新區科技中一路  
騰訊大廈 35 層
- [72] ZHAO, Menghao 趙孟昊
- [74] 香港派特恩知識產權代理有限公司  
香港  
上環永樂街 121-125 號  
永達商業大廈 10 樓 C 室
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- [51] G06F 11/32 [11] 40086159  
G06F 11/30 CN116185754 A  
[13] A
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- [51] G06F 11/36 [11] 40086189  
G05B 23/02 CN116225920 A  
[13] A
- [25] ZH  
[21] 42023075772.6 [22] 11.07.2023
- [54] AN AUTOMATIC GENERATION METHOD AND TERMINAL FOR ATS  
CENTRALIZED STATION TEST VERIFICATION LIST  
用於 ATS 集中站測試驗證單的自動生成方法及終端
- [71] CASCO SIGNAL CO., LTD.  
卡斯柯信号有限公司  
中國  
上海市静安区江场路 1401 弄 21 号  
1101 室 200072
- [72] ZHANG Shaobo 张少波  
WEN Jingchen 文景臣  
KANG Lei 康磊  
TIAN Xiaoli 田晓莉  
GAO Chengxing 高承星  
MA Jiayun 马佳芸  
WU Jun 吴君  
ZHOU Xinyue 周欣玥
- [74] 專利及設計有限公司  
香港  
尖沙咀漆咸道南 87-105 號  
百利商業中心 2 樓 259 室
- 
- [51] G06F 16/18 [11] 40086206  
EP4133379 A1  
[13] A
- [25] EN  
[21] 62023073147.8 [22] 18.05.2023
- [86] 06.04.2021 PCT/GB2021/050851  
[87] 14.10.2021 WO2021/205164  
[30] 08.04.2020 GB,2005235.3  
21.07.2020 EP,20187061.5
- [54] A DEVICE, A METHOD OF PERFORMING A FILE TRANSACTION, AND A  
METHOD OF PERFORMING AN ACCESS OPERATION  
一種裝置、執行文件事務的方法和執行訪問操作的方法
- [71] nCipher Security Limited  
1 Station Square  
Cambridge CB1 2GA  
UNITED KINGDOM
- [72] O'DOHERTY, David
- [74] MARKS & CLERK  
Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 16/22 | [11] | 40086066      |
|      | G06F 16/27 |      | CN116166741 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 16/22 | [11] | 40086186      |
|      | G06F 3/06  |      | CN116149553 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 16/242 | [11] | 40086066      |
|      | G06F 16/27  |      | CN116166741 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/242 | [11] | 40086152      |
|      | G06F 9/50   |      | CN116048817 A |
|      |             | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06F 16/2455 | [11] | 40086066      |
|      | G06F 16/27   |      | CN116166741 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/2455 | [11] | 40086186      |
|      | G06F 3/06    |      | CN116149553 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/27   | [11] | 40086066      |
|      | G06F 16/22   |      | CN116166741 A |
|      | G06F 16/28   |      |               |
|      | G06F 16/242  |      |               |
|      | G06F 16/2455 |      |               |
|      |              | [13] | A             |

[25] ZH

[21] 42023075103.4 [22] 29.06.2023

[54] DATA PROCESSING METHOD OF BLOCKCHAIN NETWORK, DEVICE,  
COMPUTER EQUIPMENT AND MEDIUM

區塊鏈網絡的數據處理方法、裝置、計算機設備和介質

[71] TAI FUNG SECURITIES LIMITED  
大豐證券有限公司  
香港  
九龍塘達之路 72 號  
創新中心 3 樓 301

[72] LIU, Qucheng 刘区域

[74] 香港派特恩知识产权代理有限公司  
香港  
上環永樂街 121-125 號  
永達商業大廈 10 樓 C 室

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| [51] | G06F 16/27 | [11] | 40086152      |
|      | G06F 9/50  |      | CN116048817 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | G06F 16/28 | [11] | 40086066      |
|      | G06F 16/27 |      | CN116166741 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | G06F 16/33 | [11] | 40086101      |
|      | G06F 16/35 |      | CN116166794 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 16/35  | [11] | 40086101      |
|      | G06F 16/33  |      | CN116166794 A |
|      | G06F 40/30  |      |               |
|      | G06N 3/0475 |      |               |
|      | G06N 3/047  |      |               |
|      | G06N 3/0455 |      |               |
|      | G06N 3/08   |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42023075241.2 [22] 30.06.2023

[54] LANGUAGE MODEL TRAINING METHOD, TEXT CLASSIFICATION METHOD,  
APPARATUS, DEVICE, AND MEDIUM  
語言模型的訓練方法、文本分類方法、裝置、設備及介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District, Shenzhen, Guangdong, 518057  
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518057 广东省深圳市南山区高新区科技中一路  
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[72] ZHAI, BINXU 翟彬旭

[74] 集佳知識產權有限公司

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九龍旺角洗衣街 39-55 號

金雞廣場 12 層 1201 室

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| [51] | G06F 16/683 | [11] | 40086085      |
|      | H04L 51/52  |      | CN116137617 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/738 | [11] | 40086030      |
|      | H04N 21/235 |      | CN115883885 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/75  | [11] | 40086097      |
|      | G06F 16/783 |      | CN116089651 A |
|      | G06N 3/045  |      |               |
|      | G06N 3/08   |      |               |
|      |             | [13] | A             |

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[25] ZH

[21] 42023075237.0 [22] 30.06.2023

[54] TRAINING METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM FOR  
FEATURE EXTRACTION MODEL  
一種特徵提取模型的訓練方法、裝置、設備以及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

腾讯科技(深圳)有限公司

35/F, Tencent Building

Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan

District, Shenzhen, Guangdong, 518057

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[72] LI, ZHENYANG 李振阳

[74] 集佳知識產權有限公司

香港

九龍旺角洗衣街 39-55 號

金雞廣場 12 層 1201 室

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[51] G06F 16/783 [11] 40086097  
G06F 16/75 CN116089651 A  
[13] A

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[51] G06F 16/901 [11] 40086089  
G06F 18/2433 CN116150691 A  
[13] A

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[51] G06F 16/901 [11] 40086148  
A63F 13/577 CN116036604 A  
[13] A

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[51] G06F 16/901 [11] 40086162  
G06F 16/903 CN116150431 A  
G06F 16/9035  
[13] A

[25] ZH

[21] 42023075563.9 [22] 06.07.2023

[54] INFORMATION PROCESSING METHOD, DEVICE, ELECTRONIC EQUIPMENT  
AND COMPUTER-READABLE STORAGE MEDIUM

信息處理方法、裝置、電子設備和計算機可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

騰訊科技(深圳)有限公司

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廣東省深圳市南山區高新區科技中一路

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[72] LIU, Bin 劉斌

[74] 香港派特恩知識產權代理有限公司

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永達商業大廈 10 樓 C 室

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[51] G06F 16/903 [11] 40086089  
G06F 18/2433 CN116150691 A  
[13] A

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[51] G06F 16/903 [11] 40086162  
G06F 16/901 CN116150431 A  
[13] A

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[51] G06F 16/9035 [11] 40086162  
G06F 16/901 CN116150431 A  
[13] A

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[51] G06F 16/906 [11] 40086110  
G06F 16/9535 CN116150464 A  
[13] A

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[51] G06F 16/9535 [11] 40086074  
G06N 3/044 CN116150471 A  
G06N 3/045  
G06N 3/047  
G06N 3/084  
G06N 3/0464  
[13] A

[25] ZH

[21] 42023075127.3 [22] 30.06.2023

[54] CONTENT DELIVERY CONTROL METHOD AND RELATED DEVICE  
內容的投放控制方法及相關設備

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F,Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District,Shenzhen,Guangdong,518057  
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518057 广东省深圳市南山区高新区科技中一路  
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[51] G06F 16/9535 [11] 40086086  
G06F 16/9538 CN116150469 A  
G06F 18/22  
G06N 3/04  
G06N 3/08  
[13] A

[25] ZH

[21] 42023075226.3 [22] 30.06.2023

[54] CONTENT RECOMMENDATION METHOD, APPARATUS AND RELATED PRODUCT  
一種內容推薦方法、裝置及相關產品

- [71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F,Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District,Shenzhen,Guangdong,518057  
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中國  
518057 广东省深圳市南山区高新区科技中一路  
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- [72] DONG,ZHE 董喆
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- [51] G06F 16/9535 [11] 40086092  
G06Q 30/0251 CN116188080 A  
[13] A
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- [51] G06F 16/9535 [11] 40086103  
G06N 3/0499 CN116150470 A  
G06N 3/08  
[13] A

[25] ZH

[21] 42023075243.8 [22] 30.06.2023

[54] CONTENT RECOMMENDATION METHOD, APPARATUS, DEVICE, STORAGE  
MEDIUM, AND PROGRAM PRODUCT  
內容推薦方法、裝置、設備、存儲介質及程序產品

- [71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F,Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District,Shenzhen,Guangdong,518057  
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中國  
518057 广东省深圳市南山区高新区科技中一路  
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- [72] DAI,Wei 戴威
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金雞廣場 12 層 1201 室
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[51] G06F 16/9535 [11] 40086110  
G06F 16/906 CN116150464 A  
G06F 18/22  
[13] A

[25] ZH

[21] 42023075314.7 [22] 30.06.2023

[54] MEDIA INFORMATION RECOMMENDATION METHOD, DEVICE, EQUIPMENT,  
PROGRAM AND STORAGE MEDIUM  
媒體信息推薦方法、裝置、設備、程序以及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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廣東省深圳市南山區高新區科技中一路  
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[72] CHEN, Hao 陳昊

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[51] G06F 16/9537 [11] 40086105  
G06F 16/9538 CN116166893 A  
[13] A

[25] ZH

[21] 42023075245.3 [22] 30.06.2023

[54] METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM FOR POSITIONING  
AND DISPLAYING INTERACTIVE TOPIC  
互動話題定位和展示方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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|------|--------------|------|---------------|
| [51] | G06F 16/9538 | [11] | 40086086      |
|      | G06F 16/9535 |      | CN116150469 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/9538 | [11] | 40086105      |
|      | G06F 16/9537 |      | CN116166893 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06F 17/16   | [11] | 40086111      |
|      | G06Q 30/0601 |      | CN116109370 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06F 18/22   | [11] | 40086086      |
|      | G06F 16/9535 |      | CN116150469 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 18/22   | [11] | 40086110      |
|      | G06F 16/9535 |      | CN116150464 A |
|      |              | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 18/22  | [11] | 40086158      |
|      | H04N 21/232 |      | CN116095359 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 18/23   | [11] | 40086089      |
|      | G06F 18/2433 |      | CN116150691 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 18/2433 | [11] | 40086089      |
|      | G06F 18/23   |      | CN116150691 A |
|      | G06F 16/901  |      |               |
|      | G06F 16/903  |      |               |
|      | G06Q 20/40   |      |               |
|      |              | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42023075229.7 | [22] | 30.06.2023 |
|------|---------------|------|------------|

[54] DATA PROCESSING METHOD, APPARATUS, DEVICE, STORAGE MEDIUM,  
AND PROGRAM PRODUCT

數據處理方法、裝置、設備、存儲介質及程序產品

[71] Tencent Technology (Shenzhen) Company Limited  
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[74] 集佳知識產權有限公司  
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|------|------------|------|--------------|
| [51] | G06F 21/30 | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | G06F 21/60 | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | G06F 21/60 | [11] | 40086169     |
|      | G06F 21/62 |      | EP4131047 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 21/60 | [11] | 40086191      |
|      | H04L 9/40  |      | CN115023920 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 21/62 | [11] | 40086067      |
|      | H04L 9/32  |      | CN116192394 A |
|      |            | [13] | A             |

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| [51] | G06F 21/62 | [11] | 40086169     |
|      | G06F 21/60 |      | EP4131047 A1 |
|      |            | [13] | A            |

|      |               |      |            |
|------|---------------|------|------------|
| [25] | EN            |      |            |
| [21] | 42023075584.5 | [22] | 07.07.2023 |

[54] DATA OBFUSCATION  
數據混淆

[71] Blue Prism Limited  
2 Cinnamon Park Crab Lane  
Fearnhead  
Warrington WA2 0XP  
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[72] ZHANG, De  
DUBBA, Krishna Sandeep Reddy

[74] SFKS CK KWONG, SOLICITORS  
17th Floor, Chu Kong Shipping Tower  
No. 143 Connaught Road Central  
HONG KONG

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|------|-------------------------|------|---------------------------|
| [51] | G06F 21/62<br>H04L 9/40 | [11] | 40086191<br>CN115023920 A |
|      |                         | [13] | A                         |

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|------|-------------------------|------|---------------------------|
| [51] | G06F 21/64<br>H04L 9/32 | [11] | 40086067<br>CN116192394 A |
|      |                         | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06F 21/72<br>G06N 20/20 | [11] | 40086095<br>CN116049909 A |
|      |                          | [13] | A                         |

[25] ZH

[21] 42023075235.4 [22] 30.06.2023

[54] FEATURE SCREENING METHOD, APPARATUS, DEVICE, AND STORAGE  
MEDIUM IN FEDERATED FEATURE ENGINEERING  
聯邦特徵工程中的特徵篩選方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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[72] HUANG, CHENYU 黄晨宇  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G06F 21/74 | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 3/0481 | [11] | 40086099      |
|      | G06Q 20/40  |      | CN116136996 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 3/04817 | [11] | 40086137      |
|      | G06Q 10/0832 |      | CN115907592 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 3/0482  | [11] | 40086137      |
|      | G06Q 10/0832 |      | CN115907592 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 3/04842 | [11] | 40086099      |
|      | G06Q 20/40   |      | CN116136996 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 3/04842 | [11] | 40086137      |
|      | G06Q 10/0832 |      | CN115907592 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06F 3/06 | [11] | 40086091      |
|      |           |      | CN116126209 A |
|      |           | [13] | A             |

[25] ZH

[21] 42023075231.3 [22] 30.06.2023

[54] DATA STORAGE METHOD, SYSTEM, APPARATUS, STORAGE MEDIUM, AND PROGRAM PRODUCT

數據存儲方法、系統、裝置、存儲介質及程序產品

[71] Tencent Technology (Shenzhen) Company Limited

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QIHE 齐赫

ZHANG, CHAO 章超

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[51] G06F 3/06 [11] 40086186  
B61L 27/00 CN116149553 A  
G06F 16/22  
G06F 16/2455

[13] A

[25] ZH

[21] 42023075769.2 [22] 11.07.2023

[54] A METHOD FOR ACCESSING ALARM INFORMATION OF HIGH-SPEED RAILWAY SIGNAL EQUIPMENT

一種高鐵信號設備警報信息的存取方法

[71] CASCO SIGNAL CO., LTD.

卡斯柯信号有限公司

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上海市静安区江场路 1401 弄 21 号

1101 室 200072

[72] WANG Shenggen 王圣根

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TU Pengfei 涂鹏飞

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LUO Xin 罗鑫

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百利商業中心 2 樓 259 室

[51] G06F 40/151

G06F 8/41

[11] 40086096

CN116167341 A

[13] A

[25] ZH

[21] 42023075236.2

[22] 30.06.2023

[54] DATA PROCESSING METHOD, APPARATUS, DEVICE, STORAGE MEDIUM,  
AND PROGRAM PRODUCT

數據處理方法、裝置、設備、存儲介質及程序產品

[71] Tencent Technology (Shenzhen) Company Limited

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[72] zhang, xuelin 张学林

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MAN, YUSHUANG 满育爽

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[51] G06F 40/166

G06F 40/194

[11] 40086185

CN116151214 A

[13] A

[51] G06F 40/194

G06F 40/166

G06F 40/197

[11] 40086185

CN116151214 A

[13] A

[25] ZH

[21] 42023075768.4 [22] 11.07.2023

[54] A METHOD FOR GENERATING COMPUTER INTERLOCKING COMMUNICATION  
FILE  
一種生成計算機聯鎖的通信文件的方法

[71] CASCO SIGNAL CO., LTD.  
卡斯柯信号有限公司  
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[72] CHENG Peng 成鹏  
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HONG Lingjiao 洪玲娇  
MAO Xiangfeng 毛祥峰  
LI Caixia 李彩霞

[74] 專利及設計有限公司  
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尖沙咀漆咸道南 87-105 號  
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[51] G06F 40/197 [11] 40086185  
G06F 40/194 CN116151214 A  
[13] A

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[51] G06F 40/30 [11] 40086101  
G06F 16/35 CN116166794 A  
[13] A

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[51] G06F 8/41 [11] 40086096  
G06F 40/151 CN116167341 A  
[13] A

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[51] G06F 9/38 [11] 40086051  
CN115993992 A  
[13] A

[25] ZH

[21] 42023075032.5 [22] 28.06.2023

[30] 09.11.2015 US, 14/935, 579

[54] FETCH AHEAD BRANCH TARGET BUFFER  
提前取出分支目標緩衝器

[71] Mips Tech, LLC  
美普思技術有限責任公司  
3201 Scott Blvd.  
Santa Clara, CA 95054  
UNITED STATES OF AMERICA

[72] 帕蒂弗·波塔  
桑杰·帕特爾  
苏达卡尔·兰加纳坦

[74] AWA ASIA LIMITED  
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77 Leighton Road, Causeway Bay  
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[51] G06F 9/451 [11] 40086094  
G06Q 10/101 CN116107670 A  
[13] A

[25] ZH

[21] 42023075234.7 [22] 30.06.2023

[54] MANUSCRIPT COLLABORATIVE LOCATION METHOD, APPARATUS,  
ELECTRONIC DEVICE, AND STORAGE MEDIUM  
一種稿件協同定位方法、裝置、電子設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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GAO, JING 高靜  
YU, KEJING 俞珂靜  
CHENG, TIANYANG 成天暘  
LI, HAIFENG 李海丰

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[51] G06F 9/46 [11] 40086062  
G06F 9/54 CN116126480 A  
[13] A

[25] ZH

[21] 42023075096.0 [22] 29.06.2023

[54] CROSS BLOCKCHAIN PROCESSING METHOD OF TRANSACTION, DEVICE AND INTELLIGENT EQUIPMENT, MEDIUM, PRODUCT  
事務的跨區塊鏈處理方法、裝置及智能設備、介質、產品

[71] TAI FUNG SECURITIES LIMITED  
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[51] G06F 9/48 [11] 40086152  
G06F 9/50 CN116048817 A  
[13] A

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[51] G06F 9/48 [11] 40086301  
G06F 11/00 EP4193256 A1  
G06F 9/54  
[13] A

[25] EN

[21] 62023074963.7 [22] 27.06.2023

[86] 05.08.2021 PCT/US2021/044588

[87] 10.02.2022 WO2022/031878

[30] 07.08.2020 US,16988249  
07.08.2020 US,16988491

[54] HIGHLY DETERMINISTIC LATENCY IN A DISTRIBUTED SYSTEM  
分布式系統中的高確定性延遲

[71] Hyannis Port Research, Inc.  
75 2nd Ave Suite 210, Needham, Massachusetts 02494  
UNITED STATES OF AMERICA

[72] AMICANGIOLI, Anthony D.  
BAST, Allen  
ROSEN, B. Joshua  
JUHASZ, Christophe

[74] ACCOLADE IP LIMITED  
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27 Hillier Street, Sheung Wan  
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[51] G06F 9/50 [11] 40086152  
G06F 9/48 CN116048817 A  
G06F 16/27  
G06F 16/242  
[13] A

[25] ZH

[21] 42023075545.6 [22] 06.07.2023

[54] DATA PROCESSING CONTROL METHOD, DEVICE, COMPUTER EQUIPMENT  
AND STORAGE MEDIUM  
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[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] XUE, Wenwei 薛文偉  
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[51] G06F 9/54 [11] 40086062  
G06F 9/46 CN116126480 A  
[13] A

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[51] G06F 9/54 [11] 40086301  
G06F 9/48 EP4193256 A1  
[13] A

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[51] G06K 9/62 [11] 40086333  
A01M 1/02 EP4161258 A1  
[13] A

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[51] G06N 20/00 [11] 40086092  
G06Q 30/0251 CN116188080 A  
[13] A

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|------|------------|------|---------------|
| [51] | G06N 20/00 | [11] | 40086161      |
|      | H04L 9/30  |      | CN116112171 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | G06N 20/00 | [11] | 40086333     |
|      | A01M 1/02  |      | EP4161258 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | G06N 20/20 | [11] | 40086095      |
|      | G06F 21/72 |      | CN116049909 A |
|      |            | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06N 3/04    | [11] | 40086086      |
|      | G06F 16/9535 |      | CN116150469 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/044   | [11] | 40086074      |
|      | G06F 16/9535 |      | CN116150471 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/045   | [11] | 40086074      |
|      | G06F 16/9535 |      | CN116150471 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 3/045 | [11] | 40086097      |
|      | G06F 16/75 |      | CN116089651 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/0455 | [11] | 40086101      |
|      | G06F 16/35  |      | CN116166794 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/0464  | [11] | 40086074      |
|      | G06F 16/9535 |      | CN116150471 A |
|      |              | [13] | A             |

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| [51] | G06N 3/0464 | [11] | 40086090      |
|      | G06V 10/22  |      | CN116091755 A |
|      |             | [13] | A             |

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| [51] | G06N 3/0464 | [11] | 40086104      |
|      | G06T 5/50   |      | CN116109531 A |
|      |             | [13] | A             |

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| [51] | G06N 3/047   | [11] | 40086074      |
|      | G06F 16/9535 |      | CN116150471 A |
|      |              | [13] | A             |

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| [51] | G06N 3/047 | [11] | 40086090      |
|      | G06V 10/22 |      | CN116091755 A |
|      |            | [13] | A             |

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| [51] | G06N 3/047 | [11] | 40086101      |
|      | G06F 16/35 |      | CN116166794 A |
|      |            | [13] | A             |

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| [51] | G06N 3/047 | [11] | 40086104      |
|      | G06T 5/50  |      | CN116109531 A |
|      |            | [13] | A             |

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| [51] | G06N 3/0475 | [11] | 40086101      |
|      | G06F 16/35  |      | CN116166794 A |
|      |             | [13] | A             |

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| [51] | G06N 3/0499  | [11] | 40086103      |
|      | G06F 16/9535 |      | CN116150470 A |
|      |              | [13] | A             |

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| [51] | G06N 3/08    | [11] | 40086086      |
|      | G06F 16/9535 |      | CN116150469 A |
|      |              | [13] | A             |

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| [51] | G06N 3/08  | [11] | 40086097      |
|      | G06F 16/75 |      | CN116089651 A |
|      |            | [13] | A             |

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| [51] | G06N 3/08  | [11] | 40086101      |
|      | G06F 16/35 |      | CN116166794 A |
|      |            | [13] | A             |

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| [51] | G06N 3/08    | [11] | 40086103      |
|      | G06F 16/9535 |      | CN116150470 A |
|      |              | [13] | A             |

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| [51] | G06N 3/08 | [11] | 40086104      |
|      | G06T 5/50 |      | CN116109531 A |
|      |           | [13] | A             |

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| [51] | G06N 3/084   | [11] | 40086074      |
|      | G06F 16/9535 |      | CN116150471 A |
|      |              | [13] | A             |

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| [51] | G06Q 10/00 | [11] | 40086247     |
|      |            |      | EP4111388 A1 |
|      |            | [13] | A            |

[25] EN

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| [21] | 62023074780.5 | [22] | 21.06.2023 |
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[86] 24.02.2021 PCT/US2021/019469

[87] 02.09.2021 WO2021/173714

[30] 25.02.2020 US,62/981,384

[54] SYSTEMS AND METHODS FOR ENHANCING SUGGESTIONS WITH AN EFFECTIVENESS INDEX

利用有效性指標增強建議的系統和方法

[71] Aktana, Inc.  
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[72] BLUSTEIN, Gil  
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[74] UNITALEN ATTORNEYS AT LAW LIMITED  
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[51] G06Q 10/047 [11] 40086184  
G06Q 50/26 CN116151502 A  
G06Q 50/30  
B61L 27/10  
[13] A

[25] ZH  
[21] 42023075767.6 [22] 11.07.2023

[54] A METHOD FOR AUTOMATIC GENERATION OF TRAIN OPERATION ROUTING  
DATA BASED ON VECTOR PATH  
一種基於矢量路徑的列車運營交路數據自動生成方法

[71] CASCO SIGNAL CO., LTD.  
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[51] G06Q 10/06 [11] 40086045  
G06Q 20/36 EP4184410 A1  
[13] A

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[51] G06Q 10/08 [11] 40086192  
CN114766026 A  
[13] A

[25] EN  
[21] 62022062592.0 [22] 24.10.2022

[86] 30.12.2021 PCT/CN2021/142778  
[87] 15.06.2023 WO2023/103124  
[30] 06.12.2021 US,17/543,703

[54] LOGISTICS MANAGEMENT SYSTEM AND METHOD USING BLOCKCHAIN  
使用區塊鏈的物流管理系統和方法

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[51] G06Q 10/0832

[11] 40086137

G06Q 30/0601

CN115907592 A

G06F 3/04817

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[13] A

[25] ZH

[21] 42023075478.0

[22] 05.07.2023

[54] PAGE INTERACTION METHOD, DEVICE, STORAGE MEDIUM AND COMPUTER EQUIPMENT

頁面交互方法、裝置、存儲介質及計算機設備

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[51] G06Q 10/0835

[11] 40086138

CN115965317 A

[13] A

[25] ZH

[21] 42023075479.8

[22] 05.07.2023

[54] LOCATION-BASED INFORMATION PROCESSING METHOD AND DEVICE  
基於位置的信息處理方法及裝置

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[51] G06Q 10/087

G06Q 40/04

[11] 40086047

CN116205734 A

[13] A

[51] G06Q 10/10

G06Q 40/04

[11] 40086047

CN116205734 A

[13] A

[51] G06Q 10/10

G06Q 10/20

G06Q 50/30

[11] 40086183

CN116128437 A

[13] A

[25] ZH

[21] 42023075766.8

[22] 11.07.2023

[54] AUXILIARY DEBUGGING DEVICE AND METHOD OF RAILWAY SIGNAL  
CENTRALIZED MONITORING SYSTEM

一種鐵路信號集中監測系統的輔助調試裝置及方法

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| [51] | G06Q 10/101 | [11] | 40086094      |
|      | G06F 9/451  |      | CN116107670 A |
|      |             | [13] | A             |

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| [51] | G06Q 10/20 | [11] | 40086183      |
|      | G06Q 10/10 |      | CN116128437 A |
|      |            | [13] | A             |

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| [51] | G06Q 20/02 | [11] | 40086044     |
|      | G06Q 20/06 |      | EP4184404 A1 |
|      |            | [13] | A            |

[25] EN

[21] 42023074591.1 [22] 27.04.2020

[30] 26.05.2017 GB,201708493

26.05.2017 GB,201708491

26.05.2017 GB,201708488

[62] 27.04.2020 62020006602.0

[54] SCRIPT-BASED BLOCKCHAIN INTERACTION

基於腳本的區塊鏈交互

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|      |            |      |              |
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| [51] | G06Q 20/02 | [11] | 40086243     |
|      | G06Q 20/36 |      | EP4104127 A1 |
|      |            | [13] | A            |

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| [51] | G06Q 20/06 | [11] | 40086044     |
|      | G06Q 20/02 |      | EP4184404 A1 |
|      |            | [13] | A            |

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| [51] | G06Q 20/06 | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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| [51] | G06Q 20/10 | [11] | 40086099      |
|      | G06Q 20/40 |      | CN116136996 A |
|      |            | [13] | A             |

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| [51] | G06Q 20/30 | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | G06Q 20/36 | [11] | 40086045     |
|      | G06F 21/30 |      | EP4184410 A1 |
|      | G06Q 10/06 |      |              |
|      | H04W 4/00  |      |              |
|      | G06F 21/60 |      |              |
|      | G06F 21/74 |      |              |
|      | G06Q 20/38 |      |              |
|      | G06Q 20/40 |      |              |
|      | H04L 9/40  |      |              |
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|      |            | [13] | A            |

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[25] EN

[21] 42023074592.9 [22] 11.03.2019

[30] 29.04.2016 GB,201607476

[62] 11.03.2019 19120763.8

[54] OPERATING SYSTEM FOR BLOCKCHAIN IOT DEVICES  
區塊鏈物聯網設備的操作系統

[71] NCHAIN LICENSING AG  
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[51] G06Q 20/36 [11] 40086243  
G06Q 20/02 EP4104127 A1  
[13] A

[25] EN

[21] 62023074774.8 [22] 21.06.2023

[86] 10.02.2021 PCT/US2021/017516

[87] 19.08.2021 WO2021/163232

[30] 10.02.2020 US,62/972,108

[54] SYSTEM AND METHOD FOR IMPLEMENTING A PAYMENT ARCHITECTURE  
THAT PROVIDES INSTANT, RISK-FREE PAYMENT IN DIGITAL CASH  
用於實現以數字現金提供即時、無風險支付的支付架構的系統和方法

[71] Izzi, Inc.  
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[72] SWEET, Lawrence, Mark

[74] MARKS & CLERK  
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[51] G06Q 20/38 [11] 40086045  
G06Q 20/36 EP4184410 A1  
[13] A

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[51] G06Q 20/38 [11] 40086098  
G11B 20/10 CN116151821 A  
[13] A

[25] ZH

[21] 42023075238.8 [22] 30.06.2023

[54] FEATURE VALUE TRANSFER-BASED DATA FLOW PROCESSING METHOD AND RELATED APPARATUS

一種基於特徵值轉移的數據流處理方法和相關裝置

[71] Tencent Technology (Shenzhen) Company Limited

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| [51] | G06Q 20/40 | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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| [51] | G06Q 20/40   | [11] | 40086089      |
|      | G06F 18/2433 |      | CN116150691 A |
|      |              | [13] | A             |

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| [51] | G06Q 20/40   | [11] | 40086099      |
|      | G06Q 20/10   |      | CN116136996 A |
|      | G06F 3/0481  |      |               |
|      | G06F 3/04842 |      |               |
|      |              | [13] | A             |

[25] ZH

[21] 42023075239.6

[22] 30.06.2023

[54] FACE PAYMENT METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM  
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[51] G06Q 20/40

[11] 40086100

CN116188013 A

[13] A

[25] ZH

[21] 42023075240.4

[22] 30.06.2023

[54] ACCOUNT BINDING METHOD, APPARATUS, COMPUTER DEVICE, AND  
STORAGE MEDIUM

賬號綁定方法、裝置、計算機設備及存儲介質

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[51] G06Q 30/0241

[11] 40086092

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CN116188080 A

[13] A

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[51] G06Q 30/0242

[11] 40086075

CN116051186 A

[13] A

[25] ZH

[21] 42023075128.1

[22] 30.06.2023

[54] METHOD AND APPARATUS FOR ESTIMATING DELIVERY RESULT, STORAGE MEDIUM, AND ELECTRONIC DEVICE

投放結果的預估方法和裝置、存儲介質及電子設備

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[11] 40086083

CN116091133 A

[13] A

[25] ZH

[21] 42023075138.0

[22] 30.06.2023

[54] METHOD, DEVICE AND STORAGE MEDIUM FOR IDENTIFYING TARGET OBJECT ATTRIBUTES

一種目標對象屬性的識別方法、裝置及存儲介質

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CN116188080 A

G06F 16/9535

G06N 20/00

[13] A

[25] ZH

[21] 42023075232.1

[22] 30.06.2023

[54] RESOURCE RECOMMENDATION METHOD, APPARATUS, ELECTRONIC DEVICE,  
AND STORAGE MEDIUM

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[51] G06Q 30/0251

[11] 40086241

G06Q 30/0272

CN115917575 A

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[51] G06Q 30/0272

[11] 40086241

G06Q 30/0251

CN115917575 A

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[25] JA

[21] 62023074772.2

[22] 21.06.2023

[86] 22.02.2021 PCT/JP2021/006537

[87] 14.10.2021 WO2021/205762

[30] 07.04.2020 JP, 2020-068925

[54] INFORMATION PROCESSING APPARATUS, PLAN REVISION ASSIST METHOD  
AND PLAN REVISION ASSIST PROGRAM

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[51] G06Q 30/06 [11] 40086296  
CN116194942 A  
[13] A

[25] JA

[21] 62023074891.0 [22] 26.06.2023

[86] 14.09.2021 PCT/JP2021/033733

[87] 31.03.2022 WO2022/065135

[30] 27.09.2020 JP,2020-161553

[54] STORE ARRANGEMENT STRUCTURE IN COMMERCIAL BUILDING  
商業大廈中的店鋪配置結構

[71] LAND BUSINESS CO.,LTD.  
株式會社藍地商業  
KASUMIGASEKI BUILDING, 2-5  
KASUMIGASEKI 3-CHOME  
CHIYODA-KU Tokyo 1006030  
JAPAN

[72] KAMEI Masamichi 龜井正通

[74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

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[51] G06Q 30/06 [11] 40086333  
A01M 1/02 EP4161258 A1  
[13] A

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[51] G06Q 30/0601 [11] 40086111  
G06F 17/16 CN116109370 A  
[13] A

[25] ZH

[21] 42023075315.4 [22] 30.06.2023

[54] ARTICLE RECOMMENDATION METHOD AND RELATED DEVICE  
物品推薦方法及相關裝置

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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广东省深圳市南山区高新区科技中一路  
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[72] CHEN, Yuzhao 陈煜钊

[74] 香港派特恩知识产权代理有限公司

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永達商業大廈 10 樓 C 室

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[51] G06Q 30/0601

G06Q 10/0832

[11] 40086137

CN115907592 A

[13] A

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[51] G06Q 30/0601

[11] 40086139

CN116245612 A

[13] A

[25] ZH

[21] 42023075480.6

[22] 05.07.2023

[54] COMMODITY INFORMATION DISPLAY METHOD, DEVICE, STORAGE MEDIUM  
AND COMPUTER EQUIPMENT

商品信息顯示方法、裝置、存儲介質及計算機設備

[71] Rajax Network Technology (Shanghai) Co., Ltd.

拉扎斯网络科技(上海)有限公司

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[72] 廖羲

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张良朋

张秀秀

邢泽铭

叶茂祥

罗峡

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陈梁

李越扬

周洪林

孙君雅

张大宗

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潘晓骏

汪学为

刘旻昱

周靖

谢子婕

陈居东

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[74] 博思佳知識產權代理有限公司

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安盛工業大廈 6 樓 C (22) 室

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| [51] | G06Q 30/08 | [11] | 40086047      |
|      | G06Q 40/04 |      | CN116205734 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06Q 40/04  | [11] | 40086047      |
|      | G06Q 30/08  |      | CN116205734 A |
|      | G06Q 10/087 |      |               |
|      | G06Q 10/10  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42023074680.2

[22] 19.06.2023

[54] IMPLEMENTATION METHODS, DEVICES AND SERVICES SYSTEM OF CROSS-BORDER SERVICE PLATFORMS

跨境服務平台執行方法和裝置、及跨境服務系統

[71] HK Bidding Technology Service Limited

香港招标技术服务有限公司

UNIT 920 , 9 /F , STAR HOUSE

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HONG KONG

[72] 张素军

[74] ZHANG SUJUN

UNIT 920,9/F, STAR HOUSE

NO.3 SALISBURY ROAD,TSIM SHA TSUI,KOWLOON

HONG KONG

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[51] G06Q 40/04 [11] 40086191  
H04L 9/40 CN115023920 A  
[13] A

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[51] G06Q 50/26 [11] 40086184  
G06Q 10/047 CN116151502 A  
[13] A

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[51] G06Q 50/30 [11] 40086183  
G06Q 10/10 CN116128437 A  
[13] A

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[51] G06Q 50/30 [11] 40086184  
G06Q 10/047 CN116151502 A  
[13] A

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[51] G06Q 50/34 [11] 40086058  
G07F 17/32 CN115936957 A  
A63F 1/06 [13] A

[25] ZH

[21] 42023075072.1 [22] 21.11.2018

[30] 24.01.2017 JP,2017-010135

[62] 21.11.2018 18114862.6

[54] CHIP RECOGNITION SYSTEM  
籌碼識別系統

[71] ANGEL GROUP CO., LTD.  
天使集团股份有限公司  
4600 AONO-CHO, HIGASHIOMI-SHI, SHIGA 527-0232  
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[72] Yasushi SHIGETA 重田泰

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
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HONG KONG

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[51] G06T 19/00 [11] 40086378  
CN115803787 A  
[13] A

[25] KR

[21] 62023075428.0 [22] 04.07.2023  
[86] 06.07.2022 PCT/KR2022/009747  
[87] 12.01.2023 WO2023/282614  
[30] 07.07.2021 KR,10-2021-0088927  
05.07.2022 KR,10-2022-0082625  
[54] METHOD AND APPARATUS FOR GENERATING TEXTURE IMAGE  
紋理圖像生成方法及裝置  
[71] CLO VIRTUAL FASHION INC.  
柯錫虚拟时尚股份有限公司  
42th FI., Gangnam Finance Center  
152 Teheran-ro, Gangnam-gu Seoul 06236  
REPUBLIC OF KOREA  
[72] SHIN, Hyun Joon 申铉俊  
YANG, Myung Hyun 梁明贤  
[74] PATENT AND DESIGN LIMITED  
Room 259, 2/F., Beverley Commercial Centre  
87-105 Chatham Road South, Tsim Sha Tsui  
HONG KONG

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[51] G06T 3/40 [11] 40086104  
G06T 5/50 CN116109531 A  
[13] A

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[51] G06T 5/00 [11] 40086201  
H04N 19/00 EP4139884 A1  
H04N 19/33  
[13] A  
[25] EN  
[21] 62023071031.6 [22] 04.04.2023  
[86] 21.04.2021 PCT/US2021/028475  
[87] 28.10.2021 WO2021/216767  
[30] 22.04.2020 EP,20170837.7  
22.04.2020 US,63/013,807  
[54] ITERATIVE OPTIMIZATION OF RESHAPING FUNCTIONS IN SINGLE-LAYER  
HDR IMAGE CODEC  
單層 HDR 圖像編解碼器中整形函數的迭代優化  
[71] DOLBY LABORATORIES LICENSING CORPORATION  
1275 MARKET STREET, SAN FRANCISCO, CA 94103  
UNITED STATES OF AMERICA  
[72] SU, GUAN-MING  
KADU, HARSHAD  
[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] G06T 5/50 [11] 40086104  
G06T 3/40 CN116109531 A  
G06V 20/70  
G06V 10/764  
G06V 10/82  
G06N 3/0464  
G06N 3/047  
G06N 3/08  
[13] A

[25] ZH

[21] 42023075244.6 [22] 30.06.2023

[54] IMAGE PROCESSING METHOD, APPARATUS, COMPUTER DEVICE, AND  
STORAGE MEDIUM  
圖像處理方法、裝置、計算機設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
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金雞廣場 12 層 1201 室

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[51] G06T 7/13 [11] 40086076  
G06T 7/181 CN116051585 A  
G06V 10/44  
[13] A

[25] ZH

[21] 42023075129.9 [22] 30.06.2023

[54] IMAGE PROCESSING METHOD AND DEVICE THEREOF, STORAGE MEDIUM  
圖像處理方法及其裝置、存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
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WANG, WENLAI 王文来

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[51] G06T 7/181

G06T 7/13

[11] 40086076

CN116051585 A

[13] A

[51] G06V 10/22

G06V 10/44

G06V 10/764

G06V 10/82

G06V 10/80

G06N 3/0464

G06N 3/047

[11] 40086090

CN116091755 A

[13] A

[25] ZH

[21] 42023075230.5

[22] 30.06.2023

[54] OBJECT RECOGNITION METHOD, APPARATUS, DEVICE, AND STORAGE  
MEDIUM

一種對象識別方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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GONG, XING 龚星

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| [51] | G06V 10/44 | [11] | 40086076      |
|      | G06T 7/13  |      | CN116051585 A |
|      |            | [13] | A             |

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| [51] | G06V 10/44 | [11] | 40086090      |
|      | G06V 10/22 |      | CN116091755 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40086065      |
|      | G07F 17/32  |      | CN116030581 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40086090      |
|      | G06V 10/22  |      | CN116091755 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40086104      |
|      | G06T 5/50   |      | CN116109531 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06V 10/80 | [11] | 40086090      |
|      | G06V 10/22 |      | CN116091755 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/82 | [11] | 40086090      |
|      | G06V 10/22 |      | CN116091755 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | G06V 10/82 | [11] | 40086104      |
|      | G06T 5/50  |      | CN116109531 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | G06V 10/98 | [11] | 40086065      |
|      | G07F 17/32 |      | CN116030581 A |
|      |            | [13] | A             |

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|-------|---------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51]  | G06V 20/00<br>G07F 17/32                                                                                | [11] | 40086065<br>CN116030581 A |
|       |                                                                                                         | [13] | A                         |
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| [51]  | G06V 20/58<br>B61L 23/04                                                                                | [11] | 40086125<br>CN115690721 A |
|       |                                                                                                         | [13] | A                         |
| [25]  | ZH                                                                                                      |      |                           |
| [21]  | 42023075412.9                                                                                           | [22] | 04.07.2023                |
| [30]  | 30.07.2021 EP,21188893.8                                                                                |      |                           |
| [54]  | METHOD AND DEVICE FOR DETECTING OBSTACLES ON A ROUTE<br>一種檢測路線上障礙物的方法及設備                                |      |                           |
| [71]  | Siemens Mobility GmbH<br>西門子交通有限公司<br>Otto-Hahn-Ring 6, 81739 München, Bayern<br>GERMANY                |      |                           |
| [72]  | Jens Braband 丅布拉班德                                                                                      |      |                           |
| [74]  | LIU, SHEN & ASSOCIATES<br>Room 3716, 37/F, Sun Hung Kai Centre<br>30 Harbour Road, Wanchai<br>HONG KONG |      |                           |
| <hr/> |                                                                                                         |      |                           |
| [51]  | G06V 20/62<br>A63F 13/213                                                                               | [11] | 40086165<br>CN115591219 A |
|       |                                                                                                         | [13] | A                         |
| <hr/> |                                                                                                         |      |                           |
| [51]  | G06V 20/70<br>G06T 5/50                                                                                 | [11] | 40086104<br>CN116109531 A |
|       |                                                                                                         | [13] | A                         |
| <hr/> |                                                                                                         |      |                           |
| [51]  | G06V 30/148<br>G06V 30/24                                                                               | [11] | 40086088<br>CN116092094 A |
|       |                                                                                                         | [13] | A                         |
| <hr/> |                                                                                                         |      |                           |
| [51]  | G06V 30/16<br>G06V 30/244                                                                               | [11] | 40086084<br>CN116152829 A |
|       |                                                                                                         | [13] | A                         |
| <hr/> |                                                                                                         |      |                           |

[51] G06V 30/16 [11] 40086088  
G06V 30/24 CN116092094 A  
[13] A

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[51] G06V 30/224 [11] 40086084  
G06V 30/244 CN116152829 A  
[13] A

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[51] G06V 30/24 [11] 40086088  
G06V 30/148 CN116092094 A  
G06V 30/16 [13] A

[25] ZH

[21] 42023075228.9 [22] 30.06.2023

[54] IMAGE TEXT RECOGNITION METHOD, APPARATUS, COMPUTER READABLE  
MEDIUM, AND ELECTRONIC DEVICE

圖像文本識別方法、裝置、計算機可讀介質及電子設備

[71] Tencent Technology (Shenzhen) Company Limited

騰訊科技(深圳)有限公司

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[51] G06V 30/244 [11] 40086084  
G06V 30/224 CN116152829 A  
G06V 30/16 [13] A

[25] ZH

[21] 42023075139.8 [22] 30.06.2023

[54] METHOD, APPARATUS, AND COMPUTER READABLE MEDIUM FOR IMAGE AND  
TEXT RECOGNITION BASED ON VERIFICATION SCENARIOS

基於驗證場景的圖文識別方法、裝置及計算機可讀介質

[71] Tencent Technology (Shenzhen) Company Limited

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| [51] | G07F 17/32 | [11] | 40086058      |
|      | G06Q 50/34 |      | CN115936957 A |
|      |            | [13] | A             |

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| [51] | G07F 17/32  | [11] | 40086065      |
|      | G06V 10/764 |      | CN116030581 A |
|      | G06V 10/98  |      |               |
|      | G06V 20/00  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42023075101.8 [22] 28.09.2020

[30] 15.11.2017 JP, 2017-219634

[62] 28.09.2020 62020016928.7

[54] RECOGNITION SYSTEM

識別系統

[71] ANGEL GROUP CO., LTD.

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[72] Yasushi SHIGETA 重田泰

[74] KING & WOOD MALLESONS IP LIMITED

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18 Harcourt Road, Admiralty

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G07F 17/32 | [11] | 40086164      |
|      | A63F 1/06  |      | CN115624738 A |
|      |            | [13] | A             |

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[51] G09B 5/04 [11] 40086231  
CN116057602 A  
[13] A

[25] EN  
[21] 62023074663.3 [22] 19.06.2023

[86] 08.06.2021 PCT/US2021/036309  
[87] 16.12.2021 WO2021/252431  
[30] 09.06.2020 US,16/946,174

[54] METHOD AND APPARATUS FOR CONSTRUCTING AND/OR USING SALIENTLY  
PATTERNED SPATIOTEMPORAL INPUTS THAT SUPPORT THE DEVELOPMENT  
AND MAINTENANCE OF NEURAL CIRCUITRY CRITICAL TO EFFICIENT  
LANGUAGE PROCESSING  
用於構建和/或使用顯著模式化的時空輸入的方法和裝置，該時空輸入支持對高效語  
言處理至關重要的神經回路的發育和維持

[71] RAPT VENTURES, INC.  
兰普特投资公司  
c/o Balestra Capital, Ltd.,1345 Avenue of the Americas, 33rd  
Floor New York, NY 10105  
UNITED STATES OF AMERICA

[72] April A. BENASICH 埃普丽尔·A·贝那斯赤  
Julia M. WHITEHEAD 茱莉亚·M·怀特海德

[74] LUNG TIN PATENT TRADEMARK AGENT LIMITED  
FLAT 11 10/F KOWLOON PLAZA  
485 CASTLE PEAK ROAD CHEUNG SHA WAN  
HONG KONG

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[51] G09F 9/00 [11] 40086129  
C08L 29/04 CN116265524 A  
[13] A

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[51] G09F 9/30 [11] 40086129  
C08L 29/04 CN116265524 A  
[13] A

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[51] G10K 11/178 [11] 40086106  
H04R 1/10 CN116156371 A  
[13] A

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[51] G10K 13/00 [11] 40086056  
G04B 21/00 CN115542706 A  
[13] A

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[51] G10L 19/008 [11] 40086142  
G10L 19/16 CN116206617 A  
[13] A

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[51] G10L 19/008 [11] 40086144  
G10L 19/24 CN116259326 A  
[13] A

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[51] G10L 19/16 [11] 40086142  
G10L 19/008 CN116206617 A  
H04S 3/00 [13] A

[25] ZH

[21] 42023075498.8 [22] 06.07.2023

[30] 08.10.2015 EP,15306589.1  
15.10.2015 EP,15306653.5  
12.07.2016 US,62/361,416  
12.07.2016 US,62/361,461

[54] LAYERED CODING FOR COMPRESSED SOUND OR SOUND FIELD  
REPRESENTATIONS  
用於壓縮聲音或聲場表示的分層編解碼

[71] DOLBY INTERNATIONAL AB  
杜比国际公司  
C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35, 1101 CN,  
AMSTERDAM ZUID-OOST  
NETHERLANDS

[72] KORDON, SVEN S·科顿  
KRUEGER, ALEXANDER A·克鲁格

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] G10L 19/24 [11] 40086144  
G10L 19/008 CN116259326 A  
[13] A

[25] ZH

[21] 42023075517.5 [22] 06.07.2023

[30] 08.10.2015 EP,15306589.1  
15.10.2015 EP,15306653.5  
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12.07.2016 US,62/361,461

[54] LAYERED CODING FOR COMPRESSED SOUND OR SOUND FIELD REPRESENTATIONS

用於壓縮聲音或聲場表示的分層編解碼

[71] DOLBY INTERNATIONAL AB

杜比国际公司

C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35, 1101 CN,  
AMSTERDAM ZUID-OOST  
NETHERLANDS

[72] KORDON, SVEN S·科頓

KRUEGER, ALEXANDER A·克鲁格

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED

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1 Harbour Road, Wanchai  
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[51] G10L 21/038

[11] 40086036

EP4102503 A1

[13] A

[25] EN

[21] 42023074361.9

[22] 12.06.2023

[30] 31.01.2008 US,25129 P

26.03.2008 DE,102008015702

[54] DEVICE AND METHOD FOR A BANDWIDTH EXTENSION OF AN AUDIO SIGNAL

用於音頻信號帶寬擴展的設備和方法

[71] Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

Hansastraße 27c

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GERMANY

[72] NAGEL, Frederik

DISCH, Sascha

NEUENDORF, Max

[74] MARKS & CLERK

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[51] G10L 21/038

[11] 40086102

G10L 25/27

CN116110424 A

[13] A

[25] ZH

[21] 42023075242.0

[22] 30.06.2023

[54] SPEECH BANDWIDTH EXPANSION METHOD AND RELATED APPARATUS

一種語音帶寬擴展方法及相關裝置

- [71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District, Shenzhen, Guangdong, 518057  
CHINA  
中國  
518057 广东省深圳市南山区高新区科技中一路  
騰訊大廈 35 层
- [72] GAO, Yi 高毅
- [74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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- |      |             |      |               |
|------|-------------|------|---------------|
| [51] | G10L 25/27  | [11] | 40086102      |
|      | G10L 21/038 |      | CN116110424 A |
|      |             | [13] | A             |
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| [51] | G11B 20/10 | [11] | 40086098      |
|      | G06Q 20/38 |      | CN116151821 A |
|      |            | [13] | A             |
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| [51] | G16B 20/00 | [11] | 40086340      |
|      |            |      | CN115836349 A |
|      |            | [13] | A             |
- [25] EN
- [21] 62023075375.3 [22] 03.07.2023
- [86] 25.11.2020 PCT/US2020/062350
- [87] 03.06.2021 WO2021/108654
- [30] 27.11.2019 US, 62/941,012
- [54] SYSTEMS AND METHODS FOR EVALUATING LONGITUDINAL BIOLOGICAL  
FEATURE DATA  
用於評估縱向生物特徵數據的系統和方法
- [71] GRAIL, LLC  
格里尔公司  
1525 O'Brien Drive, Menlo Park, CA 94025  
UNITED STATES OF AMERICA  
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加利福尼亚州门洛帕克市
- [72] MAHER, M., Cyrus M·赛勒斯·马厄  
ARAVANIS, Alex 亚历克斯·阿尔法尼斯  
LAI, Angela 安吉拉·赖

VENN, Oliver, Claude 奧利弗·克勞德·維恩

RAVA, Richard 理查德·拉瓦

XIANG, Jing 晶·項

MARCUS, Joseph 約瑟夫·馬庫斯

[74] 中港知識產權有限公司

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[51] G16B 20/20 [11] 40086265  
G16B 40/20 EP4186062 A1  
[13] A

[25] EN

[21] 62023074841.5 [22] 23.06.2023

[86] 21.07.2021 PCT/US2021/042605

[87] 27.01.2022 WO2022/020492

[30] 23.07.2020 US, 63/055, 731

[54] VARIANT PATHOGENICITY SCORING AND CLASSIFICATION AND USES  
THEREOF  
變體致病性評分和分類及其用途

[71] Illumina, Inc.  
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[72] GAO, Hong  
FARH, Kai-How  
MCRAE, Jeremy, Francis

[74] MARKS & CLERK  
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[51] G16B 20/20 [11] 40086267  
G16B 40/20 EP4186061 A1  
[13] A

[25] EN

[21] 62023074843.1 [22] 23.06.2023

[86] 21.07.2021 PCT/US2021/042599

[87] 27.01.2022 WO2022/020487

[30] 23.07.2020 US, 63/055, 724

[54] VARIANT PATHOGENICITY SCORING AND CLASSIFICATION AND USES  
THEREOF  
變體致病性評分和分類及其用途

[71] Illumina, Inc.  
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- [72] GAO, Hong  
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MCRAE, Jeremy Francis
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- |      |            |      |               |
|------|------------|------|---------------|
| [51] | G16B 25/20 | [11] | 40086055      |
|      | C12N 15/11 |      | CN116083423 A |
|      |            | [13] | A             |
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| [51] | G16B 40/20 | [11] | 40086265     |
|      | G16B 20/20 |      | EP4186062 A1 |
|      |            | [13] | A            |
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| [51] | G16B 40/20 | [11] | 40086267     |
|      | G16B 20/20 |      | EP4186061 A1 |
|      |            | [13] | A            |
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|------|------------|------|--------------|
| [51] | G16H 10/40 | [11] | 40086230     |
|      | G16H 40/20 |      | EP4172994 A2 |
|      | G16H 50/80 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023074662.5 [22] 19.06.2023

[86] 25.06.2021 PCT/US2021/039268

[87] 30.12.2021 WO2021/263215

[30] 26.06.2020 US,63/044,815

[54] GLOBAL BIO-SURVEILLANCE AND RESPONSE SYSTEM  
全球生物監測和反應系統

[71] Meso Scale Technologies, LLC.  
1601 Research Boulevard  
Rockville, MD 20850  
UNITED STATES OF AMERICA

[72] WOHLSTADTER, Jacob, N.  
VOCK, Michael  
CLINTON, Charles, M.  
SIGAL, George

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|------|--------------------------------------------------------------------------------------|------|--------------------------|
| [51] | G16H 20/60<br>G16H 50/20<br>G16H 50/70                                               | [11] | 40086261<br>EP4136654 A1 |
|      |                                                                                      | [13] | A                        |
| [25] | EN                                                                                   |      |                          |
| [21] | 62023074837.3                                                                        | [22] | 23.06.2023               |
| [86] | 16.04.2021 PCT/EP2021/059992                                                         |      |                          |
| [87] | 21.10.2021 WO2021/209630                                                             |      |                          |
| [30] | 17.04.2020 EP,20170160.4                                                             |      |                          |
| [54] | IMPROVED METHOD FOR DETERMINING BLOOD GLUCOSE RESPONSES<br>用於確定血糖反應的改進方法             |      |                          |
| [71] | Perfood GmbH<br>Am Spargelhof 2<br>23554 Lübeck<br>GERMANY                           |      |                          |
| [72] | TWESTEN, Christoph<br>SCHRÖDER, Torsten<br>LEITOW, Fynn Marlin                       |      |                          |
| [74] | MARKS & CLERK<br>Level 9, Cyberport 1<br>100 Cyberport Road, Pok Fu Lam<br>HONG KONG |      |                          |

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| [51] | G16H 40/20<br>G16H 10/40 | [11] | 40086230<br>EP4172994 A2 |
|      |                          | [13] | A                        |

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|------|--------------------------|------|--------------------------|
| [51] | G16H 50/20<br>G16H 20/60 | [11] | 40086261<br>EP4136654 A1 |
|      |                          | [13] | A                        |

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| [51] | G16H 50/70<br>G16H 20/60 | [11] | 40086261<br>EP4136654 A1 |
|      |                          | [13] | A                        |

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|------|--------------------------|------|--------------------------|
| [51] | G16H 50/80<br>G16H 10/40 | [11] | 40086230<br>EP4172994 A2 |
|      |                          | [13] | A                        |

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[51] H01F 29/00 [11] 40086361  
H02M 7/00 EP4118668 A1  
H02M 1/00  
[13] A

[25] EN

[21] 62023075403.3 [22] 04.07.2023

[86] 08.07.2020 PCT/AU2020/050712

[87] 16.09.2021 WO2021/179032

[30] 11.03.2020 AU,2020900738

[54] ELECTRIC POWER CONVERTER FOR A PHOTOVOLTAIC ENERGY SOURCE  
用於光伏能源的電力轉換器

[71] Third Equation Ltd  
5 New Street Square  
London EC4A 3TW  
UNITED KINGDOM

[72] BOUALLAGA, Kamel  
POCIASK, Patryk Wladyslaw  
GAN, Leong Kit  
XU, Xiao  
SCOBIE, Andrew John

[74] DCC HONG KONG LIMITED  
Suite 52, 48/F, Langham Place Office Tower  
8 Argyle Street, Mong Kok  
HONG KONG

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[51] H01G 11/32 [11] 40086126  
H01G 11/68 CN115579248 A  
[13] A

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[51] H01G 11/68 [11] 40086126  
H01G 11/32 CN115579248 A  
H01G 11/78  
[13] A

[25] ZH

[21] 42023075414.5 [22] 20.03.2019

[30] 20.05.2016 US,62/339,173

[62] 20.03.2019 19121226.5

[54] ULTRACAPACITOR FOR USE AT HIGH TEMPERATURES  
在高溫下使用的超級電容器

[71] KYOCERA AVX Components Corporation  
京瓷 AVX 元器件公司  
One AVX Boulevard, Fountain Inn, South Carolina 29644  
UNITED STATES OF AMERICA

[72] KNOPSNYDER, Jonathan Robert J·R·克諾普斯奈德  
HANSEN, Shawn S·漢森  
RITTER, Andrew A·里特

[74] LIU, SHEN & ASSOCIATES  
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|------|------------|------|---------------|
| [51] | H01G 11/78 | [11] | 40086126      |
|      | H01G 11/68 |      | CN115579248 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01G 4/005 | [11] | 40086127      |
|      | H01G 4/008 |      | CN115579241 A |
|      | H01G 4/06  |      |               |
|      | H01G 4/14  |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42023075415.2 [22] 17.09.2019

[30] 15.11.2016 US,62/422,087

[62] 17.09.2019 19129719.1

[54] SOLID ELECTROLYTIC CAPACITOR FOR USE IN A HUMID ATMOSPHERE  
在濕氣氛中使用的固體電解質電容器

[71] KYOCERA AVX Components Corporation  
京瓷 AVX 元器件公司  
One AVX Boulevard, Fountain Inn, South Carolina 29644  
UNITED STATES OF AMERICA

[72] VILC, Ladislav L·維爾克  
VILCOVA, Silvie S·維爾科瓦  
HORACEK, Ivan I·霍拉斯克

[74] LIU, SHEN & ASSOCIATES  
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| [51] | H01G 4/008 | [11] | 40086127      |
|      | H01G 4/005 |      | CN115579241 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01G 4/06  | [11] | 40086127      |
|      | H01G 4/005 |      | CN115579241 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | H01G 4/14  | [11] | 40086127      |
|      | H01G 4/005 |      | CN115579241 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | H01J 61/12 | [11] | 40086323      |
|      |            |      | CN116097396 A |
|      |            | [13] | A             |

[25] EN

[21] 62023075008.0 [22] 28.06.2023

[86] 26.07.2021 PCT/RU2021/050241

[87] 10.02.2022 WO2022/031190

[30] 06.08.2020 RU,2020126279

[54] LASER-PUMPED PLASMA LIGHT SOURCE AND METHOD FOR LIGHT  
GENERATION

激光泵浦等離子體光源以及產生光的方法

[71] ISTEQ B.V.

ISTEQ 私人有限公司

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ISTEQ GROUP HOLDING B.V.

ISTEQ 集团控股有限公司

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[72] LASH, Aleksandr Andreevich 亚历山大·安德烈耶维奇·拉什

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KIRYUKHIN, Yurii Borisovich 尤里·鲍里索维奇·基柳欣

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[74] BORSAM INTELLECTUAL PROPERTY LIMITED

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01J 65/04 | [11] | 40086324      |
|      |            |      | CN116235277 A |
|      |            | [13] | A             |

[25] EN

[21] 62023075009.8 [22] 28.06.2023

[86] 04.08.2021 PCT/EP2021/071788

[87] 10.02.2022 WO2022/029187

- [30] 06.08.2020 RU,2020126302  
06.08.2020 US,16/986,424  
19.02.2021 US,17/180,063
- [54] HIGH-BRIGHTNESS LASER-PUMPED PLASMA LIGHT SOURCE AND METHOD  
FOR REDUCING ABERRATIONS  
高亮度激光泵浦等離子體光源和用於降低像差的方法
- [71] ISTEQ B.V.  
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NETHERLANDS
- ISTEQ GROUP HOLDING B.V.  
ISTEQ 集团控股有限公司  
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- [72] GAYASOV, Robert Rafilevich 罗伯特·拉菲列维奇·加亚索夫  
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KIRYUKHIN, Yurii Borisovich 尤里·鲍里索维奇·基柳欣  
KRIVTSUN, Vladimir Mikhailovich 弗拉基米尔·米哈伊洛维奇·克里夫松  
LASH, Aleksandr Andreevich 亚历山大·安德烈耶维奇·拉什  
ABRAMENKO, Dmitry Borisovich 德米特里·鲍里索维奇·阿布拉门科
- [74] BORSAM INTELLECTUAL PROPERTY LIMITED  
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- [51] H01L 27/146 [11] 40086272  
G01N 21/64 EP4111178 A1  
[13] A
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- [51] H01L 27/148 [11] 40086272  
G01N 21/64 EP4111178 A1  
[13] A
- 

- [51] H01L 31/18 [11] 40086355  
CN115769386 A  
[13] A

- [25] DE  
[21] 62023075395.1 [22] 04.07.2023  
[86] 01.04.2021 PCT/DE2021/000070  
[87] 21.10.2021 WO2021/209082  
[30] 17.04.2020 DE,102020002335.5

- [54] METHOD FOR IMPROVING THE OHMIC CONTACT BEHAVIOR BETWEEN A CONTACT GRID AND AN EMITTER LAYER OF A SILICON SOLAR CELL  
改善硅太陽能電池的接觸格與發射極層之間的歐姆接觸特性的方法
- [71] FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG EINGETRAGENER VEREIN  
弗劳恩霍夫应用研究促进协会  
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CE 面板工程有限公司  
Orionstraße 1, 06184 Kabelsketal  
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- [72] ZHAO, Hongming 赵宏明  
STÖCKEL, Stefan S·施特克尔  
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TUREK, Marko M·图雷克  
HAGENDORF, Christian C·哈根多尔夫  
GROSSER, Stephan S·格罗塞尔
- [74] LI Wing Hong  
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- [51] H01L 51/44 [11] 40086264  
EP4197039 A1  
[13] A
- [25] EN
- [21] 62023074840.7 [22] 23.06.2023
- [86] 06.08.2021 PCT/IB2021/057247
- [87] 17.02.2022 WO2022/034451
- [30] 12.08.2020 IT,102020000020062
- [54] INVERTED POLYMER PHOTOVOLTAIC CELL AND METHOD FOR PREPARATION THEREOF  
倒置聚合物光伏電池及其製備方法
- [71] ENI S.P.A.  
Piazzale Enrico Mattei, 1  
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ITALY
- [72] PO, Riccardo  
CORSO, Gianni  
BARBIERI, Riccardo
- [74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
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|------|------------|------|--------------|
| [51] | H01R 13/40 | [11] | 40086341     |
|      | G02B 6/42  |      | EP4124207 A1 |
|      |            | [13] | A            |

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| [51] | H02G 1/14 | [11] | 40086341     |
|      | G02B 6/42 |      | EP4124207 A1 |
|      |           | [13] | A            |

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| [51] | H02H 1/00   | [11] | 40086059      |
|      | H04L 43/106 |      | CN116346682 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | H02H 3/04   | [11] | 40086059      |
|      | H04L 43/106 |      | CN116346682 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | H02J 7/00   | [11] | 40086115     |
|      | A61M 60/178 |      | EP4112115 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | H02K 1/27  | [11] | 40086202     |
|      | H02K 16/04 |      | EP4150748 A1 |
|      |            | [13] | A            |

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| [51] | H02K 16/04 | [11] | 40086202     |
|      | H02K 21/14 |      | EP4150748 A1 |
|      | H02K 19/24 |      |              |
|      | H02K 19/20 |      |              |
|      | H02K 21/16 |      |              |
|      | H02K 21/12 |      |              |
|      | H02K 1/27  |      |              |
|      |            | [13] | A            |

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[25] EN

[21] 62023071038.1 [22] 04.04.2023

[86] 07.05.2021 PCT/IB2021/053898

[87] 18.11.2021 WO2021/229391

[30] 13.05.2020 ZA, 2020/02703

[54] AN ELECTRIC GENERATOR HAVING PLURAL STATORS  
具有多個定子的發電機

[71] The Trustees For The Time-Being Of The KMN Fulfilment Trust  
8 Kestrel Street  
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Rynfield  
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[72] MAKGERU, Kabu, Walter

[74] MARKS & CLERK  
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|      |            |      |              |
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| [51] | H02K 19/20 | [11] | 40086202     |
|      | H02K 16/04 |      | EP4150748 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | H02K 19/24 | [11] | 40086202     |
|      | H02K 16/04 |      | EP4150748 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | H02K 21/12 | [11] | 40086202     |
|      | H02K 16/04 |      | EP4150748 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | H02K 21/14 | [11] | 40086202     |
|      | H02K 16/04 |      | EP4150748 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | H02K 21/16 | [11] | 40086202     |
|      | H02K 16/04 |      | EP4150748 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | H02M 1/00  | [11] | 40086361     |
|      | H01F 29/00 |      | EP4118668 A1 |
|      |            | [13] | A            |

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[51] H02M 7/00 [11] 40086361  
H01F 29/00 EP4118668 A1  
[13] A

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[51] H04B 10/077 [11] 40086341  
G02B 6/42 EP4124207 A1  
[13] A

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[51] H04L 1/00 [11] 40086239  
EP4184824 A1  
[13] A

[25] ZH

[21] 62023074768.0 [22] 21.06.2023

[86] 13.07.2021 PCT/CN2021/106006

[87] 20.01.2022 WO2022/012530

[30] 14.07.2020 CN, 202010674247.7

[54] CODE BLOCK PROCESSING METHOD, NODE, AND MEDIUM  
碼塊處理方法、節點及介質

[71] China Mobile Communication Co., Ltd. Research  
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中国移动通信有限公司研究院

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宣武门西大街 32 号

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金融大街 29 号

[72] CHENG, Weiqiang 程伟强

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[74] 中國專利代理(香港)有限公司

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港灣道 23 號鷹君中心 22 字樓

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[51] H04L 12/66 [11] 40086093  
H04L 45/00 CN116132349 A  
[13] A

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[51] H04L 29/02 [11] 40086369  
EP4128680 A1  
[13] A

[25] EN

[21] 62023075413.2 [22] 04.07.2023

[86] 18.02.2021 PCT/CN2021/076704

[87] 07.10.2021 WO2021/196906

[30] 02.04.2020 US,16/838,965

[54] DEVICE, METHOD, AND SYSTEM THAT VIRTUALIZE A NETWORK  
虛擬化網絡的設備、方法和系統

[71] Primewan Limited  
Room 1901, 19F, Lee Garden One  
33 Husain Avenue, Causeway Bay, Hong Kong 999077  
HONG KONG

[72] LI, Ming  
JIA, Yuan Yang

[74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG

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[51] H04L 29/06 [11] 40086298  
H04W 28/02 EP4193657 A1  
[13] A

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[51] H04L 29/08 [11] 40086237  
EP4107933 A1  
[13] A

[25] EN

[21] 62023074764.9 [22] 20.06.2023

[86] 05.02.2021 PCT/US2021/016696

[87] 26.08.2021 WO2021/167800

[30] 20.02.2020 US,202016795690  
09.06.2020 US,202016946177  
07.10.2020 US,202016948948

[54] SYSTEM AND METHOD FOR CONTROLLING ACCESS TO RESOURCES IN A  
MULTICOMPUTER NETWORK  
控制多計算機網絡中資源的訪問的系統和方法

[71] Gelfond, Robert  
45 East 25th Street, 39B  
New York, NY 10010  
UNITED STATES OF AMERICA

[72] GELFOND, Robert  
NOWOTARSKI, Mark S.

[74] GLOBAL ZEN IP SERVICES LIMITED  
Room 1707, 17th Floor Beverly House  
93-107 Lockhart Road, Wanchai  
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[51] H04L 41/06 [11] 40086180  
H04L 67/30 CN116032718 A  
[13] A

[25] ZH

[21] 42023075763.5 [22] 11.07.2023

[54] AN INTERLOCKING SECURITY HOST MAINTENANCE INFORMATION SENDING  
METHOD

一種聯鎖安全主機維護信息發送方法

[71] CASCO SIGNAL CO., LTD.  
卡斯柯信号有限公司  
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上海市静安区江场路 1401 弄 21 号  
1101 室 200072

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PEI Biao 裴标  
XU Man 徐曼  
GAO Jiajia 高佳佳  
CHEN Wei 陈卫  
WANG Lingqun 王玲群  
DAI Yue 戴悦

[74] 專利及設計有限公司  
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百利商業中心 2 樓 259 室

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[51] H04L 43/106 [11] 40086059  
H04W 24/04 CN116346682 A  
H04W 24/08  
G01R 31/08  
G01R 22/06  
H02H 1/00  
H02H 3/04

[13] A

[25] ZH

[21] 42023075091.1 [22] 29.06.2023

[30] 30.05.2019 US, 62/854, 553  
31.03.2020 US, 16/836, 200

[54] A METHOD, NODE AND SYSTEM FOR DETECTING NODE OUTAGES  
一種用於檢測節點中斷的方法、節點和系統

[71] Landis+Gyr Innovations, Inc.  
蘭迪斯+蓋爾創新有限公司  
30000 Mill Creek Avenue, Suite 100  
Alpharetta, Georgia 30022  
UNITED STATES OF AMERICA

[72] R·E·S·卡多佐  
J·R·特納

[74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

[51] H04L 45/00 [11] 40086093  
H04L 12/66 CN116132349 A  
H04L 67/10

[13] A

[25] ZH

[21] 42023075233.9 [22] 30.06.2023

[54] METHOD, APPARATUS, DEVICE, AND SYSTEM FOR ROUTING API GATEWAY  
API 網關的路由方法、裝置、設備及系統

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District, Shenzhen, Guangdong, 518057  
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518057 广东省深圳市南山区高新区科技中一路  
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[72] WU, YIZHAN 吳宜展  
ZHANG, ZHEN 張楨

[74] 集佳知識產權有限公司  
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金雞廣場 12 層 1201 室

[51] H04L 47/11 [11] 40086160  
H04L 47/27 CN116155811 A  
[13] A

[25] ZH

[21] 42023075554.8 [22] 06.07.2023

[54] NETWORK CONGESTION DATA PROCESSING METHOD, DEVICE, SYSTEM AND  
COMPUTER EQUIPMENT  
網絡擁塞數據處理方法、裝置、系統和計算機設備

- [71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
中國  
廣東省深圳市南山區高新區科技中一路  
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- [72] YE, Junhong 叶君宏  
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- 

- [51] H04L 47/125 [11] 40086151  
H04L 47/2425 CN116170379 A  
H04L 47/25  
[13] A
- [25] ZH
- [21] 42023075539.9 [22] 06.07.2023
- [54] TRANSMISSION CONTROL METHOD, DEVICE, EQUIPMENT AND COMPUTER-  
READABLE STORAGE MEDIUM  
一種傳輸控制方法、裝置、設備及計算機可讀存儲介質
- [71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
中國  
廣東省深圳市南山區高新區科技中一路  
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- [51] H04L 47/2425 [11] 40086151  
H04L 47/125 CN116170379 A  
[13] A
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- [51] H04L 47/25 [11] 40086151  
H04L 47/125 CN116170379 A  
[13] A
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[51] H04L 47/27 [11] 40086160  
H04L 47/11 CN116155811 A  
[13] A

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[51] H04L 5/00 [11] 40086119  
H04W 40/22 CN115603882 A  
H04W 72/04  
H04W 76/14  
[13] A

[25] ZH

[21] 42023075370.9 [22] 03.07.2023

[30] 09.07.2021 US, 63/220,329

[54] METHOD AND APPARATUS FOR RADIO BEARER CONFIGURATION TO  
SUPPORT UE-TO-NETWORK RELAYING

用於支持 UE 到網絡中繼的無線電承載配置的方法和設備

[71] ASUSTeK COMPUTER INC.

華碩電腦股份有限公司

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[74] 中港專利有限公司

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[51] H04L 5/00 [11] 40086168  
CN116015582 A  
[13] A

[25] ZH

[21] 42023075582.9 [22] 07.07.2023

[30] 16.06.2015 US, 62/180,599

15.06.2016 US, 15/183,702

[54] LONG-TERM EVOLUTION COMPATIBLE VERY NARROW BAND DESIGN

兼容長期演進的甚窄帶設計

[71] QUALCOMM Incorporated

高通股份有限公司

5775 Morehouse Drive, San Diego

California 92121-1714

UNITED STATES OF AMERICA

[72] WEI, Yongbin 魏永斌

MALLADI, Durga Prasad D·P·马拉蒂

XU, Hao 徐浩

[74] NTD PATENT & TRADE MARK AGENCY LIMITED

Units 1805-6, 18/F, Greenfield Tower, Concordia Plaza

No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
HONG KONG

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- [51] H04L 5/00 [11] 40086322  
EP4123942 A1  
[13] A
- [25] ZH  
[21] 62023075007.2 [22] 28.06.2023
- [86] 17.03.2021 PCT/CN2021/081281  
[87] 23.09.2021 WO2021/185276  
[30] 20.03.2020 CN, 202010202889.7
- [54] METHODS FOR SENDING, CONFIGURING AND MEASURING SRS, AND  
POSITIONING METHOD AND DEVICE  
SRS 的發送、配置及測量方法、定位方法及設備
- [71] Vivo Mobile Communication Co., Ltd.  
维沃移动通信有限公司  
No.1, Vivo Road  
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Dongguan, Guangdong 523863  
CHINA  
中國  
广东省东莞市长安镇维沃路 1 号, 邮编 523863
- [72] WANG, Yuanyuan 王园园  
WU, Huaming 邬华明  
SI, Ye 司晔  
ZHUANG, Zixun 庄子荀
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
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HONG KONG
- 
- [51] H04L 51/52 [11] 40086085  
H04M 1/7243 CN116137617 A  
G06F 16/683  
[13] A
- [25] ZH  
[21] 42023075140.6 [22] 30.06.2023
- [54] EMOTICON DISPLAY, ASSOCIATED SOUND ACQUISITION METHOD,  
APPARATUS, DEVICE AND STORAGE MEDIUM  
表情包顯示、關聯聲音獲取方法、裝置、設備及存儲介質
- [71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
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| [51] | H04L 67/10 | [11] | 40086093      |
|      | H04L 45/00 |      | CN116132349 A |
|      |            | [13] | A             |

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|------|------------------------------------------------------------------------------------|------|---------------|
| [51] | H04L 67/104                                                                        | [11] | 40086063      |
|      | H04L 67/60                                                                         |      | CN116137627 A |
|      |                                                                                    | [13] | A             |
| [25] | ZH                                                                                 |      |               |
| [21] | 42023075097.8                                                                      | [22] | 29.06.2023    |
| [54] | A DATA PROCESSING METHOD BASED ON BLOCKCHAIN NETWORK, DEVICE AND RELATED EQUIPMENT |      |               |
|      | 一種基於區塊鏈網絡的數據處理方法、裝置及相關設備                                                           |      |               |
| [71] | TAI FUNG SECURITIES LIMITED                                                        |      |               |
|      | 大豐證券有限公司                                                                           |      |               |
|      | 香港                                                                                 |      |               |
|      | 九龍塘達之路 72 號                                                                        |      |               |
|      | 創新中心 3 樓 301                                                                       |      |               |
| [72] | ZHU, Gengliang 朱耿良                                                                 |      |               |
| [74] | 香港派特恩知识产权代理有限公司                                                                    |      |               |
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|      | 上環永樂街 121-125 號                                                                    |      |               |
|      | 永達商業大廈 10 樓 C 室                                                                    |      |               |

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| [51] | H04L 67/104                   | [11] | 40086128     |
|      | H04L 67/51                    |      | EP4113955 A1 |
|      | H04L 69/28                    |      |              |
|      | H04L 67/55                    |      |              |
|      |                               | [13] | A            |
| [25] | EN                            |      |              |
| [21] | 42023075419.4                 | [22] | 04.07.2023   |
| [30] | 13.06.2017 US, 201762518992 P |      |              |

[54] SERVICE EXCHANGE SYSTEM  
服務交換機系統

[71] Equinix, Inc.  
One Lagoon Drive, Redwood City, CA 94065  
UNITED STATES OF AMERICA

[72] MADDEN, Stephen, Anthony

[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
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HONG KONG

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[51] H04L 67/1095 [11] 40086064  
H04L 9/32 CN116055051 A  
[13] A

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[51] H04L 67/1095 [11] 40086171  
H04L 9/32 CN116112508 A  
H04L 9/40  
[13] A

[25] ZH

[21] 42023075714.8 [22] 10.07.2023

[54] DATA PROCESSING METHOD BASED ON BLOCKCHAIN NETWORK, RELATED  
EQUIPMENT AND STORAGE MEDIUM  
基於區塊鏈網絡的數據處理方法、相關設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
腾讯科技(深圳)有限公司  
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广东省深圳市南山区高新区科技中一路  
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[72] ZHU, Gengliang 朱耿良

[74] 香港派特恩知识产权代理有限公司  
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永達商業大廈 10 樓 C 室

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[51] H04L 67/1097 [11] 40086064  
H04L 9/32 CN116055051 A  
[13] A

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[51] H04L 67/30 [11] 40086180  
H04L 41/06 CN116032718 A  
[13] A

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|------|-------------|------|--------------|
| [51] | H04L 67/51  | [11] | 40086128     |
|      | H04L 67/104 |      | EP4113955 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | H04L 67/55  | [11] | 40086128     |
|      | H04L 67/104 |      | EP4113955 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04L 67/60  | [11] | 40086063      |
|      | H04L 67/104 |      | CN116137627 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04L 69/28  | [11] | 40086128     |
|      | H04L 67/104 |      | EP4113955 A1 |
|      |             | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 9/00 | [11] | 40086161      |
|      | H04L 9/30 |      | CN116112171 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 9/06 | [11] | 40086161      |
|      | H04L 9/30 |      | CN116112171 A |
|      |           | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H04L 9/08 | [11] | 40086397     |
|      | H04L 9/32 |      | EP4136800 A1 |
|      |           | [13] | A            |

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[25] EN

[21] 62023074600.5 [22] 16.06.2023

[86] 17.05.2021 PCT/EP2021/062941

[87] 23.12.2021 WO2021/254702

[30] 15.06.2020 GB,202009062

[54] GENERATING SECRET SHARES  
生成秘密份額

[71] NCHAIN LICENSING AG  
GRAFENAUWEG 6, 6300 ZUG  
SWITZERLAND

[72] PETTIT, MICHAELLA

[74] GLOBAL IP AGENT COMPANY LIMITED  
9/F., GOODWILL INDUSTRIAL BUILDING  
36-44 PAK TIN PAR STREET, TSUEN WAN  
HONG KONG

[51] H04L 9/30 [11] 40086161  
H04L 9/06 CN116112171 A  
H04L 9/00  
H04L 9/40  
G06N 20/00

[13] A

[25] ZH

[21] 42023075556.3 [22] 06.07.2023

[54] BUSINESS DATA PROCESSING METHOD, DEVICE, COMPUTER EQUIPMENT  
AND STORAGE MEDIUM

業務數據處理方法、裝置、計算機設備和存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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LIU, Yuhong 刘煜宏

CHEN, Peng 陈鹏

TAO, Yangyu 陶阳宇

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[51] H04L 9/32 [11] 40086064  
H04L 9/40 CN116055051 A  
H04L 67/1097  
H04L 67/1095

[13] A

[25] ZH

[21] 42023075100.0 [22] 29.06.2023

[54] A DATA PROCESSING METHOD BASED ON BLOCKCHAIN NETWORK AND  
RELATED EQUIPMENT

一種基於區塊鏈網絡的數據處理方法及相關設備

[71] TAI FUNG SECURITIES LIMITED

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[72] CHEN, Zimin 陈自民

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[51] H04L 9/32

H04L 9/40

G06F 21/62

G06F 21/64

[11] 40086067

CN116192394 A

[13] A

[25] ZH

[21] 42023075105.9

[22] 29.06.2023

[54] BLOCK CONSENSUS METHOD, DEVICE, COMPUTER, READABLE STORAGE  
MEDIUM AND PROGRAM PRODUCT

區塊鏈共識方法、裝置、計算機、可讀存儲介質及程序產品

[71] TAI FUNG SECURITIES LIMITED

大豐證券有限公司

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[72] LIU, Pan 刘攀

[74] 香港派特恩知识产权代理有限公司

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[51] H04L 9/32

H04L 67/1095

[11] 40086171

CN116112508 A

[13] A

[51] H04L 9/32

[11] 40086172

CN116055052 A

[13] A

[25] ZH

[21] 42023075715.5

[22] 10.07.2023

[54] DATA PROCESSING METHOD BASED ON BLOCKCHAIN, DEVICE, EQUIPMENT  
AND READABLE STORAGE MEDIUM

基於區塊鏈的數據處理方法、裝置、設備及可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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腾讯大厦 35 层

[72] ZHU, Gengliang 朱耿良

[74] 香港派特恩知识产权代理有限公司

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上環永樂街 121-125 號

永達商業大廈 10 樓 C 室

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| [51] | H04L 9/32 | [11] | 40086397     |
|      | H04L 9/08 |      | EP4136800 A1 |
|      |           | [13] | A            |

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| [51] | H04L 9/40  | [11] | 40086045     |
|      | G06Q 20/36 |      | EP4184410 A1 |
|      |            | [13] | A            |

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| [51] | H04L 9/40 | [11] | 40086064      |
|      | H04L 9/32 |      | CN116055051 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | H04L 9/40 | [11] | 40086067      |
|      | H04L 9/32 |      | CN116192394 A |
|      |           | [13] | A             |

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| [51] | H04L 9/40 | [11] | 40086161      |
|      | H04L 9/30 |      | CN116112171 A |
|      |           | [13] | A             |

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| [51] | H04L 9/40    | [11] | 40086171      |
|      | H04L 67/1095 |      | CN116112508 A |
|      |              | [13] | A             |

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| [51] | H04L 9/40  | [11] | 40086191      |
|      | G06F 21/60 |      | CN115023920 A |
|      | G06F 21/62 |      |               |
|      | G06Q 40/04 |      |               |
|      |            | [13] | A             |

[25] ZH  
[21] 62022061908.9 [22] 10.10.2022  
[86] 05.11.2021 PCT/CN2021/129059  
[87] 11.05.2023 WO2023/077445  
[54] METHOD AND APPARATUS FOR DATA PROCESSING IN EQUITY INCENTIVE  
SYSTEM  
股權激勵系統中的數據處理的方法和裝置  
[71] FUTU NETWORK TECHNOLOGY (SHENZHEN) CO., LTD.  
富途網絡科技(深圳)有限公司  
中國  
廣東省深圳市南山區科苑路 15 號  
科興科學園 D1 棟 28 樓, 518000  
[72] HAN, Zhiwei 韓志偉  
[74] 港智國際知識產權代理有限公司  
香港  
上環德輔道中 272-284 號  
興業商業中心 5 樓 505 室

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[51] H04M 1/02 [11] 40086060  
H05K 9/00 CN115941823 A  
[13] A  
[25] ZH  
[21] 42023075093.7 [22] 29.06.2023  
[54] ANTI-INTERFERENCE MODULE AND TERMINAL DEVICE  
一種抗干擾模組及終端設備  
[71] HONOR DEVICE CO., LTD.  
榮耀終端有限公司  
中國  
廣東省深圳市福田區香蜜湖街道東海社區紅荔西路 8089 號  
深業中城 6 號樓 A 單元 3401, 518040  
[72] 王星  
張立新  
[74] 錦業永騰有限公司  
19H MAXGRAND PLAZA  
3 TAI YAU STREET, SAN PO KONG, KOWLOON  
HONG KONG

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[51] H04M 1/7243 [11] 40086085  
H04L 51/52 CN116137617 A  
[13] A

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[51] H04N 19/00 [11] 40086201  
G06T 5/00

EP4139884 A1  
[13] A

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[51] H04N 19/103 [11] 40086157  
H04N 19/172 CN116170582 A  
H04N 19/187  
H04N 19/30  
[13] A

[25] ZH  
[21] 42023075551.4 [22] 06.07.2023

[54] VIDEO DATA PROCESSING METHOD, DEVICE, COMPUTER EQUIPMENT AND  
STORAGE MEDIUM  
一種視頻數據處理方法、裝置、計算機設備以及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
中國  
廣東省深圳市南山區高新區科技中一路  
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[72] ZHANG, Jia 張佳

[74] 香港派特恩知識產權代理有限公司  
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上環永樂街 121-125 號  
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[51] H04N 19/114 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 19/13 [11] 40086080  
H04N 19/176 CN116095329 A  
[13] A

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[51] H04N 19/149 [11] 40086081  
H04N 19/423 CN116156197 A  
[13] A

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[51] H04N 19/167 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 19/172 [11] 40086157  
H04N 19/103 CN116170582 A  
[13] A

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[51] H04N 19/176 [11] 40086080  
H04N 19/13 CN116095329 A  
H04N 19/61  
H04N 19/70  
[13] A

[25] ZH

[21] 42023075134.9 [22] 30.06.2023

[54] VIDEO ENCODING AND DECODING METHODS, APPARATUSES, COMPUTER  
READABLE MEDIUM, AND ELECTRONIC DEVICE  
視頻編解碼方法、裝置、計算機可讀介質及電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F,Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District,Shenzhen,Guangdong,518057  
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518057 广东省深圳市南山区高新区科技中一路  
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[72] HU,Ye 胡晔  
WANG,Liqiang 王力强

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金雞廣場 12 層 1201 室

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[51] H04N 19/177 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 19/187 [11] 40086157  
H04N 19/103 CN116170582 A  
[13] A

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[51] H04N 19/30 [11] 40086157  
H04N 19/103 CN116170582 A  
[13] A

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[51] H04N 19/33 [11] 40086201  
G06T 5/00 EP4139884 A1  
[13] A

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[51] H04N 19/423 [11] 40086081  
H04N 19/52 CN116156197 A  
H04N 19/149  
H04N 19/96  
[13] A

[25] ZH

[21] 42023075135.6 [22] 30.06.2023

[30] 13.07.2018 US, 62/697 , 999  
28.12.2018 US, 16/236 , 209

[54] METHOD AND APPARATUS FOR VIDEO DECONDING AND ENCODING,  
COMPUTER DEVICE AND STORAGE MEDIUM  
視頻解碼、編碼方法和裝置、計算機設備及存儲介質

[71] TENCENT AMERICA LLC  
騰訊美國有限責任公司  
2747 Park Boulevard, Palo Alto, California 94306  
UNITED STATES OF AMERICA  
美國  
加利福尼亞州帕洛阿爾托公園大道 2747 号 94306

[72] LI, Guichun 李貴春  
XU, Xiaozhong 許曉中  
LI, Xiang 李翔  
LIU, Shan 劉杉

[74] 集佳知識產權有限公司  
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[51] H04N 19/44 [11] 40086079  
H04N 21/234 CN116137664 A  
[13] A

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[51] H04N 19/46 [11] 40086379  
H04N 19/597 EP4136846 A1  
[13] A

[25] EN

[21] 62023075429.8 [22] 04.07.2023

[86] 14.04.2021 PCT/US2021/027206

[87] 21.10.2021 WO2021/211665

- [30] 14.04.2020 US,202063009931 P  
23.06.2020 US,202063042892 P  
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05.10.2020 US,202063087425 P
- [54] PARTIAL ACCESS SUPPORT IN ISOBMFF CONTAINERS FOR VIDEO-BASED  
POINT CLOUD STREAMS  
ISOBMFF 容器中對基於視頻的點云流的部分訪問支持
- [71] Interdigital Patent Holdings, Inc.  
200 Bellevue Parkway, Suite 300  
Wilmington, DE 19809  
UNITED STATES OF AMERICA
- [72] HAMZA, Ahmed
- [74] AWA ASIA LIMITED  
Suite 1411, 14/F Leighton Centre  
77 Leighton Road, Causeway Bay  
HONG KONG
- 

- [51] H04N 19/52 [11] 40086081  
H04N 19/423 CN116156197 A  
[13] A
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H04N 21/234 CN116137664 A  
[13] A
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- [51] H04N 19/597 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A
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- [51] H04N 19/597 [11] 40086379  
H04N 19/46 EP4136846 A1  
[13] A
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- [51] H04N 19/61 [11] 40086080  
H04N 19/176 CN116095329 A  
[13] A
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- [51] H04N 19/70 [11] 40086080  
H04N 19/176 CN116095329 A  
[13] A
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[51] H04N 19/70 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 19/96 [11] 40086081  
H04N 19/423 CN116156197 A  
[13] A

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[51] H04N 21/218 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 21/232 [11] 40086030  
H04N 21/235 CN115883885 A  
[13] A

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[51] H04N 21/232 [11] 40086158  
H04N 21/234 CN116095359 A  
H04N 21/2343  
H04N 21/432  
H04N 21/44  
H04N 21/4402  
G06F 18/22  
[13] A

[25] ZH

[21] 42023075552.2 [22] 06.07.2023

[30] 02.11.2021 CN, 202111288823.5

[54] DATA PROCESSING METHOD, APPARATUS, DEVICE AND READABLE  
STORAGE MEDIUM

一種數據處理方法、裝置、設備以及可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[72] LI, Zhicheng 李志成

[74] 香港派特恩知识产权代理有限公司

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[51] H04N 21/234 [11] 40086079  
H04N 21/44 CN116137664 A  
H04N 19/44  
H04N 19/597  
[13] A

[25] ZH

[21] 42023075132.3 [22] 30.06.2023

[54] METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM FOR  
ENCAPSULATING POINT CLOUD MEDIA FILE  
點云媒體文件封裝方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District, Shenzhen, Guangdong, 518057  
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中國  
518057 广东省深圳市南山区高新区科技中一路  
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[72] HU, Ying 胡穎

[74] 集佳知識產權有限公司  
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金雞廣場 12 層 1201 室

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[51] H04N 21/234 [11] 40086158  
H04N 21/232 CN116095359 A  
[13] A

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[51] H04N 21/2343 [11] 40086030  
H04N 21/235 CN115883885 A  
[13] A

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[51] H04N 21/2343 [11] 40086158  
H04N 21/232 CN116095359 A  
[13] A

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[51] H04N 21/2343 [11] 40086226  
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[51] H04N 21/235 [11] 40086030  
H04N 21/232 CN115883885 A  
H04N 21/2343  
H04N 21/258  
H04N 21/435  
H04N 21/4788  
H04N 21/81  
G06F 16/738  
H04N 5/76  
[13] A

[25] ZH

[21] 42023074346.0 [22] 15.11.2018

[30] 31.03.2017 US,15/475,284

[62] 15.11.2018 18114603.0

[54] METHODS AND SYSTEMS FOR EXCHANGE OF VIDEO CONTENT  
用於交換視頻內容的方法和系統

[71] TVU NETWORKS CORPORATION  
通维数码公司  
20370 TOWN CENTER LANE, SUITE 100, CUPERTINO, CA 95014  
UNITED STATES OF AMERICA

[72] SHEN, Paul 保罗·沈  
MCEWEN, Matthew Richard 马修·理查德·麦克尤恩  
YAO, Shiwen 姚世文

[74] LI Wing Hong  
Room 2302, 23/F, Lee Garden Two  
28 Yun Ping Road, Causeway Bay  
HONG KONG

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[51] H04N 21/2387 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 21/258 [11] 40086030  
H04N 21/235 CN115883885 A  
[13] A

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[51] H04N 21/2662 [11] 40086226  
H04N 21/81 EP4189968 A1  
[13] A

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[51] H04N 21/432 [11] 40086158  
H04N 21/232 CN116095359 A

[13] A

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| [51] | H04N 21/435 | [11] | 40086030      |
|      | H04N 21/235 |      | CN115883885 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | H04N 21/44  | [11] | 40086079      |
|      | H04N 21/234 |      | CN116137664 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/44  | [11] | 40086158      |
|      | H04N 21/232 |      | CN116095359 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | H04N 21/44 | [11] | 40086226     |
|      | H04N 21/81 |      | EP4189968 A1 |
|      |            | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04N 21/4402 | [11] | 40086158      |
|      | H04N 21/232  |      | CN116095359 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | H04N 21/4788 | [11] | 40086030      |
|      | H04N 21/235  |      | CN115883885 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/81  | [11] | 40086030      |
|      | H04N 21/235 |      | CN115883885 A |
|      |             | [13] | A             |

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|------|--------------|------|--------------|
| [51] | H04N 21/81   | [11] | 40086226     |
|      | H04N 21/218  |      | EP4189968 A1 |
|      | H04N 21/2662 |      |              |
|      | H04N 21/2343 |      |              |
|      | H04N 21/845  |      |              |
|      | H04N 21/44   |      |              |
|      | H04N 21/2387 |      |              |
|      | H04N 19/177  |      |              |

H04N 19/114

H04N 19/167

H04N 19/597

H04N 19/70

[13] A

[25] EN

[21] 62023074656.7 [22] 19.06.2023

[86] 03.08.2021 PCT/US2021/044379

[87] 10.02.2022 WO2022/031727

[30] 03.08.2020 EP,20189126.4

03.08.2020 US,63/060,269

[54] DUAL STREAM DYNAMIC GOP ACCESS BASED ON VIEWPORT CHANGE

基於視口變化的雙流動態 GOP 訪問

[71] DOLBY LABORATORIES LICENSING CORPORATION

1275 MARKET STREET, SAN FRANCISCO, CA 94103

UNITED STATES OF AMERICA

[72] ATLURU, CHAITANYA

NINAN, AJIT

[74] CLT PATENT &amp; TRADEMARK (H.K.) LIMITED

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1 Harbour Road, Wanchai

HONG KONG

[51] H04N 21/845

H04N 21/81

[11] 40086226

EP4189968 A1

[13] A

[51] H04N 21/854

H04N 5/91

[11] 40086200

CN115699723 A

[13] A

[51] H04N 23/57

H04N 23/695

[11] 40086087

CN116055884 A

[13] A

[51] H04N 23/61

H04N 23/695

[11] 40086087

CN116055884 A

[13] A

[51] H04N 23/63

H04N 23/695

[11] 40086087

CN116055884 A

[13] A

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | H04N 23/695<br>H04N 23/63<br>H04N 23/61<br>H04N 23/57                                                                                                                                                                                                           | [11] | 40086087<br>CN116055884 A |
|      |                                                                                                                                                                                                                                                                 | [13] | A                         |
| [25] | ZH                                                                                                                                                                                                                                                              |      |                           |
| [21] | 42023075227.1                                                                                                                                                                                                                                                   | [22] | 30.06.2023                |
| [54] | CAMERA POSE ADJUSTMENT METHOD, APPARATUS, ELECTRONIC DEVICE,<br>AND STORAGE MEDIUM<br>攝像裝置位姿調整方法、裝置、電子設備及存儲介質                                                                                                                                                   |      |                           |
| [71] | Beijing Sogou Technology Development Co., Ltd.<br>北京搜狗科技发展有限公司<br>Room 01, Level 9, Sohu.com Internet Plaza, No.9 Building<br>No.1 Park, Zhongguancun East Road, Haidian District, Beijing<br>100084<br>CHINA<br>中國<br>100084 北京市海淀区中关村东路1号院<br>9号楼搜狐网络大厦9层01房间 |      |                           |
| [72] | XIE, ZHIGUO 谢志国<br>LUO, JING 罗京<br>LI, KAI 李楷                                                                                                                                                                                                                   |      |                           |
| [74] | 集佳知識產權有限公司<br>香港<br>九龍旺角洗衣街39-55號<br>金雞廣場12層1201室                                                                                                                                                                                                               |      |                           |
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|------|-------------------------|------|---------------------------|
| [51] | H04N 5/265<br>H04N 5/91 | [11] | 40086200<br>CN115699723 A |
|      |                         | [13] | A                         |
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|------|--------------------------|------|---------------------------|
| [51] | H04N 5/76<br>H04N 21/235 | [11] | 40086030<br>CN115883885 A |
|      |                          | [13] | A                         |
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|------|-------------------------|------|---------------------------|
| [51] | H04N 5/765<br>H04N 5/91 | [11] | 40086200<br>CN115699723 A |
|      |                         | [13] | A                         |
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- [51] H04N 5/91 [11] 40086200  
H04N 5/265 CN115699723 A  
H04N 5/765  
H04N 5/92  
H04N 21/854  
[13] A
- [25] JA
- [21] 62023071030.8 [22] 04.04.2023
- [86] 03.02.2022 PCT/JP2022/004267
- [87] 25.08.2022 WO2022/176633
- [30] 19.02.2021 JP,2021-025637
- [54] VIDEO EDITING DEVICE, VIDEO EDITING METHOD, AND COMPUTER PROGRAM  
影像編輯裝置、影像編輯方法以及計算機程序
- [71] GENEVIS INC.  
株式会社吉纳维斯  
1-4-1, HATCHOBORI, CHUO-KU, TOKYO 1040032  
JAPAN
- [72] TADOKORO TAKASHI 田所贵司
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG
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- [51] H04N 5/92 [11] 40086200  
H04N 5/91 CN115699723 A  
[13] A
- 
- [51] H04R 1/00 [11] 40086280  
H04R 1/28 EP4158906 A2  
[13] A
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- [51] H04R 1/10 [11] 40086106  
H04R 3/04 CN116156371 A  
G10K 11/178  
[13] A
- [25] ZH
- [21] 42023075250.3 [22] 30.06.2023
- [30] 19.11.2021 CN,202111399590.6
- [54] OPEN ACOUSTIC DEVICE  
一種開放式聲學裝置
- [71] SHENZHEN SHOKZ CO., LTD.  
Floors 1-4, Factory Building 26, Shancheng Industrial Park

Shiyan Street, Bao'an District, Shenzhen, Guangdong, 518108  
CHINA

[72] ZHANG, Chengqian  
ZHENG, Jinbo  
XIAO, Le  
LIAO, Fengyun  
QI, Xin

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] H04R 1/28 [11] 40086280  
H04R 1/00 EP4158906 A2  
H04R 9/02  
H04R 31/00

[13] A

[25] EN

[21] 62023074862.1 [22] 23.06.2023

[86] 26.05.2021 PCT/US2021/034376

[87] 02.12.2021 WO2021/242939

[30] 26.05.2020 US, 63/029,857

[54] VARIED CURVATURE DIAPHRAGM BALANCED MODE RADIATOR  
變曲率膜片平衡模態輻射器

[71] Tectonic Audio Labs, Inc.  
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[51] H04R 25/00 [11] 40086140  
CN116347312 A  
[13] A

[25] ZH

[21] 42023075485.5 [22] 05.07.2023

[30] 24.12.2021 CN, PCT/CN2021/141078

[54] IMPEDANCE DEVICE AND SYSTEM FOR SIMULATING EFFECT OF HEAD ON  
VIBRATION OF VIBRATION UNIT  
一種阻抗裝置及模擬頭部對振動單元振動影響的系統

[71] Shenzhen Shokz Co., Ltd  
深圳市韶音科技有限公司  
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| [51] | H04R 3/04 | [11] | 40086106      |
|      | H04R 1/10 |      | CN116156371 A |
|      |           | [13] | A             |

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|      | H04R 1/28  |      | EP4158906 A2 |
|      |            | [13] | A            |

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| [51] | H04R 9/02 | [11] | 40086280     |
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|      | G10L 19/16 |      | CN116206617 A |
|      |            | [13] | A             |

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| [51] | H04S 7/00 | [11] | 40086371      |
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[25] JA

[21] 62023075417.3 [22] 04.07.2023

[86] 24.09.2021 PCT/JP2021/034952

[87] 14.04.2022 WO2022/075080

[30] 06.10.2020 JP, 2020-168944

[54] INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM  
信息處理裝置、方法和程序

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HONG KONG

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| [51] | H04W 24/04  | [11] | 40086059      |
|      | H04L 43/106 |      | CN116346682 A |
|      |             | [13] | A             |

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| [51] | H04W 24/08  | [11] | 40086059      |
|      | H04L 43/106 |      | CN116346682 A |
|      |             | [13] | A             |

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| [51] | H04W 28/02 | [11] | 40086298     |
|      | H04W 76/27 |      | EP4193657 A1 |
|      | H04L 29/06 |      |              |
|      | H04W 76/25 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62023074960.3 [22] 27.06.2023

[86] 05.08.2021 PCT/US2021/044591

[87] 10.02.2022 WO2022/031880

[30] 07.08.2020 US,16/988,212

[54] LOCAL AND GLOBAL QUALITY OF SERVICE SHAPER ON INGRESS IN A  
DISTRIBUTED SYSTEM  
分布式系統入口的本地和全局服務質量整形器

[71] Hyannis Port Research, Inc.  
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| [51] | H04W 4/00  | [11] | 40086045 |
|      | G06Q 20/36 |      |          |

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[13] A

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[51] H04W 4/70 [11] 40086045  
G06Q 20/36 EP4184410 A1  
[13] A

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[51] H04W 40/22 [11] 40086119  
H04L 5/00 CN115603882 A  
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[51] H04W 72/04 [11] 40086119  
H04L 5/00 CN115603882 A  
[13] A

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[13] A

[25] EN

[21] 62023074889.4 [22] 26.06.2023

[86] 06.05.2021 PCT/EP2021/061989

[87] 18.11.2021 WO2021/228676

[30] 12.05.2020 US,63/023,326

[54] SELECTION MECHANISM AND USE OF MULTIPLE UL TRANSMISSION  
SCHEMES  
多個 UL 傳輸方案的選擇機制和用途

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[72] KOSKINEN, Jussi-Pekka  
TURTINEN, Samuli Heikki

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[51] H04W 74/00 [11] 40086082  
H04W 74/02 CN116074972 A  
[13] A

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[51] H04W 74/02 [11] 40086082  
H04W 74/00 CN116074972 A  
[13] A

[25] ZH

[21] 42023075137.2 [22] 30.06.2023

[54] COMMUNICATION METHOD, APPARATUS, COMPUTER-READABLE MEDIUM AND  
ELECTRONIC DEVICE  
通信方法、裝置、計算機可讀介質及電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
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[51] H04W 74/08 [11] 40086295  
H04W 72/04 EP4151009 A1  
[13] A

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[51] H04W 76/14 [11] 40086119  
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[13] A

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[51] H04W 76/25 [11] 40086298  
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[13] A

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[13] A

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[51] H05G 2/00 [11] 40086326

CN116195369 A

[13] A

[25] EN

[21] 62023075012.2 [22] 28.06.2023

[86] 26.08.2021 PCT/RU2021/050277

[87] 10.03.2022 WO2022/050875

[30] 04.09.2020 RU,2020129329

19.11.2020 US,16/952,587

[54] SHORT-WAVELENGTH RADIATION SOURCE WITH MULTISECTIONAL  
COLLECTOR MODULE

具有多段式集光器模塊的短波長輻射源

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ISTEQ GROUP HOLDING B.V.

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ELLWI, Samir 萨米尔·埃尔维

KOSHELEV, Konstantin Nikolaevich 康斯坦丁·尼古拉耶维奇·科谢列夫

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托夫

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LASH, Aleksandr Andreevich 亚历山大·安德烈耶维奇·拉什

MEDVEDEV, Vyacheslav Valerievich 维亚切斯拉夫·瓦列里耶维奇·梅德韦

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[51] H05K 9/00

H04M 1/02

[11] 40086060

CN115941823 A

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2. 按發表編號排列

Arranged by Publication Number

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| [11]<br>發表編號    | 指定專利當局<br>發表編號                                 | [51]<br>國際專利分類                                                                                                                                           |
|-----------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Publication No. | Designated Patent<br>Office<br>Publication No. | International<br>Patent<br>Classification                                                                                                                |
| 40086027        | EP4134131                                      | A61P 7/02, A61P 9/12, A61K 31/277, A61K 31/5377                                                                                                          |
| 40086028        | GB2612607                                      | A61M 16/20                                                                                                                                               |
| 40086029        | CN115960204                                    | C07K 14/725, C12N 15/12, C07K 19/00, C12N 5/10, A61K 39/00, A61P 35/00, A61P 35/02, G01N 33/573, G01N 33/574                                             |
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| 40086031        | GB2607817                                      | A61M 16/08, A61M 16/10, A61M 16/16                                                                                                                       |
| 40086032        | CN115573085                                    | D04B 1/10, D04B 1/24                                                                                                                                     |
| 40086033        | EP4159222                                      | A61K 35/15, C12N 5/0784, C12N 5/0786                                                                                                                     |
| 40086034        | CN115568660                                    | A43B 1/04, A43B 1/028, A43B 23/02, D04B 1/22                                                                                                             |
| 40086035        | CN115553970                                    | A61F 2/00, A61F 2/24                                                                                                                                     |
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| 40086037        | CN116172869                                    | A61J 3/00, A61J 3/10, A61K 9/20, A61K 9/28, A61K 47/38, A61K 47/36, A61K 47/26, A61K 47/32, A61K 47/02, A61K 31/517, A61P 35/00, A61P 43/00, C07D 239/70 |
| 40086038        | CN115594765                                    | C07K 16/28, C12N 15/13, A61K 39/395, A61P 35/00, A61P 31/00                                                                                              |

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| 40086040 | CN115596115 | E04B 2/56, E04B 2/86                                                                                                                        |
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| 40086044 | EP4184404   | G06Q 20/02, G06Q 20/06                                                                                                                      |
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| 40086046 | CN115933347 | G04B 17/06, G04B 17/32                                                                                                                      |
| 40086047 | CN116205734 | G06Q 40/04, G06Q 30/08, G06Q 10/087, G06Q 10/10                                                                                             |
| 40086048 | CN115572725 | C12N 15/113, A61K 31/713, A61K 47/54, A61P 3/06, A61P 3/10, A61P 9/00, A61P 9/10, A61P 13/12                                                |
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| 40086058 | CN115936957 | G06Q 50/34, G07F 17/32, A63F 1/06                                                                                                           |
| 40086059 | CN116346682 | H04L 43/106, H04W 24/04, H04W 24/08, G01R 31/08, G01R 22/06, H02H 1/00, H02H 3/04                                                           |
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| 40086062 | CN116126480 | G06F 9/46, G06F 9/54                                                                                                                                                                                                                                             |
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| 40086065 | CN116030581 | G07F 17/32, G06V 10/764, G06V 10/98, G06V 20/00                                                                                                                                                                                                                  |
| 40086066 | CN116166741 | G06F 16/27, G06F 16/22, G06F 16/28, G06F 16/242, G06F 16/2455                                                                                                                                                                                                    |
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| 40086070 | CN116120314 | C07D 471/04, A61K 8/49, A61Q 7/00, A61K 31/437, A61P 17/14                                                                                                                                                                                                       |
| 40086071 | EP4112565   | C02F 1/76, C02F 103/32                                                                                                                                                                                                                                           |
| 40086072 | EP4112064   | A61K 35/741, A61K 31/733, A61K 31/702, A61K 31/198, A61K 36/185, A61K 36/15, A61K 36/42, A61K 31/122, A61K 31/593, A61K 35/747, A61K 35/744, A61K 31/7048, A61K 31/366, A61K 31/202, A61K 38/40, A61K 31/455, A61K 31/197, A61K 31/4415, A61K 36/81, A61K 31/375 |
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| 40086074 | CN116150471 | G06F 16/9535, G06N 3/044, G06N 3/045, G06N 3/047, G06N 3/084, G06N 3/0464                                                                                                                                                                                        |
| 40086075 | CN116051186 | G06Q 30/0242                                                                                                                                                                                                                                                     |
| 40086076 | CN116051585 | G06T 7/13, G06T 7/181, G06V 10/44                                                                                                                                                                                                                                |
| 40086077 | CN116125507 | G01S 19/41, G01S 19/42                                                                                                                                                                                                                                           |
| 40086078 | CN116036591 | A63F 13/54, A63F 13/25, A63F 13/77                                                                                                                                                                                                                               |
| 40086079 | CN116137664 | H04N 21/234, H04N 21/44, H04N 19/44, H04N 19/597                                                                                                                                                                                                                 |
| 40086080 | CN116095329 | H04N 19/176, H04N 19/13, H04N 19/61, H04N 19/70                                                                                                                                                                                                                  |
| 40086081 | CN116156197 | H04N 19/423, H04N 19/52, H04N 19/149, H04N 19/96                                                                                                                                                                                                                 |
| 40086082 | CN116074972 | H04W 74/02, H04W 74/00                                                                                                                                                                                                                                           |

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| 40086083 | CN116091133 | G06Q 30/0251                                                                                           |
| 40086084 | CN116152829 | G06V 30/244, G06V 30/224,<br>G06V 30/16                                                                |
| 40086085 | CN116137617 | H04L 51/52, H04M 1/7243,<br>G06F 16/683                                                                |
| 40086086 | CN116150469 | G06F 16/9535, G06F 16/9538,<br>G06F 18/22, G06N 3/04, G06N<br>3/08                                     |
| 40086087 | CN116055884 | H04N 23/695, H04N 23/63,<br>H04N 23/61, H04N 23/57                                                     |
| 40086088 | CN116092094 | G06V 30/24, G06V 30/148,<br>G06V 30/16                                                                 |
| 40086089 | CN116150691 | G06F 18/2433, G06F 18/23,<br>G06F 16/901, G06F 16/903,<br>G06Q 20/40                                   |
| 40086090 | CN116091755 | G06V 10/22, G06V 10/44,<br>G06V 10/764, G06V 10/82,<br>G06V 10/80, G06N 3/0464,<br>G06N 3/047          |
| 40086091 | CN116126209 | G06F 3/06                                                                                              |
| 40086092 | CN116188080 | G06Q 30/0251, G06Q 30/0241,<br>G06F 16/9535, G06N 20/00                                                |
| 40086093 | CN116132349 | H04L 45/00, H04L 12/66,<br>H04L 67/10                                                                  |
| 40086094 | CN116107670 | G06F 9/451, G06Q 10/101                                                                                |
| 40086095 | CN116049909 | G06F 21/72, G06N 20/20                                                                                 |
| 40086096 | CN116167341 | G06F 40/151, G06F 8/41                                                                                 |
| 40086097 | CN116089651 | G06F 16/75, G06F 16/783,<br>G06N 3/045, G06N 3/08                                                      |
| 40086098 | CN116151821 | G06Q 20/38, G11B 20/10                                                                                 |
| 40086099 | CN116136996 | G06Q 20/40, G06Q 20/10,<br>G06F 3/0481, G06F 3/04842                                                   |
| 40086100 | CN116188013 | G06Q 20/40                                                                                             |
| 40086101 | CN116166794 | G06F 16/35, G06F 16/33,<br>G06F 40/30, G06N 3/0475,<br>G06N 3/047, G06N 3/0455,<br>G06N 3/08           |
| 40086102 | CN116110424 | G10L 21/038, G10L 25/27                                                                                |
| 40086103 | CN116150470 | G06F 16/9535, G06N 3/0499,<br>G06N 3/08                                                                |
| 40086104 | CN116109531 | G06T 5/50, G06T 3/40, G06V<br>20/70, G06V 10/764, G06V<br>10/82, G06N 3/0464, G06N<br>3/047, G06N 3/08 |
| 40086105 | CN116166893 | G06F 16/9537, G06F 16/9538                                                                             |
| 40086106 | CN116156371 | H04R 1/10, H04R 3/04, G10K<br>11/178                                                                   |

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|----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 40086107 | CN115637531 | D04H 1/4209, D04H 1/587,<br>D04H 1/4218, D04H 1/64,<br>C09J 161/10, C09J 11/08,<br>C09J 11/06, F16L 59/14                                                                                                                                                                                                 |
| 40086108 | EP4112611   | C07D 307/33, C07F 7/08,<br>C07C 237/30, C07C 237/12,<br>C07C 237/06, C07C 233/83,<br>C07C 233/63, C07C 233/49,<br>C07C 233/40, C07D 257/04,<br>C07C 229/28, C07C 229/12,<br>C07C 229/18, C07C 229/20,<br>A61K 38/00, C07C 311/06,<br>A61K 45/06, C07C 311/13,<br>A61K 31/198, A61K 31/223,<br>A61K 31/275 |
| 40086109 | CN115541773 | G01N 30/02, G01N 30/06,<br>G01N 30/12, G01N 30/14,<br>G01N 30/34, G01N 30/74                                                                                                                                                                                                                              |
| 40086110 | CN116150464 | G06F 16/9535, G06F 16/906,<br>G06F 18/22                                                                                                                                                                                                                                                                  |
| 40086111 | CN116109370 | G06Q 30/0601, G06F 17/16                                                                                                                                                                                                                                                                                  |
| 40086112 | CN115576181 | G04B 19/14, G04B 19/12                                                                                                                                                                                                                                                                                    |
| 40086113 | EP4112615   | C07D 403/12, A61K 31/497,<br>A61P 35/00, A61P 25/00,<br>A61P 31/00                                                                                                                                                                                                                                        |
| 40086114 | CN115569593 | B01F 35/71, A23L 19/20,<br>B01F 35/75, B01F 101/06                                                                                                                                                                                                                                                        |
| 40086115 | EP4112115   | A61M 60/178, A61M 60/20,<br>A61M 60/216, A61M 60/538,<br>A61M 60/585, A61M 60/873,<br>A61M 60/876, H02J 7/00                                                                                                                                                                                              |
| 40086116 | CN115557907 | C07D 249/12, C07D 401/12,<br>C07D 405/12, C07D 403/12,<br>C07D 413/12, A61P 29/00,<br>A61P 35/00, A61P 35/02,<br>A61K 31/4196, A61K 31/4439,<br>A61K 31/4709, A61K 31/454,<br>A61K 31/506, A61K 31/422                                                                                                    |
| 40086117 | EP4119066   | A61B 17/12, A61B 90/00                                                                                                                                                                                                                                                                                    |
| 40086118 | CN115568813 | A61B 1/31, A61B 34/00, A61B<br>46/10, A61B 46/20, A61B<br>46/00, A61B 8/12, A61F 5/37                                                                                                                                                                                                                     |
| 40086119 | CN115603882 | H04L 5/00, H04W 40/22, H04W<br>72/04, H04W 76/14                                                                                                                                                                                                                                                          |
| 40086120 | EP4112616   | C07D 417/04, C07D 417/14,<br>C07D 277/42, C07D 277/28,<br>C07D 417/12, A61P 25/28,<br>A61P 35/00, A61P 37/00,<br>A61K 31/427                                                                                                                                                                              |
| 40086121 | CN115553659 | A47L 11/24, A47L 11/40                                                                                                                                                                                                                                                                                    |

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| 40086122 | EP4112623   | C07D 497/14, A61K 31/519,<br>A61P 35/00                                                                                      |
| 40086123 | CN115569580 | B01F 33/453, B01F 21/10,<br>C12M 1/02, B01F 101/44                                                                           |
| 40086124 | CN116255548 | F16M 13/02, F16M 11/04,<br>F16M 11/08, F16M 11/10,<br>F16M 11/16, F16M 11/18                                                 |
| 40086125 | CN115690721 | G06V 20/58, B61L 23/04                                                                                                       |
| 40086126 | CN115579248 | H01G 11/68, H01G 11/32,<br>H01G 11/78                                                                                        |
| 40086127 | CN115579241 | H01G 4/005, H01G 4/008,<br>H01G 4/06, H01G 4/14                                                                              |
| 40086128 | EP4113955   | H04L 67/104, H04L 67/51,<br>H04L 69/28, H04L 67/55                                                                           |
| 40086129 | CN116265524 | C08L 29/04, G09F 9/30, G09F<br>9/00, C08L 79/02, C08L<br>79/00, C08L 39/06, C09D<br>5/14, C09D 133/04                        |
| 40086130 | GB2608573   | A61F 5/455, A61F 6/08                                                                                                        |
| 40086131 | CN116088092 | G02B 6/122, G02B 6/132,<br>G02F 1/365                                                                                        |
| 40086132 | CN115652474 | D01F 8/10, D01F 11/06, D01F<br>6/28                                                                                          |
| 40086133 | EP4119581   | C07K 16/30                                                                                                                   |
| 40086134 | CN116268385 | A23L 33/10, A23L 33/115,<br>A23L 33/105, A23L 21/20,<br>A23L 11/00, A61K 35/644,<br>A61K 36/8988, A61P 25/28,<br>A61K 31/685 |
| 40086135 | EP4134123   | A61M 60/13, A61M 60/139,<br>A61M 60/216, A61M 60/422,<br>A61M 60/508, A61M 60/804                                            |
| 40086136 | CN115896027 | C12N 5/09, C12N 5/0781,<br>C12N 15/70, C12Q 1/6886,<br>C12Q 1/6869, C12R 1/91                                                |
| 40086137 | CN115907592 | G06Q 10/0832, G06Q 30/0601,<br>G06F 3/04817, G06F 3/0482,<br>G06F 3/04842                                                    |
| 40086138 | CN115965317 | G06Q 10/0835                                                                                                                 |
| 40086139 | CN116245612 | G06Q 30/0601                                                                                                                 |
| 40086140 | CN116347312 | H04R 25/00                                                                                                                   |
| 40086141 | CN116135546 | B42D 25/00, B32B 3/30, B32B<br>33/00                                                                                         |
| 40086142 | CN116206617 | G10L 19/16, G10L 19/008,<br>H04S 3/00                                                                                        |
| 40086143 | EP4116427   | C12N 15/85, A01K 67/027,<br>C07K 16/00, C07K 16/46                                                                           |
| 40086144 | CN116259326 | G10L 19/24, G10L 19/008                                                                                                      |

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| 40086145 | CN115925008 | C02F 1/00, C02F 1/68                                                                      |
| 40086146 | CN115890962 | B29B 9/06                                                                                 |
| 40086147 | CN115869209 | A61K 8/67, A61K 8/44, A61Q 19/00, A61Q 19/02                                              |
| 40086148 | CN116036604 | A63F 13/577, G06F 16/901                                                                  |
| 40086149 | CN116143683 | C07D 209/88, A61K 31/403, A61P 35/00                                                      |
| 40086150 | CN116036603 | A63F 13/577, A63F 13/56                                                                   |
| 40086151 | CN116170379 | H04L 47/125, H04L 47/2425, H04L 47/25                                                     |
| 40086152 | CN116048817 | G06F 9/50, G06F 9/48, G06F 16/27, G06F 16/242                                             |
| 40086153 | CN116300133 | G02B 30/29, G02B 27/00                                                                    |
| 40086154 | CN115818751 | C02F 1/04, F22B 27/00, F25B 30/00                                                         |
| 40086155 | CN115886073 | A23C 9/13                                                                                 |
| 40086156 | CN116124949 | G01N 30/02, G01N 30/72                                                                    |
| 40086157 | CN116170582 | H04N 19/103, H04N 19/172, H04N 19/187, H04N 19/30                                         |
| 40086158 | CN116095359 | H04N 21/232, H04N 21/234, H04N 21/2343, H04N 21/432, H04N 21/44, H04N 21/4402, G06F 18/22 |
| 40086159 | CN116185754 | G06F 11/30, G06F 11/32                                                                    |
| 40086160 | CN116155811 | H04L 47/11, H04L 47/27                                                                    |
| 40086161 | CN116112171 | H04L 9/30, H04L 9/06, H04L 9/00, H04L 9/40, G06N 20/00                                    |
| 40086162 | CN116150431 | G06F 16/901, G06F 16/903, G06F 16/9035                                                    |
| 40086163 | CN115584988 | E21D 9/11                                                                                 |
| 40086164 | CN115624738 | A63F 1/06, A63F 1/14, A63F 1/18, A63F 3/00, A63F 5/02, A63F 11/00, G07F 17/32             |
| 40086165 | CN115591219 | A63F 13/213, A63F 13/46, A63F 13/822, G06V 20/62                                          |
| 40086166 | CN115581691 | A61K 31/19, A61K 31/616, A61K 31/4365, A61K 31/519, A61P 9/10, A61P 9/14, A61P 7/02       |
| 40086167 | CN115788106 | E04G 23/06, E02D 5/34                                                                     |
| 40086168 | CN116015582 | H04L 5/00                                                                                 |
| 40086169 | EP4131047   | G06F 21/62, G06F 21/60                                                                    |
| 40086170 | EP4134430   | C12N 5/0783, C12N 5/10, A61K 35/17, C07K 16/28, C12N 15/13                                |

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| 40086171 | CN116112508 | H04L 67/1095, H04L 9/32,<br>H04L 9/40                                                                                                                                                                                    |
| 40086172 | CN116055052 | H04L 9/32                                                                                                                                                                                                                |
| 40086173 | EP4116475   | D03D 47/30, D03D 47/27,<br>D03D 47/28, B61B 13/00,<br>B61C 11/06, B61D 17/02,<br>F03G 7/00                                                                                                                               |
| 40086174 | CN116284394 | C07K 16/28, C12N 15/13,<br>C12P 21/02, A61K 39/395,<br>A61P 35/00                                                                                                                                                        |
| 40086175 | CN116114658 | A01K 67/027                                                                                                                                                                                                              |
| 40086176 | CN116376825 | C12N 5/0783, C12N 5/0784,<br>C12N 5/0786, A61K 35/17,<br>A61P 35/00, A61K 39/245,<br>A61K 45/06, A61P 31/22                                                                                                              |
| 40086177 | EP4122470   | A61K 31/7036, A61K 9/127,<br>A61P 31/04, A61K 31/407,<br>A61K 31/4375, A61K 31/4409,<br>A61K 31/496, A61K 31/5383,<br>A61K 31/546, A61K 31/65,<br>A61K 31/7048, A61K 31/7052,<br>A61K 9/00, A61K 31/133,<br>A61K 31/4709 |
| 40086178 | CN115976105 | C12N 15/864, C12N 15/12                                                                                                                                                                                                  |
| 40086179 | CN116001849 | B61L 21/06, B61L 23/00                                                                                                                                                                                                   |
| 40086180 | CN116032718 | H04L 41/06, H04L 67/30                                                                                                                                                                                                   |
| 40086181 | CN116039711 | B61L 19/06, B61L 5/10                                                                                                                                                                                                    |
| 40086182 | CN116039706 | B61L 5/18                                                                                                                                                                                                                |
| 40086183 | CN116128437 | G06Q 10/10, G06Q 10/20,<br>G06Q 50/30                                                                                                                                                                                    |
| 40086184 | CN116151502 | G06Q 10/047, G06Q 50/26,<br>G06Q 50/30, B61L 27/10                                                                                                                                                                       |
| 40086185 | CN116151214 | G06F 40/194, G06F 40/166,<br>G06F 40/197                                                                                                                                                                                 |
| 40086186 | CN116149553 | G06F 3/06, B61L 27/00, G06F<br>16/22, G06F 16/2455                                                                                                                                                                       |
| 40086187 | CN116161084 | B61L 27/10, B61L 27/00,<br>B61L 27/70, B61L 5/12                                                                                                                                                                         |
| 40086188 | CN116161083 | B61L 27/04, B61L 27/10                                                                                                                                                                                                   |
| 40086189 | CN116225920 | G06F 11/36, G05B 23/02                                                                                                                                                                                                   |
| 40086190 | GB2609346   | A61K 38/46, A61P 31/00,<br>A61P 31/04, C12N 9/22, C12N<br>15/113                                                                                                                                                         |
| 40086191 | CN115023920 | H04L 9/40, G06F 21/60, G06F<br>21/62, G06Q 40/04                                                                                                                                                                         |
| 40086192 | CN114766026 | G06Q 10/08                                                                                                                                                                                                               |
| 40086193 | EP4018203   | G01N 35/00                                                                                                                                                                                                               |

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| 40086194 | EP4013742   | C07D 239/22, C07D 405/04,<br>C07D 405/14, A61K 31/513,<br>A61P 33/06                                                                        |
| 40086195 | EP4058192   | B01L 3/00, C12Q 1/6806,<br>C12Q 1/6844, G01N 35/00                                                                                          |
| 40086196 | EP4072567   | A61K 35/12, A61K 35/17,<br>C12N 5/0783                                                                                                      |
| 40086197 | CN115397818 | C07D 401/04, C07D 403/04,<br>C07D 401/14, C07D 239/42,<br>C07D 403/14, A61K 31/506,<br>A61K 31/5377, A61K 31/505,<br>A61P 35/00, A61P 37/00 |
| 40086198 | EP4149968   | C07K 14/725                                                                                                                                 |
| 40086199 | CN115244028 | C07C 53/18, C07C 55/07,<br>C07C 227/16, C07C 269/06,<br>C07C 309/29, C07C 229/08,<br>C07C 271/22                                            |
| 40086200 | CN115699723 | H04N 5/91, H04N 5/265, H04N<br>5/765, H04N 5/92, H04N<br>21/854                                                                             |
| 40086201 | EP4139884   | G06T 5/00, H04N 19/00, H04N<br>19/33                                                                                                        |
| 40086202 | EP4150748   | H02K 16/04, H02K 21/14,<br>H02K 19/24, H02K 19/20,<br>H02K 21/16, H02K 21/12,<br>H02K 1/27                                                  |
| 40086203 | EP4165069   | C07K 14/705, A61P 1/16,<br>A61P 9/10, A61P 13/12, A61P<br>25/28, C07K 14/725, C12N<br>5/0783                                                |
| 40086204 | EP4099821   | A01K 67/027, A61K 48/00,<br>C07K 14/47, C12N 9/22, C12N<br>15/10, C12N 15/11, C12N<br>15/90                                                 |
| 40086205 | EP4095062   | B65D 41/34, B65D 55/16                                                                                                                      |
| 40086206 | EP4133379   | G06F 16/18                                                                                                                                  |
| 40086207 | CN115427138 | B01J 2/10, B01J 19/00                                                                                                                       |
| 40086208 | EP4125841   | A61K 31/165, A61K 9/70,<br>A61P 25/02                                                                                                       |
| 40086209 | CN115515682 | A61P 25/28, C07D 401/14,<br>C07C 23/34, A61K 31/519,<br>A61K 31/353, C07D 209/04,<br>C07D 487/04                                            |
| 40086210 | EP4192869   | C07K 16/28, A61K 39/395,<br>A61P 35/02                                                                                                      |
| 40086211 | EP4192870   | C07K 16/28, A61K 39/395,<br>A61P 35/02                                                                                                      |
| 40086212 | CN115698041 | C07K 14/195, C12Q 1/34,<br>C12N 9/22, A61K 38/46                                                                                            |

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| 40086213 | CN115484929 | A61K 9/00, A61K 38/26, A61P 3/10, A61K 9/16, A61K 47/32, A61M 31/00                                                                                        |
| 40086214 | CN116075327 | A61M 1/14                                                                                                                                                  |
| 40086215 | EP4114958   | C12N 15/86, C07K 14/47, A61K 38/17, A61K 48/00                                                                                                             |
| 40086216 | EP4186508   | A61K 31/506, A61K 31/416, C07D 401/14, C07D 401/02, A61P 37/06, A61P 37/00                                                                                 |
| 40086217 | CN115515979 | C07K 16/28, C12N 15/13, C12N 5/00, C12N 15/63, A61K 39/395, A61P 37/00, A61P 35/00, G01N 33/53                                                             |
| 40086218 | EP4114431   | A61K 38/10                                                                                                                                                 |
| 40086219 | EP4106760   | A61K 31/496, A61K 31/519, A61K 31/5355, A61P 35/00                                                                                                         |
| 40086220 | EP4107152   | C07D 401/14, C07D 417/14, A61K 35/02, A61P 35/00                                                                                                           |
| 40086221 | CN116234901 | C12N 5/10                                                                                                                                                  |
| 40086222 | CN116249680 | C04B 7/52                                                                                                                                                  |
| 40086223 | EP4110206   | A61B 17/34, A61M 5/32, A61M 5/42, A61M 5/46                                                                                                                |
| 40086224 | CN115515599 | A61K 31/675, A61K 31/4425, A61K 31/4427, A61K 31/444, A61P 31/00, A61P 17/00, A61K 31/42, A61K 31/422                                                      |
| 40086225 | CN115515693 | A63G 3/02, A63G 3/00                                                                                                                                       |
| 40086226 | EP4189968   | H04N 21/81, H04N 21/218, H04N 21/2662, H04N 21/2343, H04N 21/845, H04N 21/44, H04N 21/2387, H04N 19/177, H04N 19/114, H04N 19/167, H04N 19/597, H04N 19/70 |
| 40086227 | CN115515614 | A61K 36/21, A61K 36/9062, A61K 36/67, A61K 36/575, A61P 19/02, A61K 31/00                                                                                  |
| 40086228 | CN115515613 | A61K 35/761, A61K 38/47, A61K 48/00                                                                                                                        |
| 40086229 | CN116234565 | A61K 39/00                                                                                                                                                 |
| 40086230 | EP4172994   | G16H 10/40, G16H 40/20, G16H 50/80                                                                                                                         |
| 40086231 | CN116057602 | G09B 5/04                                                                                                                                                  |
| 40086232 | EP4178833   | B60N 2/28                                                                                                                                                  |
| 40086233 | CN116234566 | A61K 39/12                                                                                                                                                 |
| 40086234 | EP4114975   | C12Q 1/6883, G01N 33/68, A61K 48/00                                                                                                                        |
| 40086235 | EP4103704   | C12N 9/22, C12N 9/78, C12N 15/10                                                                                                                           |

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| 40086236 | EP4103108   | A61F 2/24, A61B 17/32                                                                                              |
| 40086237 | EP4107933   | H04L 29/08                                                                                                         |
| 40086238 | EP4107262   | C12N 15/10, C12N 15/11,<br>C12Q 1/68, C12Q 1/6806,<br>C12Q 1/6844, C12Q 1/6869                                     |
| 40086239 | EP4184824   | H04L 1/00                                                                                                          |
| 40086240 | CN115515862 | B65D 71/50                                                                                                         |
| 40086241 | CN115917575 | G06Q 30/0272, G06Q 30/0251                                                                                         |
| 40086242 | EP4168271   | B60N 2/28, B60N 2/42                                                                                               |
| 40086243 | EP4104127   | G06Q 20/36, G06Q 20/02                                                                                             |
| 40086244 | EP4127158   | C12N 9/64                                                                                                          |
| 40086245 | CN115996724 | A61K 31/495                                                                                                        |
| 40086246 | EP4110387   | A61K 39/395                                                                                                        |
| 40086247 | EP4111388   | G06Q 10/00                                                                                                         |
| 40086248 | EP4110957   | C12Q 1/6886                                                                                                        |
| 40086249 | EP4135602   | A61B 17/16, A61B 17/00,<br>A61B 17/17, A61B 17/56                                                                  |
| 40086250 | EP4130274   | C12N 15/52, C07K 14/415,<br>C12N 1/15, C12N 1/19, C12N<br>1/21, C12N 5/10, C12N 15/29                              |
| 40086251 | EP4126930   | C07K 16/06, C07K 16/18,<br>A61K 39/395                                                                             |
| 40086252 | EP4103139   | A61K 8/02, A61K 8/73, A61Q<br>19/00, B32B 27/12, D01D<br>5/00                                                      |
| 40086253 | EP4103770   | D01D 5/00, A61K 8/02, A61K<br>8/73, A61Q 19/00, B32B<br>27/12, D01F 1/10                                           |
| 40086254 | EP4103768   | D01D 5/00, A61L 27/54, D01F<br>1/10, D04H 1/728                                                                    |
| 40086255 | EP4103769   | D01D 5/00, A61K 8/02, A61K<br>8/73, A61Q 19/00, B32B<br>27/12, D01F 1/10, A61L<br>27/54, D04H 1/728                |
| 40086256 | EP4103771   | D01D 5/00, D01F 1/10, D04H<br>1/728                                                                                |
| 40086257 | EP4103772   | D01D 5/00, A61K 8/02, A61K<br>8/73, A61Q 19/00, B32B<br>27/12, D01F 1/10, A61L<br>27/54, D04H 1/728, A61L<br>15/00 |
| 40086258 | EP4103773   | D01D 5/00, A61K 8/02, A61K<br>8/73, A61Q 19/00, B32B<br>27/12, D01F 1/10, B32B 7/06                                |
| 40086259 | EP4103775   | D04H 1/728, A61Q 19/00,<br>A61K 8/73, A61K 8/02, D01D<br>5/00, B32B 27/12                                          |

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| 40086260 | EP4107087   | B65D 71/40                                                                                                                                  |
| 40086261 | EP4136654   | G16H 20/60, G16H 50/20,<br>G16H 50/70                                                                                                       |
| 40086262 | EP4114375   | A61K 31/16, C07D 401/12,<br>C07C 211/55, A61P 35/00                                                                                         |
| 40086263 | EP4118237   | C12Q 1/6886                                                                                                                                 |
| 40086264 | EP4197039   | H01L 51/44                                                                                                                                  |
| 40086265 | EP4186062   | G16B 20/20, G16B 40/20                                                                                                                      |
| 40086266 | EP4186457   | A61B 34/30                                                                                                                                  |
| 40086267 | EP4186061   | G16B 20/20, G16B 40/20                                                                                                                      |
| 40086268 | EP4117725   | A61K 39/215, A61P 31/14,<br>C07K 14/18, C12N 7/01, C12N<br>15/86                                                                            |
| 40086269 | EP4176723   | A21D 2/18, A21D 2/36, A23L<br>5/00, A23L 19/00                                                                                              |
| 40086270 | EP4117720   | A61K 39/00, C07K 14/18,<br>C12N 15/86                                                                                                       |
| 40086271 | EP4106620   | A61B 5/02                                                                                                                                   |
| 40086272 | EP4111178   | G01N 21/64, H01L 27/146,<br>H01L 27/148                                                                                                     |
| 40086273 | EP4115037   | E05B 27/00, E05B 35/00                                                                                                                      |
| 40086274 | EP4115036   | E05B 27/00, E05B 35/00                                                                                                                      |
| 40086275 | CN115515574 | A61K 31/197, A61K 31/4188,<br>A61K 31/4415, A61K 31/455,<br>A61K 31/51, A61K 31/519,<br>A61K 31/525, A61K 31/714,<br>A61P 27/02, A61P 27/12 |
| 40086276 | EP4118217   | C12N 15/86                                                                                                                                  |
| 40086277 | EP4107169   | C07K 14/005, C12N 15/86,<br>A61K 48/00                                                                                                      |
| 40086278 | EP4132649   | A61P 29/00, A61K 31/541,<br>A61P 37/00, C07D 263/48                                                                                         |
| 40086279 | EP4114488   | A61M 16/04, A61B 1/267,<br>A61B 1/00, A61B 1/05                                                                                             |
| 40086280 | EP4158906   | H04R 1/28, H04R 1/00, H04R<br>9/02, H04R 31/00                                                                                              |
| 40086281 | EP4110461   | A61P 17/14, A61K 38/17,<br>A61K 45/00, A61K 47/34                                                                                           |
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| 40086283 | EP4111087   | F16N 21/02, F16N 21/04,<br>F16N 3/12                                                                                                        |
| 40086284 | EP4125982   | A61K 36/38, A61K 36/58,<br>A61K 31/155, A61K 31/731,<br>A61K 9/00, A61K 9/10, A61P<br>31/00, A61P 31/14                                     |

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| 40086285 | EP4110239   | A61F 2/95, A61F 2/962, A61F 2/966, A61M 25/00                                                 |
| 40086286 | EP4110400   | A61K 47/54, A61K 47/64, A61P 31/00, C07K 7/64                                                 |
| 40086287 | CN115698091 | C08B 3/06, C08B 3/20, C08L 23/06, C08L 25/06                                                  |
| 40086288 | CN116234554 | A61K 31/56, A61K 9/107, A61P 17/00, A61P 17/10, A61K 8/63, A61Q 19/00, A61K 36/324            |
| 40086289 | EP4114960   | C12P17/06                                                                                     |
| 40086290 | EP4125893   | A61K 31/445, A61K 47/34, A61K 9/00                                                            |
| 40086291 | EP4126972   | A61K 47/68, A61P 35/00, C07K 14/54, C07K 16/00, C07K 19/00, C07K 7/06, C12N 15/62, C12P 21/02 |
| 40086292 | EP4132571   | A61K 39/00, A61K 39/02, A61K 39/12                                                            |
| 40086293 | EP4110397   | A61K 45/06, C12Q 1/30, A61K 31/711, A61K 38/44                                                |
| 40086294 | CN115698044 | C07K 14/20, A61K 39/02, A61P 31/00, A61P 31/04                                                |
| 40086295 | EP4151009   | H04W 72/04, H04W 74/08                                                                        |
| 40086296 | CN116194942 | G06Q 30/06                                                                                    |
| 40086297 | CN115698426 | D21H 11/18, D21C 9/00, D21D 1/30                                                              |
| 40086298 | EP4193657   | H04W 28/02, H04W 76/27, H04L 29/06, H04W 76/25                                                |
| 40086299 | EP4114310   | A61F 2/24, A61M 25/00                                                                         |
| 40086300 | CN116033847 | A45B 25/00                                                                                    |
| 40086301 | EP4193256   | G06F 9/48, G06F 11/00, G06F 9/54                                                              |
| 40086302 | EP4106805   | A61K 39/00, C07K 16/28, C07K 16/46                                                            |
| 40086303 | EP4110261   | A61J 1/03, A61K 31/167, A61K 31/197, A61P 29/00, B65D 75/36, B65D 83/04                       |
| 40086304 | EP4110901   | C12N 5/0783, C07K 14/725, A61K 35/17, A61K 31/663                                             |
| 40086305 | CN115867215 | A61B 17/34                                                                                    |
| 40086306 | CN116171427 | G06F 11/00                                                                                    |
| 40086307 | EP4132960   | C07K 14/605, A61K 38/00, A61K 47/52                                                           |
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| 40086309 | EP4133059   | C12N 5/10, A61K 31/7088, A61K 31/7105, A61K 35/17, A61K 38/46, A61P 35/00, A61P 37/02, C07K 19/00, C12N 15/113, C12N 15/54, C12N 15/62, C12N 15/63, C12N 5/0783, C12N 9/22 |
| 40086310 | EP4196167   | A61K 47/62, A61K 51/06, A61P 35/00, A61K 49/00                                                                                                                             |
| 40086311 | EP4110805   | C07K 14/725, A61K 35/17, A61K 39/00, A61P 35/00, A61P 35/02, A61P 37/04, C07K 14/705, C07K 14/715, C07K 16/28                                                              |
| 40086312 | EP4110391   | A61K 39/395, C07K 16/18, C07K 16/28, G01N 33/566                                                                                                                           |
| 40086313 | EP4194467   | C07K 16/28, C07K 14/705, A61K 35/17, A61P 35/00                                                                                                                            |
| 40086314 | EP4192786   | C01B 33/023, C01B 33/025, C01B 33/18, C01B 33/113                                                                                                                          |
| 40086315 | CN115552021 | C12N 15/864, C07K 14/47, C07K 14/015, A61K 48/00, A61K 38/17, A61K 38/16                                                                                                   |
| 40086316 | CN116033936 | A61N 1/06                                                                                                                                                                  |
| 40086317 | EP4121459   | C07K 16/30, A61K 47/68, A61K 39/00                                                                                                                                         |
| 40086318 | CN116261579 | C08L 23/06                                                                                                                                                                 |
| 40086319 | EP4114835   | C07D 471/04, A61K 31/496, A61P 35/00                                                                                                                                       |
| 40086320 | EP4163375   | C12N 15/12, C12N 15/63, A61K 48/00, A61P 27/02, A61P 25/00                                                                                                                 |
| 40086321 | EP4114493   | A61M 25/00, A61B 50/30, A61F 2/00, A61L 29/04, B65B 5/04                                                                                                                   |
| 40086322 | EP4123942   | H04L 5/00                                                                                                                                                                  |
| 40086323 | CN116097396 | H01J 61/12                                                                                                                                                                 |
| 40086324 | CN116235277 | H01J 65/04                                                                                                                                                                 |
| 40086325 | EP4196060   | A61F 9/00, A61M 5/46                                                                                                                                                       |
| 40086326 | CN116195369 | H05G 2/00                                                                                                                                                                  |
| 40086327 | EP4136126   | C08F 2/48, C08F 2/60, C08F 293/00, C09B 57/00, C09K 11/06, G01N 21/64, C09B 69/10                                                                                          |
| 40086328 | CN115605488 | C07D 519/00, C07D 487/14, A61P 31/12, A61K 31/4188, A61K 31/427, A61K 38/53, A61P 35/00, A61P 37/02, C07D 471/04                                                           |

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| 40086329 | EP4110051   | A01N 1/02, C12N 15/10                                                                                                           |
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| 40086331 | CN115551548 | A61K 39/12, A61P 31/14,<br>C07K 16/10                                                                                           |
| 40086332 | CN115551482 | A61K 9/08, A61K 33/38, A61P<br>31/12, A61P 31/16                                                                                |
| 40086333 | EP4161258   | A01M 1/02, A01M 1/04, A01M<br>1/08, G01N 21/84, G06K<br>9/62, G06N 20/00, G06Q<br>30/06                                         |
| 40086334 | CN116261418 | A61B 1/00                                                                                                                       |
| 40086335 | CN115551641 | B03C 1/01, B03C 1/28                                                                                                            |
| 40086336 | EP4110764   | C07D 235/30, C07D 401/12,<br>C07D 403/12, C07D 471/04,<br>C07D 403/14, C07D 405/12,<br>A61P 29/00, A61K 31/4168,<br>C07D 413/14 |
| 40086337 | CN115698076 | C07K 16/28, C12N 15/13,<br>A61K 39/395, A61P 37/02                                                                              |
| 40086338 | EP4133069   | C12N 15/10, C07K 14/195,<br>C12N 9/22                                                                                           |
| 40086339 | EP4118200   | C12N 9/24, A61K 38/47                                                                                                           |
| 40086340 | CN115836349 | G16B 20/00                                                                                                                      |
| 40086341 | EP4124207   | G02B 6/42, H02G 1/14, H04B<br>10/077, H01R 13/40                                                                                |
| 40086342 | EP4121457   | C07K 16/28, A61K 39/00,<br>C07K 14/705, A61P 35/00,<br>A61P 37/06                                                               |
| 40086343 | CN115605234 | A61L 24/00, A61L 24/08                                                                                                          |
| 40086344 | CN115867285 | A61K 31/5377                                                                                                                    |
| 40086345 | CN116323951 | C12N 15/77                                                                                                                      |
| 40086346 | EP4112065   | A61K 35/745, A61K 45/06,<br>A61K 35/00                                                                                          |
| 40086347 | CN116322932 | B01D 39/16                                                                                                                      |
| 40086348 | EP4142800   | A61K 48/00, A61P 21/00,<br>C07K 14/005, C12N 15/86                                                                              |
| 40086349 | EP4195974   | A44C 15/00, A44C 17/02,<br>A44C 7/00                                                                                            |
| 40086350 | EP4165068   | C07K 14/705, A61P 3/06,<br>A61P 9/12, A61P 9/00                                                                                 |
| 40086351 | CN115917068 | D04H 1/64, C09J 101/08,<br>D04H 1/58, D04H 3/12, D06M<br>13/184, D21H 17/14, D21H<br>17/26                                      |

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| 40086352 | EP4110779   | C07D 471/04, C07D 401/14,<br>C07D 405/14, A61P 35/00,<br>A61K 31/4375                                                                                                                            |
| 40086353 | EP4196792   | G01N 33/574, C12Q 1/6886                                                                                                                                                                         |
| 40086354 | CN115835910 | A61P 37/00                                                                                                                                                                                       |
| 40086355 | CN115769386 | H01L 31/18                                                                                                                                                                                       |
| 40086356 | EP4110735   | C02F 101/30, C07D 279/18,<br>C07D 285/15                                                                                                                                                         |
| 40086357 | EP4117622   | A61K 9/00, A61P 27/04, A61K<br>9/06, A61K 47/10                                                                                                                                                  |
| 40086358 | CN115835911 | A61P 37/02                                                                                                                                                                                       |
| 40086359 | EP4114683   | B60L 53/60                                                                                                                                                                                       |
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| 40086361 | EP4118668   | H01F 29/00, H02M 7/00, H02M<br>1/00                                                                                                                                                              |
| 40086362 | EP4110792   | C07K 14/005, C12N 15/86,<br>C12N 5/071, C12N 7/00                                                                                                                                                |
| 40086363 | CN115605470 | C07D 405/04, C07D 231/12,<br>C07D 231/14                                                                                                                                                         |
| 40086364 | CN115698020 | C07D 498/22, A61K 31/529,<br>A61P 35/00                                                                                                                                                          |
| 40086365 | CN115668071 | G05B 11/14, G05B 11/36,<br>G05B 11/38, G05B 11/40,<br>G05B 11/42                                                                                                                                 |
| 40086366 | EP4110304   | A61K 9/48, A61K 31/4458,<br>A61K 31/4545, C07D 401/12                                                                                                                                            |
| 40086367 | CN115916260 | A61K 47/10                                                                                                                                                                                       |
| 40086368 | CN115666448 | A61F 2/24                                                                                                                                                                                        |
| 40086369 | EP4128680   | H04L 29/02                                                                                                                                                                                       |
| 40086370 | EP4178603   | A61K 38/17, A61K 48/00,<br>A61P 9/06, C12N 15/86                                                                                                                                                 |
| 40086371 | CN116325809 | H04S 7/00                                                                                                                                                                                        |
| 40086372 | CN116234717 | B60L 53/30                                                                                                                                                                                       |
| 40086373 | CN115605274 | A63B 23/03, A63B 71/00                                                                                                                                                                           |
| 40086374 | CN116322682 | A61K 31/445, A61P 3/06                                                                                                                                                                           |
| 40086375 | EP4192430   | A61K 9/06, A61K 31/496,<br>A61K 9/00, A61K 31/519,<br>A61K 33/243, A61K 31/704,<br>A61K 31/138, A61K 31/713,<br>A61K 31/337, A61K 38/31,<br>A61K 31/4375, A61P 35/00,<br>A61K 31/495, A61K 47/34 |
| 40086376 | EP4125995   | A61K 38/16, A61K 38/00,<br>A61L 27/52, A61L 27/50                                                                                                                                                |
| 40086377 | EP4157352   | A61K 39/395, C07K 16/28,<br>C07K 16/30                                                                                                                                                           |

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| 40086378 | CN115803787 | G06T 19/00                                                                          |
| 40086379 | EP4136846   | H04N 19/46, H04N 19/597                                                             |
| 40086380 | CN115666232 | A01K 41/00, A01K 41/02,<br>A01K 41/04, A01K 45/00,<br>A61D 19/00                    |
| 40086381 | EP4127135   | C12N 5/07, C12N 15/87                                                               |
| 40086382 | EP4117726   | A61K 39/25, C12N 15/113,<br>C12N 15/117                                             |
| 40086383 | EP4117719   | A61K 39/00, A61P 37/04,<br>C12N 15/113, C12N 15/117                                 |
| 40086384 | CN116324212 | F16F 15/02                                                                          |
| 40086385 | CN116096446 | A61M 16/06                                                                          |
| 40086386 | EP4115893   | A61K 35/74, A61K 39/00,<br>A61K 45/06, A61P 35/00                                   |
| 40086387 | EP4204438   | C07K 14/435, A61K 35/17,<br>C07K 14/725                                             |
| 40086388 | CN116324065 | D04H 1/728                                                                          |
| 40086389 | CN116249703 | C07D 487/04                                                                         |
| 40086390 | CN115605183 | A61K 9/00, A61K 9/06                                                                |
| 40086396 | EP4121043   | A61K 31/395, A61K 31/4015,<br>A61K 31/404, C07D 209/12,<br>C07D 403/00, C07D 403/14 |
| 40086397 | EP4136800   | H04L 9/08, H04L 9/32                                                                |

**3. 按申請編號排列****Arranged by Application Number****40086027 - 40086397**

| [21]<br>申請編號    | [11]<br>發表編號    |
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| 42023073554.0   | 40086027        |
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4. 按申請人名稱排列

Arranged by Name of Applicant

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| [71]<br>申請人名稱                                 | [51]<br>國際專利分類                                                           | [11]<br>發表編號       | 指定專利當局<br>發表編號                                       |
|-----------------------------------------------|--------------------------------------------------------------------------|--------------------|------------------------------------------------------|
| Name<br>of<br>Applicant                       | International<br>Patent<br>Classification                                | Publication<br>No. | Designated<br>Patent<br>Office<br>Publication<br>No. |
| 3-D Matrix, Ltd.                              | A61K 38/16, A61K 38/00, A61L 27/52, A61L 27/50                           | 40086376           | EP4125995                                            |
| 4D MOLECULAR THERAPEUTICS INC.                | A61K 35/761, A61K 38/47, A61K 48/00                                      | 40086228           | CN115515613                                          |
| 4D MOLECULAR THERAPEUTICS INC.                | C12N 15/864, C07K 14/47, C07K 14/015, A61K 48/00, A61K 38/17, A61K 38/16 | 40086315           | CN115552021                                          |
| 6K Inc.                                       | C01B 33/023, C01B 33/025, C01B 33/18, C01B 33/113                        | 40086314           | EP4192786                                            |
| ABBISKO THERAPEUTICS CO., LTD. 上海和譽生物醫藥科技有限公司 | C07D 487/04                                                              | 40086389           | CN116249703                                          |
| AC IMMUNE SA                                  | A61K 31/5377                                                             | 40086344           | CN115867285                                          |
| AGARWAL, Ankit 安基特·阿加瓦尔                       | A61K 9/08, A61K 33/38, A61P 31/12, A61P 31/16                            | 40086332           | CN115551482                                          |
| AMGEN INC.                                    | C07K 16/30, A61K 47/68, A61K 39/00                                       | 40086317           | EP4121459                                            |
| AMRYT PHARMACEUTICALS INC. 艾米琳制药有限责任公司        | A61K 31/445, A61P 3/06                                                   | 40086374           | CN116322682                                          |
| ANGEL GROUP CO., LTD. 天使集团股份有限公司              | G06Q 50/34, G07F 17/32, A63F 1/06                                        | 40086058           | CN115936957                                          |

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| ANGEL GROUP CO., LTD. 天使集团股份有限公司 | G07F 17/32, G06V 10/764, G06V 10/98, G06V 20/00                                                                                                                                                                                                                  | 40086065 | CN116030581 |
| ANGEL GROUP CO., LTD. 天使集团股份有限公司 | A63F 1/06, A63F 1/14, A63F 1/18, A63F 3/00, A63F 5/02, A63F 11/00, G07F 17/32                                                                                                                                                                                    | 40086164 | CN115624738 |
| ANGEL GROUP CO., LTD. 天使集团股份有限公司 | A63F 13/213, A63F 13/46, A63F 13/822, G06V 20/62                                                                                                                                                                                                                 | 40086165 | CN115591219 |
| APR CO., LTD.                    | A61N 1/06                                                                                                                                                                                                                                                        | 40086316 | CN116033936 |
| ARTNATURE INC. 自然艺术公司            | A41G 3/00                                                                                                                                                                                                                                                        | 40086073 | CN115702710 |
| ASC REGENITY Limited             | A61K 35/741, A61K 31/733, A61K 31/702, A61K 31/198, A61K 36/185, A61K 36/15, A61K 36/42, A61K 31/122, A61K 31/593, A61K 35/747, A61K 35/744, A61K 31/7048, A61K 31/366, A61K 31/202, A61K 38/40, A61K 31/455, A61K 31/197, A61K 31/4415, A61K 36/81, A61K 31/375 | 40086072 | EP4112064   |
| ASUSTeK COMPUTER INC. 華碩電腦股份有限公司 | H04L 5/00, H04W 40/22, H04W 72/04, H04W 76/14                                                                                                                                                                                                                    | 40086119 | CN115603882 |
| AUTOSTORE TECHNOLOGY AS          | B60L 53/30                                                                                                                                                                                                                                                       | 40086372 | CN116234717 |
| Abiomed Europe GmbH              | A61M 60/13, A61M 60/139, A61M 60/216, A61M 60/422, A61M 60/508, A61M 60/804                                                                                                                                                                                      | 40086135 | EP4134123   |
| Abiomed, Inc.                    | A61M 60/178, A61M 60/20, A61M 60/216, A61M 60/538, A61M 60/585, A61M 60/873, A61M 60/876, H02J 7/00                                                                                                                                                              | 40086115 | EP4112115   |
| Access Vascular, Inc.            | A61M 25/00, A61B 50/30, A61F 2/00, A61L 29/04, B65B 5/04                                                                                                                                                                                                         | 40086321 | EP4114493   |
| Adicet Therapeutics, Inc.        | A61K 35/12, A61K 35/17, C12N 5/0783                                                                                                                                                                                                                              | 40086196 | EP4072567   |
| Akouos, Inc. 阿库斯股份有限公司           | C12N 15/86, C07K 14/47, A61K 38/17, A61K 48/00                                                                                                                                                                                                                   | 40086215 | EP4114958   |
| Aktana, Inc.                     | G06Q 10/00                                                                                                                                                                                                                                                       | 40086247 | EP4111388   |

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| Alector LLC<br>Washington<br>University                                                                                                                                                                                 | C07K 16/28, A61P<br>25/28, A61P 25/14                                                                                        | 40086308 | EP4110814   |
| Alfen Medical<br>Devices<br>Development Ltd.<br>阿尔芬医疗器械开发有<br>限公司                                                                                                                                                       | A61M 16/04, A61B<br>1/267, A61B 1/00, A61B<br>1/05                                                                           | 40086279 | EP4114488   |
| Algia Pharma, LLC                                                                                                                                                                                                       | A61J 1/03, A61K<br>31/167, A61K 31/197,<br>A61P 29/00, B65D<br>75/36, B65D 83/04                                             | 40086303 | EP4110261   |
| Allogene<br>Therapeutics,<br>Inc.                                                                                                                                                                                       | C07K 14/725, A61K<br>35/17, A61K 39/00,<br>A61P 35/00, A61P<br>35/02, A61P 37/04,<br>C07K 14/705, C07K<br>14/715, C07K 16/28 | 40086311 | EP4110805   |
| Amplifica, Inc.                                                                                                                                                                                                         | A61P 17/14, A61K<br>38/17, A61K 45/00,<br>A61K 47/34                                                                         | 40086281 | EP4110461   |
| Amplyx<br>Pharmaceuticals,<br>Inc.                                                                                                                                                                                      | A61K 31/675, A61K<br>31/4425, A61K 31/4427,<br>A61K 31/444, A61P<br>31/00, A61P 17/00,<br>A61K 31/42, A61K<br>31/422         | 40086224 | CN115515599 |
| Arcturus<br>Therapeutics,<br>Inc.                                                                                                                                                                                       | A61K 39/00, C07K<br>14/18, C12N 15/86                                                                                        | 40086270 | EP4117720   |
| Arcturus<br>Therapeutics,<br>Inc.<br>Sullivan, Sean<br>Michael<br>Matsuda, Daiki<br>Tachikawa,<br>Kiyoshi<br>Chivukula,<br>Padmanabh<br>Karmali, Priya<br>Prakash<br>Davis, Jared<br>Henry<br>Bao, Yanjie<br>Sagi, Amit | A61K 39/215, A61P<br>31/14, C07K 14/18,<br>C12N 7/01, C12N 15/86                                                             | 40086268 | EP4117725   |
| Arisa Medical,<br>Inc.                                                                                                                                                                                                  | A61B 17/12, A61B 90/00                                                                                                       | 40086117 | EP4119066   |
| Array BioPharma<br>Inc.                                                                                                                                                                                                 | C07D 231/56                                                                                                                  | 40086041 | EP4101844   |
| Astrazeneca AB                                                                                                                                                                                                          | C12N 15/10, C07K<br>14/195, C12N 9/22                                                                                        | 40086338 | EP4133069   |

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| BASLER ELECTRIC<br>COMPANY 巴斯勒电子<br>公司  | G05B 11/14, G05B<br>11/36, G05B 11/38,<br>G05B 11/40, G05B 11/42                                                   | 40086365 | CN115668071 |
| BECKMAN COULTER,<br>INC.                | G01N 35/00                                                                                                         | 40086193 | EP4018203   |
| BECKMAN COULTER,<br>INC.                | B01L 3/00, C12Q<br>1/6806, C12Q 1/6844,<br>G01N 35/00                                                              | 40086195 | EP4058192   |
| BECKMAN COULTER,<br>INC. 贝克曼库尔特有<br>限公司 | B03C 1/01, B03C 1/28                                                                                               | 40086335 | CN115551641 |
| BELLEROPHON<br>THERAPEUTICS             | A61M 16/06                                                                                                         | 40086385 | CN116096446 |
| BICYCLETX LIMITED<br>拜斯科技技术有限公<br>司     | A61K 47/54, A61K<br>47/64, A61P 31/00,<br>C07K 7/64                                                                | 40086286 | EP4110400   |
| BRII BIOSCIENCES,<br>INC.               | A61K 31/56, A61K<br>31/568, A61K 31/575,<br>A61P 25/08                                                             | 40086330 | EP4110345   |
| Bakel S.R.L.                            | A61K 8/02, A61K 8/73,<br>A61Q 19/00, B32B<br>27/12, D01D 5/00                                                      | 40086252 | EP4103139   |
| Bakel S.R.L.                            | D01D 5/00, A61K 8/02,<br>A61K 8/73, A61Q 19/00,<br>B32B 27/12, D01F 1/10                                           | 40086253 | EP4103770   |
| Bakel S.R.L.                            | D01D 5/00, A61L 27/54,<br>D01F 1/10, D04H 1/728                                                                    | 40086254 | EP4103768   |
| Bakel S.R.L.                            | D01D 5/00, A61K 8/02,<br>A61K 8/73, A61Q 19/00,<br>B32B 27/12, D01F 1/10,<br>A61L 27/54, D04H 1/728                | 40086255 | EP4103769   |
| Bakel S.R.L.                            | D01D 5/00, D01F 1/10,<br>D04H 1/728                                                                                | 40086256 | EP4103771   |
| Bakel S.R.L.                            | D01D 5/00, A61K 8/02,<br>A61K 8/73, A61Q 19/00,<br>B32B 27/12, D01F 1/10,<br>A61L 27/54, D04H<br>1/728, A61L 15/00 | 40086257 | EP4103772   |
| Bakel S.R.L.                            | D01D 5/00, A61K 8/02,<br>A61K 8/73, A61Q 19/00,<br>B32B 27/12, D01F 1/10,<br>B32B 7/06                             | 40086258 | EP4103773   |
| Bakel S.R.L.                            | D04H 1/728, A61Q<br>19/00, A61K 8/73, A61K<br>8/02, D01D 5/00, B32B<br>27/12                                       | 40086259 | EP4103775   |
| Bambino Prezioso<br>Switzerland AG      | B60N 2/28                                                                                                          | 40086232 | EP4178833   |
| Bambino Prezioso<br>Switzerland AG      | B60N 2/28, B60N 2/42                                                                                               | 40086242 | EP4168271   |

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| Bausch + Lomb<br>Ireland Limited<br>博士倫愛爾蘭有限公司                                                                                                                                                                                                                          | A61K 31/197, A61K<br>31/4188, A61K 31/4415,<br>A61K 31/455, A61K<br>31/51, A61K 31/519,<br>A61K 31/525, A61K<br>31/714, A61P 27/02,<br>A61P 27/12                                                               | 40086275 | CN115515574 |
| Bayer<br>Aktiengesellschaft<br>拜耳股份有限公司<br>Bayer Pharma<br>Aktiengesellschaft<br>拜耳醫藥股份公司<br>The Broad<br>Institute, Inc.<br>布羅德研究所股份有限<br>公司<br>President and<br>Fellows of<br>Harvard College<br>哈佛大學的校長及成員<br>們<br>The General<br>Hospital<br>Corporation 通用醫<br>療公司 | C07D 249/12, C07D<br>401/12, C07D 405/12,<br>C07D 403/12, C07D<br>413/12, A61P 29/00,<br>A61P 35/00, A61P<br>35/02, A61K 31/4196,<br>A61K 31/4439, A61K<br>31/4709, A61K 31/454,<br>A61K 31/506, A61K<br>31/422 | 40086116 | CN115557907 |
| Beam Therapeutics<br>Inc. 比姆醫療股份有<br>限公司                                                                                                                                                                                                                                | C12N 9/22, C12N 9/78,<br>C12N 15/10                                                                                                                                                                             | 40086235 | EP4103704   |
| Beijing Bluepha<br>Microbiology<br>Technology Co.,<br>Ltd. 北京藍晶微生物<br>科技有限公司<br>Jiangsu Lansu<br>Biomaterial Co.,<br>Ltd. 江蘇藍素生物材<br>料有限公司                                                                                                                              | B29B 9/06                                                                                                                                                                                                       | 40086146 | CN115890962 |
| Beijing Sogou<br>Technology<br>Development Co.,<br>Ltd. 北京搜狗科技發<br>展有限公司                                                                                                                                                                                                | H04N 23/695, H04N<br>23/63, H04N 23/61,<br>H04N 23/57                                                                                                                                                           | 40086087 | CN116055884 |
| Beijing Tide<br>Pharmaceutical<br>Co., Ltd. 北京泰德<br>製藥股份有限公司                                                                                                                                                                                                            | A61K 31/506, A61K<br>31/416, C07D 401/14,<br>C07D 401/02, A61P<br>37/06, A61P 37/00                                                                                                                             | 40086216 | EP4186508   |
| Betapack, S.A.U.                                                                                                                                                                                                                                                        | B65D 41/34, B65D 55/16                                                                                                                                                                                          | 40086205 | EP4095062   |
| BicycleTX Limited                                                                                                                                                                                                                                                       | G01N 33/574, C12Q<br>1/6886                                                                                                                                                                                     | 40086353 | EP4196792   |
| Biohaven<br>Therapeutics Ltd.                                                                                                                                                                                                                                           | A61K 31/445, A61K<br>47/34, A61K 9/00                                                                                                                                                                           | 40086290 | EP4125893   |

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| Blue Prism Limited                     | G06F 21/62, G06F 21/60                                                              | 40086169 | EP4131047   |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | B61L 21/06, B61L 23/00                                                              | 40086179 | CN116001849 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | H04L 41/06, H04L 67/30                                                              | 40086180 | CN116032718 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | B61L 19/06, B61L 5/10                                                               | 40086181 | CN116039711 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | B61L 5/18                                                                           | 40086182 | CN116039706 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | G06Q 10/10, G06Q 10/20, G06Q 50/30                                                  | 40086183 | CN116128437 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | G06Q 10/047, G06Q 50/26, G06Q 50/30, B61L 27/10                                     | 40086184 | CN116151502 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | G06F 40/194, G06F 40/166, G06F 40/197                                               | 40086185 | CN116151214 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | G06F 3/06, B61L 27/00, G06F 16/22, G06F 16/2455                                     | 40086186 | CN116149553 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | B61L 27/10, B61L 27/00, B61L 27/70, B61L 5/12                                       | 40086187 | CN116161084 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | B61L 27/04, B61L 27/10                                                              | 40086188 | CN116161083 |
| CASCO SIGNAL CO., LTD. 卡斯柯信号有限公司       | G06F 11/36, G05B 23/02                                                              | 40086189 | CN116225920 |
| CELLIBRE, INC.                         | C12P17/06                                                                           | 40086289 | EP4114960   |
| CENTRO DE INMUNOLOGIA MOLECULAR 分子免疫中心 | A61K 39/00                                                                          | 40086229 | CN116234565 |
| CERENO SCIENTIFIC AB                   | A61K 31/19, A61K 31/616, A61K 31/4365, A61K 31/519, A61P 9/10, A61P 9/14, A61P 7/02 | 40086166 | CN115581691 |

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| CHIA TAI TIANQING<br>PHARMACEUTICAL<br>GROUP CO., LTD.<br>正大天晴藥業集團股份<br>有限公司                                                                                                                                                           | C07K 16/28, C12N<br>15/13, A61K 39/395,<br>A61P 37/02                                                                           | 40086337 | CN115698076 |
| CHILDREN'S<br>MEDICAL CENTER<br>CORPORATION                                                                                                                                                                                            | A61K 38/17, A61K<br>48/00, A61P 9/06, C12N<br>15/86                                                                             | 40086370 | EP4178603   |
| CISA S.P.A.                                                                                                                                                                                                                            | E05B 27/00, E05B 35/00                                                                                                          | 40086273 | EP4115037   |
| CISA S.P.A.                                                                                                                                                                                                                            | E05B 27/00, E05B 35/00                                                                                                          | 40086274 | EP4115036   |
| CJ CHEILJEDANG<br>CORPORATION CJ 第<br>一制糖株式会社                                                                                                                                                                                          | C12N 15/77                                                                                                                      | 40086345 | CN116323951 |
| CLO VIRTUAL<br>FASHION INC. 柯<br>虚拟时尚股份有限公司                                                                                                                                                                                            | G06T 19/00                                                                                                                      | 40086378 | CN115803787 |
| CORNING<br>INCORPORATED 康宁<br>股份有限公司                                                                                                                                                                                                   | C03C 3/097, C03C 21/00                                                                                                          | 40086050 | CN115557697 |
| CYTEIR<br>THERAPEUTICS,<br>INC.                                                                                                                                                                                                        | C07D 417/04, C07D<br>417/14, C07D 277/42,<br>C07D 277/28, C07D<br>417/12, A61P 25/28,<br>A61P 35/00, A61P<br>37/00, A61K 31/427 | 40086120 | EP4112616   |
| Canary Medical<br>Switzerland AG                                                                                                                                                                                                       | A61B 5/02                                                                                                                       | 40086271 | EP4106620   |
| Cellengene Inc                                                                                                                                                                                                                         | C07K 16/28, C07K<br>14/705, A61K 35/17,<br>A61P 35/00                                                                           | 40086313 | EP4194467   |
| Children's<br>Medical Research<br>Institute<br>The Sydney<br>Children's<br>Hospitals Network<br>(Randwick and<br>Westmead) (incorpo<br>rating THE ROYAL<br>ALEXANDRA<br>HOSPITAL FOR<br>CHILDREN)<br>Logicbio<br>Therapeutics,<br>Inc. | C07K 14/005, C12N<br>15/86, C12N 5/071,<br>C12N 7/00                                                                            | 40086362 | EP4110792   |
| China Mobile<br>Communication<br>Co., Ltd.<br>Research<br>Institute 中国移动<br>通信有限公司研究院<br>China Mobile                                                                                                                                  | H04L 1/00                                                                                                                       | 40086239 | EP4184824   |

Communications  
Group Co., Ltd.  
中国移动通信集团有限  
公司

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| China State<br>Construction<br>Hailong<br>Technology Co.,<br>Ltd 中海海龙科技有限<br>公司 | E04B 2/56, E04B 2/86 | 40086040 | CN115596115 |
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| DENTSU INC. 株式會<br>社電通 | G06Q 30/0272, G06Q<br>30/0251 | 40086241 | CN115917575 |
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| DOLBY<br>INTERNATIONAL AB<br>杜比国际公司 | G10L 19/16, G10L<br>19/008, H04S 3/00 | 40086142 | CN116206617 |
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| DOLBY<br>INTERNATIONAL AB<br>杜比国际公司 | G10L 19/24, G10L<br>19/008 | 40086144 | CN116259326 |
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| DOLBY<br>LABORATORIES<br>LICENSING<br>CORPORATION | G06T 5/00, H04N 19/00,<br>H04N 19/33 | 40086201 | EP4139884 |
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| DOLBY<br>LABORATORIES<br>LICENSING<br>CORPORATION | H04N 21/81, H04N<br>21/218, H04N 21/2662,<br>H04N 21/2343, H04N<br>21/845, H04N 21/44,<br>H04N 21/2387, H04N<br>19/177, H04N 19/114,<br>H04N 19/167, H04N<br>19/597, H04N 19/70 | 40086226 | EP4189968 |
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| DONG-A ST CO.,<br>LTD. 东亚 ST 株式會<br>社 | C07D 401/04, C07D<br>403/04, C07D 401/14,<br>C07D 239/42, C07D<br>403/14, A61K 31/506,<br>A61K 31/5377, A61K<br>31/505, A61P 35/00,<br>A61P 37/00 | 40086197 | CN115397818 |
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| Dana-Farber<br>Cancer Institute,<br>Inc. 丹娜法伯癌症研<br>究院 | A61K 38/10 | 40086218 | EP4114431 |
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| De Beers UK<br>Limited | A44C 15/00, A44C<br>17/02, A44C 7/00 | 40086349 | EP4195974 |
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| Dishman Carbogen<br>Amcis Ltd. | C02F 101/30, C07D<br>279/18, C07D 285/15 | 40086356 | EP4110735 |
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| Dynavax<br>Technologies<br>Corporation | A61K 39/25, C12N<br>15/113, C12N 15/117 | 40086382 | EP4117726 |
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| Dynavax<br>Technologies<br>Corporation | A61K 39/00, A61P<br>37/04, C12N 15/113,<br>C12N 15/117 | 40086383 | EP4117719 |
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Serum Institute  
of India Private  
Limited

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| E Green Tech Inc.<br>CHO, Yong Tae<br>KIM, Chi Eun | B01F 35/71, A23L<br>19/20, B01F 35/75,<br>B01F 101/06 | 40086114 | CN115569593 |
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| EDITFORCE, INC. | C12N 15/52, C07K<br>14/415, C12N 1/15,<br>C12N 1/19, C12N 1/21,<br>C12N 5/10, C12N 15/29 | 40086250 | EP4130274 |
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| ENGINEIC<br>MOLECULAR<br>DELIVERY PTY LTD<br>安吉尼科分子传输公司 | A61K 39/12 | 40086233 | CN116234566 |
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| ENI S.P.A. | H01L 51/44 | 40086264 | EP4197039 |
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| ESSITY HYGIENE<br>AND HEALTH<br>AKTIEBOLAG 易希提<br>卫生与保健公司 | D04H 1/64, C09J<br>101/08, D04H 1/58,<br>D04H 3/12, D06M<br>13/184, D21H 17/14,<br>D21H 17/26 | 40086351 | CN115917068 |
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| ETA SA<br>MANUFACTURE<br>HORLOGÈRE SUISSE | G04B 17/06, G04B 17/32 | 40086046 | CN115933347 |
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| ETA SA<br>Manufacture<br>Horlogère Suisse | G04B 47/04, G04B 19/10 | 40086057 | CN115542708 |
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| ETA SA<br>Manufacture<br>Horlogère Suisse | G04B 19/14, G04B 19/12 | 40086112 | CN115576181 |
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| Edwards<br>Lifesciences<br>Corporation | A61F 2/24, A61B 17/32 | 40086236 | EP4103108 |
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| Edwards<br>Lifesciences<br>Corporation | A61F 2/95, A61F 2/962,<br>A61F 2/966, A61M 25/00 | 40086285 | EP4110239 |
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| Edwards<br>Lifesciences<br>Corporation | A61F 2/24, A61M 25/00 | 40086299 | EP4114310 |
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| Edwards<br>Lifesciences<br>Corporation 爱德华<br>兹生命科学公司 | A61F 2/00, A61F 2/24 | 40086035 | CN115553970 |
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| Ellipses Pharma<br>Ltd<br>Institute of<br>Cancer Research:<br>Royal Cancer<br>Hospital | C07D 471/04, A61K<br>31/496, A61P 35/00 | 40086319 | EP4114835 |
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| Epibone, Inc. | A61B 17/16, A61B<br>17/00, A61B 17/17,<br>A61B 17/56 | 40086249 | EP4135602 |
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| Equinix, Inc.                                                                                      | H04L 67/104, H04L 67/51, H04L 69/28, H04L 67/55                                                                                                          | 40086128 | EP4113955   |
| Exelixis, Inc.                                                                                     | C07D 471/04, C07D 401/14, C07D 405/14, A61P 35/00, A61K 31/4375                                                                                          | 40086352 | EP4110779   |
| F. HOFFMANN-LA ROCHE AG 豪夫迈·罗氏有限公司                                                                 | A61P 37/00                                                                                                                                               | 40086354 | CN115835910 |
| F. HOFFMANN-LA ROCHE AG 豪夫迈·罗氏有限公司                                                                 | A61P 37/02                                                                                                                                               | 40086358 | CN115835911 |
| F. HOFFMANN-LA ROCHE AG 豪夫迈·罗氏有限公司                                                                 | A61J 3/00, A61J 3/10, A61K 9/20, A61K 9/28, A61K 47/38, A61K 47/36, A61K 47/26, A61K 47/32, A61K 47/02, A61K 31/517, A61P 35/00, A61P 43/00, C07D 239/70 | 40086037 | CN116172869 |
| F. HOFFMANN-LA ROCHE AG 豪夫迈·罗氏有限公司                                                                 | C07K 16/28, C12N 15/13, A61K 39/395, A61P 35/00, A61P 31/00                                                                                              | 40086038 | CN115594765 |
| FISHER & PAYKEL HEALTHCARE LIMITED                                                                 | A61M 16/08, A61M 16/10, A61M 16/16                                                                                                                       | 40086031 | GB2607817   |
| FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG EINGETRAGENER VEREIN 弗劳恩霍夫应用研究促进协会 | H01L 31/18                                                                                                                                               | 40086355 | CN115769386 |
| CE CELL ENGINEERING GMBH CE 面板工程有限公司                                                               |                                                                                                                                                          |          |             |
| FUTU NETWORK TECHNOLOGY (SHENZHEN) CO., LTD. 富途網絡科技(深圳)有限公司                                        | H04L 9/40, G06F 21/60, G06F 21/62, G06Q 40/04                                                                                                            | 40086191 | CN115023920 |
| Faith Billion Technology Development Limited 亿信科技发展有限公司                                            | G02B 30/29, G02B 27/00                                                                                                                                   | 40086153 | CN116300133 |
| Ferring B.V.                                                                                       | C07K 14/705, A61P 3/06, A61P 9/12, A61P 9/00                                                                                                             | 40086350 | EP4165068   |

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| Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.                                                               | G10L 21/038                                               | 40086036 | EP4102503   |
| Freeline Therapeutics Limited                                                                                                      | C12N 9/24, A61K 38/47                                     | 40086339 | EP4118200   |
| Fresenius Kabi Oncology Limited                                                                                                    | C07K 14/605, A61K 38/00, A61K 47/52                       | 40086307 | EP4132960   |
| G CLEF ACOUSTIC LTD. 集珂莱福音响株式会社                                                                                                    | F16F 15/02                                                | 40086384 | CN116324212 |
| GENETHON Universität Heidelberg Universite d'Evry Val d'Essonne Institut National de la Santé et de la Recherche Médicale (INSERM) | A61K 48/00, A61P 21/00, C07K 14/005, C12N 15/86           | 40086348 | EP4142800   |
| GENEVIS INC. 株式会社吉纳维斯                                                                                                              | H04N 5/91, H04N 5/265, H04N 5/765, H04N 5/92, H04N 21/854 | 40086200 | CN115699723 |
| GRAIL, LLC 格里尔公司                                                                                                                   | G16B 20/00                                                | 40086340 | CN115836349 |
| GUANGDONG BRIGHT DREAM ROBOTICS CO., LTD. 广东博智林机器人有限公司                                                                             | A47L 11/24, A47L 11/40                                    | 40086121 | CN115553659 |
| GUANGZHOU BIOSEAL BIOTECH CO., LTD.                                                                                                | A61L 24/00, A61L 24/08                                    | 40086343 | CN115605234 |
| GammaDelta Therapeutics Limited                                                                                                    | A61K 39/395                                               | 40086246 | EP4110387   |
| Gelfond, Robert                                                                                                                    | H04L 29/08                                                | 40086237 | EP4107933   |
| Grizit B.V. 格里茲特有限公司                                                                                                               | F16N 21/02, F16N 21/04, F16N 3/12                         | 40086283 | EP4111087   |
| Grünenthal GmbH                                                                                                                    | A61K 31/165, A61K 9/70, A61P 25/02                        | 40086208 | EP4125841   |
| HDT BIO CORP. 赫德特生物公司                                                                                                              | A61K 39/12, A61P 31/14, C07K 16/10                        | 40086331 | CN115551548 |
| HK Bidding Technology Service Limited 香港招标技术服务有限公司                                                                                 | G06Q 40/04, G06Q 30/08, G06Q 10/087, G06Q 10/10           | 40086047 | CN116205734 |

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| HONOR DEVICE CO., LTD. 榮耀終端有限公司                                                           | H04M 1/02, H05K 9/00                                        | 40086060 | CN115941823 |
| Helmholtz Zentrum München Deutsches Forschungszentrum für Gesundheit und Umwelt GmbH      | C07K 16/30                                                  | 40086133 | EP4119581   |
| Hofseth Biocare ASA                                                                       | A61K 39/00, A61K 39/02, A61K 39/12                          | 40086292 | EP4132571   |
| Hong Kong Applied Science and Technology Research Institute Company Limited 香港應用科技研究院有限公司 | G06Q 10/08                                                  | 40086192 | CN114766026 |
| Hyannis Port Research, Inc.                                                               | H04W 28/02, H04W 76/27, H04L 29/06, H04W 76/25              | 40086298 | EP4193657   |
| Hyannis Port Research, Inc.                                                               | G06F 9/48, G06F 11/00, G06F 9/54                            | 40086301 | EP4193256   |
| IMMANUEL ALBERTINEN DIAKONIE GGMBH 伊曼纽尔阿尔伯特宁迪亚科尼有限公司                                      | A61F 2/24                                                   | 40086368 | CN115666448 |
| INSERM (Institut National de la Santé et de la Recherche Médicale) Nantes Université      | C07K 16/28, A61K 39/00, C07K 14/705, A61P 35/00, A61P 37/06 | 40086342 | EP4121457   |
| ISTEQ B.V. ISTEQ 私人有限公司 ISTEQ GROUP HOLDING B.V. ISTEQ 集团控股有限公司                           | H01J 61/12                                                  | 40086323 | CN116097396 |
| ISTEQ B.V. ISTEQ 私人有限公司 ISTEQ GROUP HOLDING B.V. ISTEQ 集团控股有限公司                           | H01J 65/04                                                  | 40086324 | CN116235277 |
| ISTEQ B.V. ISTEQ 私人有限公司 ISTEQ GROUP HOLDING B.V. ISTEQ 集团控股有限公司                           | H05G 2/00                                                   | 40086326 | CN116195369 |

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| Illumina, Inc.                                  | G16B 20/20, G16B 40/20                                                                                                                                                                              | 40086265 | EP4186062   |
| Illumina, Inc.                                  | G16B 20/20, G16B 40/20                                                                                                                                                                              | 40086267 | EP4186061   |
| Insmed Incorporated                             | A61K 31/7036, A61K 9/127, A61P 31/04, A61K 31/407, A61K 31/4375, A61K 31/4409, A61K 31/496, A61K 31/5383, A61K 31/546, A61K 31/65, A61K 31/7048, A61K 31/7052, A61K 9/00, A61K 31/133, A61K 31/4709 | 40086177 | EP4122470   |
| Interdigital Patent Holdings, Inc.              | H04N 19/46, H04N 19/597                                                                                                                                                                             | 40086379 | EP4136846   |
| Intrigel Therapeutics Ltd.                      | A61K 9/06, A61K 31/496, A61K 9/00, A61K 31/519, A61K 33/243, A61K 31/704, A61K 31/138, A61K 31/713, A61K 31/337, A61K 38/31, A61K 31/4375, A61P 35/00, A61K 31/495, A61K 47/34                      | 40086375 | EP4192430   |
| Izzi, Inc.                                      | G06Q 20/36, G06Q 20/02                                                                                                                                                                              | 40086243 | EP4104127   |
| JCR PHARMACEUTICALS CO., LTD. JCR 制药股份有限公司      | C12N 5/10                                                                                                                                                                                           | 40086221 | CN116234901 |
| JOHANNES C BASSON                               | A61F 5/455, A61F 6/08                                                                                                                                                                               | 40086130 | GB2608573   |
| Jem Accessories Inc.                            | G02B 6/42, H02G 1/14, H04B 10/077, H01R 13/40                                                                                                                                                       | 40086341 | EP4124207   |
| KREMEYER, KEVIN 凱文·克雷梅耶                         | D03D 47/30, D03D 47/27, D03D 47/28, B61B 13/00, B61C 11/06, B61D 17/02, F03G 7/00                                                                                                                   | 40086173 | EP4116475   |
| KYOCERA AVX Components Corporation 京瓷 AVX 元器件公司 | H01G 11/68, H01G 11/32, H01G 11/78                                                                                                                                                                  | 40086126 | CN115579248 |
| KYOCERA AVX Components Corporation 京瓷 AVX 元器件公司 | H01G 4/005, H01G 4/008, H01G 4/06, H01G 4/14                                                                                                                                                        | 40086127 | CN115579241 |
| Karyopharm Therapeutics Inc.                    | C07D 403/12, A61K 31/497, A61P 35/00, A61P 25/00, A61P 31/00                                                                                                                                        | 40086113 | EP4112615   |

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| KemPharm, Inc.                                                             | A61K 9/48, A61K 31/4458, A61K 31/4545, C07D 401/12                                             | 40086366 | EP4110304   |
| Kerecis AG                                                                 | A61K 36/38, A61K 36/58, A61K 31/155, A61K 31/731, A61K 9/00, A61K 9/10, A61P 31/00, A61P 31/14 | 40086284 | EP4125982   |
| Knirps International GmbH 克纳波斯国际有限公司                                       | A45B 25/00                                                                                     | 40086300 | CN116033847 |
| Kymab Limited                                                              | C12N 15/85, A01K 67/027, C07K 16/00, C07K 16/46                                                | 40086143 | EP4116427   |
| Kymera Therapeutics, Inc.                                                  | A61K 31/395, A61K 31/4015, A61K 31/404, C07D 209/12, C07D 403/00, C07D 403/14                  | 40086396 | EP4121043   |
| LAND BUSINESS CO., LTD. 株式會社藍地商業                                           | G06Q 30/06                                                                                     | 40086296 | CN116194942 |
| LANZHOU LANSHI ZHONGKE NANOTECHNOLOGY CO., LTD.                            | B01J 2/10, B01J 19/00                                                                          | 40086207 | CN115427138 |
| LEVY, Yehudit 耶胡迪特·利维                                                      | A63B 23/03, A63B 71/00                                                                         | 40086373 | CN115605274 |
| LG HOUSEHOLD & HEALTH CARE LTD. 株式会社 LG 生活健康                               | A61K 8/67, A61K 8/44, A61Q 19/00, A61Q 19/02                                                   | 40086147 | CN115869209 |
| Landis+Gyr Innovations, Inc. 蘭迪斯+蓋爾創新有限公司                                  | H04L 43/106, H04W 24/04, H04W 24/08, G01R 31/08, G01R 22/06, H02H 1/00, H02H 3/04              | 40086059 | CN116346682 |
| Lin, Chun Man Anthony 连俊文                                                  | A61B 34/30                                                                                     | 40086266 | EP4186457   |
| Logistics and Supply Chain MultiTech R&D Centre Limited 物流及供應鏈多元技術研發中心有限公司 | B65D 55/02                                                                                     | 40086360 | CN116194382 |
| Lyell Immunopharma, Inc.                                                   | C07K 14/725                                                                                    | 40086198 | EP4149968   |
| MITOKININ, INC. 麦托吉宁公司                                                     | A61P 25/28, C07D 401/14, C07C 23/34, A61K 31/519, A61K                                         | 40086209 | CN115515682 |

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|                                                                                                                                | 31/353, C07D 209/04,<br>C07D 487/04                                       |          |             |
| MONTRES BREGUET<br>SA                                                                                                          | G04B 21/00, G04B<br>21/08, G04B 37/00,<br>G04B 23/00, G10K 13/00          | 40086056 | CN115542706 |
| MacroGenics, Inc.                                                                                                              | A61K 39/395, C07K<br>14/715, C07K 16/28,<br>C12P 21/08                    | 40086282 | EP4106813   |
| Merck Sharp &<br>Dohme LLC<br>THE WALTER AND<br>ELIZA HALL<br>INSTITUTE OF<br>MEDICAL RESEARCH<br>MSD R&D (China)<br>Co., Ltd. | C07D 239/22, C07D<br>405/04, C07D 405/14,<br>A61K 31/513, A61P<br>33/06   | 40086194 | EP4013742   |
| Meso Scale<br>Technologies,<br>LLC.                                                                                            | G16H 10/40, G16H<br>40/20, G16H 50/80                                     | 40086230 | EP4172994   |
| Mips Tech, LLC 美<br>普思技术有限责任公司                                                                                                 | G06F 9/38                                                                 | 40086051 | CN115993992 |
| Mizkan Holdings<br>Co., Ltd.                                                                                                   | A21D 2/18, A21D 2/36,<br>A23L 5/00, A23L 19/00                            | 40086269 | EP4176723   |
| Momenta<br>Pharmaceuticals,<br>Inc.                                                                                            | A61K 39/395, C07K<br>16/18, C07K 16/28,<br>G01N 33/566                    | 40086312 | EP4110391   |
| Morgandane<br>Scientific, LLC                                                                                                  | A61P 7/02, A61P 9/12,<br>A61K 31/277, A61K<br>31/5377                     | 40086027 | EP4134131   |
| N.R Soos<br>Technology Ltd.<br>N·R 索斯科技有限公司                                                                                    | A01K 41/00, A01K<br>41/02, A01K 41/04,<br>A01K 45/00, A61D 19/00          | 40086380 | CN115666232 |
| NAIN BIOTECH<br>(HANGZHOU) CO.,<br>LTD. 杭州拿因生物科<br>技有限責任公司                                                                     | C07D 209/88, A61K<br>31/403, A61P 35/00                                   | 40086149 | CN116143683 |
| NANO PRECISION<br>MEDICAL, INC. 纳米<br>精密医疗公司                                                                                   | A61K 9/00, A61K 38/26,<br>A61P 3/10, A61K 9/16,<br>A61K 47/32, A61M 31/00 | 40086213 | CN115484929 |
| NANOSHIELDS<br>TECHNOLOGY<br>LIMITED 納諾史德斯<br>科技有限公司                                                                           | D04H 1/728                                                                | 40086388 | CN116324065 |
| NCHAIN LICENSING<br>AG                                                                                                         | H04L 9/08, H04L 9/32                                                      | 40086397 | EP4136800   |
| NCHAIN LICENSING<br>AG                                                                                                         | G06Q 20/02, G06Q 20/06                                                    | 40086044 | EP4184404   |
| NCHAIN LICENSING<br>AG                                                                                                         | G06Q 20/36, G06F<br>21/30, G06Q 10/06,<br>H04W 4/00, G06F 21/60,          | 40086045 | EP4184410   |

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|                                                                             | G06F 21/74, G06Q 20/38, G06Q 20/40, H04L 9/40, H04W 4/70, G06Q 20/06, G06Q 20/30                                                                                                                                                                                            |          |             |
| NIKE Innovate C.V. 耐克创新有限合伙公司                                               | D04B 1/10, D04B 1/24                                                                                                                                                                                                                                                        | 40086032 | CN115573085 |
| NIKE Innovate C.V. 耐克创新有限合伙公司                                               | A43B 1/04, A43B 1/028, A43B 23/02, D04B 1/22                                                                                                                                                                                                                                | 40086034 | CN115568660 |
| NOVMETAPHARMA CO., LTD. 诺麦塔制药有限公司                                           | A61K 31/495                                                                                                                                                                                                                                                                 | 40086245 | CN115996724 |
| NURIX THERAPEUTICS, INC. 新锐思生物制药股份有限公司<br>GILEAD SCIENCES, INC. 吉联亚科学股份有限公司 | C07D 519/00, C07D 487/14, A61P 31/12, A61K 31/4188, A61K 31/427, A61K 38/53, A61P 35/00, A61P 37/02, C07D 471/04                                                                                                                                                            | 40086328 | CN115605488 |
| National University of Singapore                                            | C12N 5/0783, C12N 5/10, A61K 35/17, C07K 16/28, C12N 15/13                                                                                                                                                                                                                  | 40086170 | EP4134430   |
| NatureWise Biotech & Medicals Corporation 彦臣生技药品股份有限公司                      | A23L 33/10, A23L 33/115, A23L 33/105, A23L 21/20, A23L 11/00, A61K 35/644, A61K 36/8988, A61P 25/28, A61K 31/685                                                                                                                                                            | 40086134 | CN116268385 |
| Navitor Pharmaceuticals, Inc.                                               | C07D 307/33, C07F 7/08, C07C 237/30, C07C 237/12, C07C 237/06, C07C 233/83, C07C 233/63, C07C 233/49, C07C 233/40, C07D 257/04, C07C 229/28, C07C 229/12, C07C 229/18, C07C 229/20, A61K 38/00, C07C 311/06, A61K 45/06, C07C 311/13, A61K 31/198, A61K 31/223, A61K 31/275 | 40086108 | EP4112611   |
| Nelson Mandela University                                                   | A61M 16/20                                                                                                                                                                                                                                                                  | 40086028 | GB2612607   |
| Neolight LLC                                                                | A61N 5/06, A61F 7/08                                                                                                                                                                                                                                                        | 40086061 | EP4137202   |
| Nokia Technologies Oy                                                       | H04W 72/04, H04W 74/08                                                                                                                                                                                                                                                      | 40086295 | EP4151009   |
| Novartis AG                                                                 | C07K 16/28, A61K 39/395, A61P 35/02                                                                                                                                                                                                                                         | 40086210 | EP4192869   |

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| Novartis AG                                           | C07K 16/28, A61K 39/395, A61P 35/02                                             | 40086211 | EP4192870   |
| Numab Therapeutics AG                                 | A61K 39/395, C07K 16/28, C07K 16/30                                             | 40086377 | EP4157352   |
| ONCODESIGN PRECISION MEDICINE (OPM) 昂科迪塞恩精密医药公司 (OPM) | C07D 498/22, A61K 31/529, A61P 35/00                                            | 40086364 | CN115698020 |
| ORION CORPORATION                                     | C07D 405/04, C07D 231/12, C07D 231/14                                           | 40086363 | CN115605470 |
| Omeros Corporation University of Leicester            | C07K 16/18, C07K 16/40, A61K 39/00, A61K 45/06                                  | 40086049 | EP4119577   |
| Oxford BioMedica (UK) Limited                         | C12N 15/86                                                                      | 40086276 | EP4118217   |
| PARAGON WATER SYSTEMS, INC. 百諾肯淨水設備有限公司               | C02F 1/00, C02F 1/68                                                            | 40086145 | CN115925008 |
| PASCAL BOUDJEMA 帕斯卡尔·布杰马 WILLIAM R. RASSMAN 威廉·R·拉斯曼  | A61B 17/34                                                                      | 40086305 | CN115867215 |
| PEPTONIC MEDICAL AB 派普托尼克医药有限公司                       | A61K 9/00, A61K 9/06                                                            | 40086390 | CN115605183 |
| PFIZER INC. 辉瑞公司                                      | A61K 47/10                                                                      | 40086367 | CN115916260 |
| PROCEPT BioRobotics Corporation 普罗赛普特生物机器人公司          | A61B 1/31, A61B 34/00, A61B 46/10, A61B 46/20, A61B 46/00, A61B 8/12, A61F 5/37 | 40086118 | CN115568813 |
| Perfood GmbH                                          | G16H 20/60, G16H 50/20, G16H 50/70                                              | 40086261 | EP4136654   |
| Primewan Limited                                      | H04L 29/02                                                                      | 40086369 | EP4128680   |
| Principia Biopharma Inc.                              | C07D 471/04, C07D 473/34, A61K 31/437, A61K 31/52, A61P 35/00, A61P 37/00       | 40086068 | EP4112618   |
| QUALCOMM Incorporated 高通股份有限公司                        | H04L 5/00                                                                       | 40086168 | CN116015582 |
| Quantum-Si Incorporated                               | G01N 21/64, H01L 27/146, H01L 27/148                                            | 40086272 | EP4111178   |

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| Queensland University Of Technology                           | C08F 2/48, C08F 2/60, C08F 293/00, C09B 57/00, C09K 11/06, G01N 21/64, C09B 69/10                | 40086327 | EP4136126   |
| Quell Therapeutics Limited                                    | C07K 14/435, A61K 35/17, C07K 14/725                                                             | 40086387 | EP4204438   |
| Quell Therapeutics Limited King's College London              | C07K 14/705, A61P 1/16, A61P 9/10, A61P 13/12, A61P 25/28, C07K 14/725, C12N 5/0783              | 40086203 | EP4165069   |
| RAPT VENTURES, INC. 兰普特投资公司                                   | G09B 5/04                                                                                        | 40086231 | CN116057602 |
| RED BULL GMBH                                                 | C02F 1/76, C02F 103/32                                                                           | 40086071 | EP4112565   |
| ROCKWOOL A/S 洛科威有限公司                                          | D04H 1/4209, D04H 1/587, D04H 1/4218, D04H 1/64, C09J 161/10, C09J 11/08, C09J 11/06, F16L 59/14 | 40086107 | CN115637531 |
| RYNAN TECHNOLOGIES PTE. LTD.                                  | A01M 1/02, A01M 1/04, A01M 1/08, G01N 21/84, G06K 9/62, G06N 20/00, G06Q 30/06                   | 40086333 | EP4161258   |
| Rajax Network Technology (Shanghai) Co., Ltd. 拉扎斯网络科技(上海)有限公司 | G06Q 10/0832, G06Q 30/0601, G06F 3/04817, G06F 3/0482, G06F 3/04842                              | 40086137 | CN115907592 |
| Rajax Network Technology (Shanghai) Co., Ltd. 拉扎斯网络科技(上海)有限公司 | G06Q 30/0601                                                                                     | 40086139 | CN116245612 |
| Recurium IP Holdings, LLC                                     | A61K 31/496, A61K 31/519, A61K 31/5355, A61P 35/00                                               | 40086219 | EP4106760   |
| Recurium IP Holdings, LLC                                     | C07D 401/14, C07D 417/14, A61K 35/02, A61P 35/00                                                 | 40086220 | EP4107152   |
| Redwood Pharma AB                                             | A61K 9/00, A61P 27/04, A61K 9/06, A61K 47/10                                                     | 40086357 | EP4117622   |
| Regeneron Pharmaceuticals, Inc.                               | C12Q 1/6883, G01N 33/68, A61K 48/00                                                              | 40086234 | EP4114975   |
| Regeneron Pharmaceuticals, Inc.                               | A61F 9/00, A61M 5/46                                                                             | 40086325 | EP4196060   |
| Regeneron Pharmaceuticals, Inc.                               | A01K 67/027, A61K 48/00, C07K 14/47,                                                             | 40086204 | EP4099821   |

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|                                                                                                                                   | C12N 9/22, C12N 15/10,<br>C12N 15/11, C12N 15/90                                                               |          |             |
| Regents of the<br>University of<br>Minnesota 明尼苏达<br>大学董事会                                                                        | C12N 5/0783, C12N<br>5/0784, C12N 5/0786,<br>A61K 35/17, A61P<br>35/00, A61K 39/245,<br>A61K 45/06, A61P 31/22 | 40086176 | CN116376825 |
| Roventa-Henex SA                                                                                                                  | A44C 5/08, A44C 5/10,<br>A44C 5/24, A44C 5/04                                                                  | 40086054 | EP4154752   |
| SAREUM LIMITED 萨<br>勒姆有限公司                                                                                                        | A61P 29/00, A61K<br>31/541, A61P 37/00,<br>C07D 263/48                                                         | 40086278 | EP4132649   |
| SHANGHAI JUNSHI<br>BIOSCIENCES CO.,<br>LTD. 上海君實生物醫<br>藥科技股份有限公司<br>SUZHOU JUNMENG<br>BIOSCIENCES CO.,<br>LTD. 蘇州君盟生物醫<br>藥科技有限公司 | C12N 15/113, A61K<br>31/713, A61K 47/54,<br>A61P 3/06, A61P 3/10,<br>A61P 9/00, A61P 9/10,<br>A61P 13/12       | 40086048 | CN115572725 |
| SHENZHEN SHOKZ<br>CO., LTD.                                                                                                       | H04R 1/10, H04R 3/04,<br>G10K 11/178                                                                           | 40086106 | CN116156371 |
| SNIPR BIOME APS                                                                                                                   | A61K 38/46, A61P<br>31/00, A61P 31/04,<br>C12N 9/22, C12N 15/113                                               | 40086190 | GB2609346   |
| SONY GROUP<br>CORPORATION                                                                                                         | H04S 7/00                                                                                                      | 40086371 | CN116325809 |
| SPH SINE<br>PHARMACEUTICAL<br>LABORATORIES CO.,<br>LTD 上海上藥信誼藥廠<br>有限公司                                                           | A61K 35/745, A61K<br>45/06, A61K 35/00                                                                         | 40086346 | EP4112065   |
| SPH SINE<br>PHARMACEUTICAL<br>LABORATORIES CO.,<br>LTD 上海上藥信誼藥廠<br>有限公司                                                           | A61K 35/74, A61K<br>39/00, A61K 45/06,<br>A61P 35/00                                                           | 40086386 | EP4115893   |
| SUMITOMO OSAKA<br>CEMENT CO., LTD.<br>住友大阪水泥股份有限<br>公司                                                                            | C04B 7/52                                                                                                      | 40086222 | CN116249680 |
| SUZHOU CONNECT<br>BIOPHARMACEUTICAL<br>S LTD. 苏州康乃德生<br>物医药有限公司                                                                   | C07K 16/28, C12N<br>15/13, C12N 5/00, C12N<br>15/63, A61K 39/395,<br>A61P 37/00, A61P<br>35/00, G01N 33/53     | 40086217 | CN115515979 |
| SYZ CELL THERAPY<br>CO. 深圳源正细胞医疗<br>技术有限公司                                                                                        | A61K 39/00, A61K<br>35/17, A61K 35/15,<br>A61P 35/00                                                           | 40086052 | CN115607659 |
| Seagen Inc.                                                                                                                       | C12Q 1/6886                                                                                                    | 40086263 | EP4118237   |

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| Shanghai Construction No.1 (Group) Co., Ltd.<br>上海建工一建集團有限公司   | E04G 23/06, E02D 5/34                                                  | 40086167 | CN115788106 |
| Shenzhen Bestqi Innovation Technology Co., Ltd. 深圳市倍思奇創新科技有限公司 | F16M 13/02, F16M 11/04, F16M 11/08, F16M 11/10, F16M 11/16, F16M 11/18 | 40086124 | CN116255548 |
| Shenzhen Shokz Co., Ltd 深圳市韶音科技有限公司                            | H04R 25/00                                                             | 40086140 | CN116347312 |
| Siemens Mobility GmbH 西門子交通有限公司                                | G06V 20/58, B61L 23/04                                                 | 40086125 | CN115690721 |
| Sironax Ltd.                                                   | A61K 31/16, C07D 401/12, C07C 211/55, A61P 35/00                       | 40086262 | EP4114375   |
| SuperSonic Imagine                                             | A61B 8/08, G01S 7/52, G01S 15/10, G01S 15/89                           | 40086069 | EP4173572   |
| TAI FUNG SECURITIES LIMITED 大豐證券有限公司                           | G06F 9/46, G06F 9/54                                                   | 40086062 | CN116126480 |
| TAI FUNG SECURITIES LIMITED 大豐證券有限公司                           | H04L 67/104, H04L 67/60                                                | 40086063 | CN116137627 |
| TAI FUNG SECURITIES LIMITED 大豐證券有限公司                           | H04L 9/32, H04L 9/40, H04L 67/1097, H04L 67/1095                       | 40086064 | CN116055051 |
| TAI FUNG SECURITIES LIMITED 大豐證券有限公司                           | G06F 16/27, G06F 16/22, G06F 16/28, G06F 16/242, G06F 16/2455          | 40086066 | CN116166741 |
| TAI FUNG SECURITIES LIMITED 大豐證券有限公司                           | H04L 9/32, H04L 9/40, G06F 21/62, G06F 21/64                           | 40086067 | CN116192394 |
| TAKEDA PHARMACEUTICAL COMPANY LIMITED                          | C12N 9/64                                                              | 40086244 | EP4127158   |
| TAKEDA PHARMACEUTICAL COMPANY LIMITED                          | C07K 16/06, C07K 16/18, A61K 39/395                                    | 40086251 | EP4126930   |

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| TENCENT AMERICA<br>LLC 腾讯美国有限责任<br>公司                                      | H04N 19/423, H04N<br>19/52, H04N 19/149,<br>H04N 19/96                                                | 40086081 | CN116156197 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | G06F 16/9535, G06F<br>16/906, G06F 18/22                                                              | 40086110 | CN116150464 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | G06Q 30/0601, G06F<br>17/16                                                                           | 40086111 | CN116109370 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | A63F 13/577, G06F<br>16/901                                                                           | 40086148 | CN116036604 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | A63F 13/577, A63F<br>13/56                                                                            | 40086150 | CN116036603 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | H04L 47/125, H04L<br>47/2425, H04L 47/25                                                              | 40086151 | CN116170379 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | G06F 9/50, G06F 9/48,<br>G06F 16/27, G06F<br>16/242                                                   | 40086152 | CN116048817 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | H04N 19/103, H04N<br>19/172, H04N 19/187,<br>H04N 19/30                                               | 40086157 | CN116170582 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公<br>司 | H04N 21/232, H04N<br>21/234, H04N 21/2343,<br>H04N 21/432, H04N<br>21/44, H04N 21/4402,<br>G06F 18/22 | 40086158 | CN116095359 |

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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 11/30, G06F 11/32                                                                                   | 40086159 | CN116185754 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | H04L 47/11, H04L 47/27                                                                                   | 40086160 | CN116155811 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | H04L 9/30, H04L 9/06,<br>H04L 9/00, H04L 9/40,<br>G06N 20/00                                             | 40086161 | CN116112171 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 16/901, G06F<br>16/903, G06F 16/9035                                                                | 40086162 | CN116150431 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | H04L 67/1095, H04L<br>9/32, H04L 9/40                                                                    | 40086171 | CN116112508 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | H04L 9/32                                                                                                | 40086172 | CN116055052 |
| THE HONG KONG<br>POLYTECHNIC<br>UNIVERSITY 香港理<br>工大學                  | B01D 39/16                                                                                               | 40086347 | CN116322932 |
| THE HONG KONG<br>UNIVERSITY OF<br>SCIENCE AND<br>TECHNOLOGY 香港科<br>技大學 | C08L 29/04, G09F 9/30,<br>G09F 9/00, C08L 79/02,<br>C08L 79/00, C08L<br>39/06, C09D 5/14, C09D<br>133/04 | 40086129 | CN116265524 |
| THE HONG KONG<br>UNIVERSITY OF<br>SCIENCE AND<br>TECHNOLOGY 香港科<br>技大學 | C08L 23/06                                                                                               | 40086318 | CN116261579 |

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| THE REGENTS OF<br>THE UNIVERSITY OF<br>CALIFORNIA 加利福<br>尼亚大学董事会           | C07K 14/195, C12Q<br>1/34, C12N 9/22, A61K<br>38/46                                                                                | 40086212 | CN115698041 |
| THE REGENTS OF<br>THE UNIVERSITY OF<br>CALIFORNIA 加利福<br>尼亚大学董事会           | C07D 471/04, A61K<br>8/49, A61Q 7/00, A61K<br>31/437, A61P 17/14                                                                   | 40086070 | CN116120314 |
| THE SCRIPPS<br>RESEARCH<br>INSTITUTE                                       | C07D 235/30, C07D<br>401/12, C07D 403/12,<br>C07D 471/04, C07D<br>403/14, C07D 405/12,<br>A61P 29/00, A61K<br>31/4168, C07D 413/14 | 40086336 | EP4110764   |
| THE TRUSTEES OF<br>THE UNIVERSITY OF<br>PENNSYLVANIA                       | C12N 15/864, C12N<br>15/12                                                                                                         | 40086178 | CN115976105 |
| TOMO CO., LTD. 株<br>式会社朋                                                   | A61B 1/00                                                                                                                          | 40086334 | CN116261418 |
| TOYOX CO., LTD.<br>東洋克斯株式會社                                                | A61M 1/14                                                                                                                          | 40086214 | CN116075327 |
| TSINGHUA<br>UNIVERSITY                                                     | D01F 8/10, D01F 11/06,<br>D01F 6/28                                                                                                | 40086132 | CN115652474 |
| TVU NETWORKS<br>CORPORATION 通维数<br>码公司                                     | H04N 21/235, H04N<br>21/232, H04N 21/2343,<br>H04N 21/258, H04N<br>21/435, H04N 21/4788,<br>H04N 21/81, G06F<br>16/738, H04N 5/76  | 40086030 | CN115883885 |
| Talis Biomedical<br>Corporation 达丽斯<br>生物医学公司                              | B01F 33/453, B01F<br>21/10, C12M 1/02, B01F<br>101/44                                                                              | 40086123 | CN115569580 |
| Tectonic Audio<br>Labs, Inc. 构造音<br>频实验室有限公司                               | H04R 1/28, H04R 1/00,<br>H04R 9/02, H04R 31/00                                                                                     | 40086280 | EP4158906   |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06F 16/9535, G06N<br>3/044, G06N 3/045,<br>G06N 3/047, G06N<br>3/084, G06N 3/0464                                                 | 40086074 | CN116150471 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06Q 30/0242                                                                                                                       | 40086075 | CN116051186 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited                     | G06T 7/13, G06T 7/181,<br>G06V 10/44                                                                                               | 40086076 | CN116051585 |

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited G01S 19/41, G01S 19/42 40086077 CN116125507

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited A63F 13/54, A63F 13/25, A63F 13/77 40086078 CN116036591

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited H04N 21/234, H04N 21/44, H04N 19/44, H04N 19/597 40086079 CN116137664

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited H04N 19/176, H04N 19/13, H04N 19/61, H04N 19/70 40086080 CN116095329

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited H04W 74/02, H04W 74/00 40086082 CN116074972

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited G06Q 30/0251 40086083 CN116091133

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited G06V 30/244, G06V 30/224, G06V 30/16 40086084 CN116152829

騰訊科技(深圳)有限公司

Tencent Technology (Shenzhen) Company Limited H04L 51/52, H04M 1/7243, G06F 16/683 40086085 CN116137617

騰訊科技(深圳)有限公司

|                                                               |                                                                                      |          |             |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 16/9535, G06F 16/9538, G06F 18/22, G06N 3/04, G06N 3/08                         | 40086086 | CN116150469 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06V 30/24, G06V 30/148, G06V 30/16                                                  | 40086088 | CN116092094 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 18/2433, G06F 18/23, G06F 16/901, G06F 16/903, G06Q 20/40                       | 40086089 | CN116150691 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06V 10/22, G06V 10/44, G06V 10/764, G06V 10/82, G06V 10/80, G06N 3/0464, G06N 3/047 | 40086090 | CN116091755 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 3/06                                                                            | 40086091 | CN116126209 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06Q 30/0251, G06Q 30/0241, G06F 16/9535, G06N 20/00                                 | 40086092 | CN116188080 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | H04L 45/00, H04L 12/66, H04L 67/10                                                   | 40086093 | CN116132349 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 9/451, G06Q 10/101                                                              | 40086094 | CN116107670 |
| Tencent Technology (Shenzhen) Company Limited                 | G06F 21/72, G06N 20/20                                                               | 40086095 | CN116049909 |

## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 40/151, G06F 8/41 | 40086096 | CN116167341 |
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## 騰訊科技(深圳)有限公司

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|-----------------------------------------------|------------------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited | G06F 16/75, G06F 16/783, G06N 3/045, G06N 3/08 | 40086097 | CN116089651 |
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## 騰訊科技(深圳)有限公司

|                                               |                        |          |             |
|-----------------------------------------------|------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited | G06Q 20/38, G11B 20/10 | 40086098 | CN116151821 |
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## 騰訊科技(深圳)有限公司

|                                               |                                                   |          |             |
|-----------------------------------------------|---------------------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited | G06Q 20/40, G06Q 20/10, G06F 3/0481, G06F 3/04842 | 40086099 | CN116136996 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06Q 20/40 | 40086100 | CN116188013 |
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## 騰訊科技(深圳)有限公司

|                                               |                                                                                     |          |             |
|-----------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited | G06F 16/35, G06F 16/33, G06F 40/30, G06N 3/0475, G06N 3/047, G06N 3/0455, G06N 3/08 | 40086101 | CN116166794 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G10L 21/038, G10L 25/27 | 40086102 | CN116110424 |
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## 騰訊科技(深圳)有限公司

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|-----------------------------------------------|--------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited | G06F 16/9535, G06N 3/0499, G06N 3/08 | 40086103 | CN116150470 |
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## 騰訊科技(深圳)有限公司

|                    |                                        |          |             |
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| Tencent Technology | G06T 5/50, G06T 3/40, G06V 20/70, G06V | 40086104 | CN116109531 |
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| (Shenzhen)<br>Company Limited<br>騰訊科技(深圳)有限公司                           | 10/764, G06V 10/82,<br>G06N 3/0464, G06N<br>3/047, G06N 3/08                                  |          |             |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>騰訊科技(深圳)有限公司  | G06F 16/9537, G06F<br>16/9538                                                                 | 40086105 | CN116166893 |
| The Board of<br>Trustees of the<br>Leland Stanford<br>Junior University | C12Q 1/6886                                                                                   | 40086248 | EP4110957   |
| The Board of<br>Trustees of the<br>Leland Stanford<br>Junior University | A61K 45/06, C12Q 1/30,<br>A61K 31/711, A61K<br>38/44                                          | 40086293 | EP4110397   |
| The Regents of<br>the University of<br>California                       | C12N 15/10, C12N<br>15/11, C12Q 1/68, C12Q<br>1/6806, C12Q 1/6844,<br>C12Q 1/6869             | 40086238 | EP4107262   |
| The Seaberg<br>Company, Inc.                                            | A61B 17/34, A61M 5/32,<br>A61M 5/42, A61M 5/46                                                | 40086223 | EP4110206   |
| The Trustees For<br>The Time-Being Of<br>The KMN<br>Fulfilment Trust    | H02K 16/04, H02K<br>21/14, H02K 19/24,<br>H02K 19/20, H02K<br>21/16, H02K 21/12,<br>H02K 1/27 | 40086202 | EP4150748   |
| The Trustees Of<br>Columbia<br>University In The<br>City Of New York    | A61K 47/62, A61K<br>51/06, A61P 35/00,<br>A61K 49/00                                          | 40086310 | EP4196167   |
| The University of<br>North Carolina at<br>Chapel Hill                   | C07K 14/005, C12N<br>15/86, A61K 48/00                                                        | 40086277 | EP4107169   |
| Third Equation<br>Ltd                                                   | H01F 29/00, H02M 7/00,<br>H02M 1/00                                                           | 40086361 | EP4118668   |
| Transimmune AG<br>Yale University                                       | A61K 35/15, C12N<br>5/0784, C12N 5/0786                                                       | 40086033 | EP4159222   |
| UNIGEN, INC.                                                            | A61K 36/21, A61K<br>36/9062, A61K 36/67,<br>A61K 36/575, A61P<br>19/02, A61K 31/00            | 40086227 | CN115515614 |
| UNIVERSAL CITY<br>STUDIOS LLC                                           | A63G 3/02, A63G 3/00                                                                          | 40086225 | CN115515693 |
| UNIVERSITY OF<br>MARYLAND, COLLEGE<br>PARK 马里兰大学帕克<br>分校                | D21H 11/18, D21C 9/00,<br>D21D 1/30                                                           | 40086297 | CN115698426 |

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|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| UNIVERSITY OF<br>MARYLAND, COLLEGE<br>PARK 马里兰大学派克<br>分院           | C08B 3/06, C08B 3/20,<br>C08L 23/06, C08L 25/06                                                                                                                                                    | 40086287 | CN115698091 |
| UPKARA, INC.                                                       | A01N 1/02, C12N 15/10                                                                                                                                                                              | 40086329 | EP4110051   |
| Universidad de<br>Guadalajara                                      | A61K 47/59, A61K<br>31/704, A61K 31/282,<br>A61K 45/08, A61K<br>41/00, A61K 9/51, A61P<br>35/00, B82Y 5/00                                                                                         | 40086039 | EP4101471   |
| University Health<br>Network                                       | C12N 5/10, A61K<br>31/7088, A61K 31/7105,<br>A61K 35/17, A61K<br>38/46, A61P 35/00,<br>A61P 37/02, C07K<br>19/00, C12N 15/113,<br>C12N 15/54, C12N<br>15/62, C12N 15/63,<br>C12N 5/0783, C12N 9/22 | 40086309 | EP4133059   |
| VIAVI SOLUTIONS<br>INC. VIAVI 科技有限<br>公司                           | G02B 6/122, G02B<br>6/132, G02F 1/365                                                                                                                                                              | 40086131 | CN116088092 |
| VIAVI SOLUTIONS<br>INC. VIAVI 科技有限<br>公司                           | B42D 25/00, B32B 3/30,<br>B32B 33/00                                                                                                                                                               | 40086141 | CN116135546 |
| Valneva Austria<br>GmbH 瓦尔尼瓦奥地利<br>有限责任公司<br>Pfizer Inc. 辉瑞大<br>药厂 | C07K 14/20, A61K<br>39/02, A61P 31/00,<br>A61P 31/04                                                                                                                                               | 40086294 | CN115698044 |
| Vernacare Limited                                                  | A47K 1/02, A61J 1/22,<br>G01F 19/00                                                                                                                                                                | 40086053 | GB2608198   |
| Vivo Mobile<br>Communication<br>Co., Ltd. 维沃移动<br>通信有限公司           | H04L 5/00                                                                                                                                                                                          | 40086322 | EP4123942   |
| Volkmar Junge<br>Sebastian Jung                                    | B60L 53/60                                                                                                                                                                                         | 40086359 | EP4114683   |
| WESTROCK<br>PACKAGING<br>SYSTEMS, LLC                              | B65D 71/50                                                                                                                                                                                         | 40086240 | CN115515862 |
| WI-TRONIX, LLC 外<br>托尼克斯有限公司                                       | G06F 11/00                                                                                                                                                                                         | 40086306 | CN116171427 |
| WINNOX<br>COSMECEUTICS SDN.<br>BHD. 威诺药妆私人有<br>限公司                 | A61K 31/56, A61K<br>9/107, A61P 17/00,<br>A61P 17/10, A61K 8/63,<br>A61Q 19/00, A61K<br>36/324                                                                                                     | 40086288 | CN116234554 |

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|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| WestRock Packaging Systems, LLC                                                                                            | B65D 71/40                                                                                                                                | 40086260 | EP4107087   |
| Win Therapeutics, Inc.<br>Invenra, Inc.<br>Wisconsin Alumni Research Foundation                                            | A61K 39/00, C07K 16/28, C07K 16/46                                                                                                        | 40086302 | EP4106805   |
| Wuhan Neurophth Biotechnology Limited Company                                                                              | C12N 15/12, C12N 15/63, A61K 48/00, A61P 27/02, A61P 25/00                                                                                | 40086320 | EP4163375   |
| XWPHARMA LTD. 凯瑞康宁生物工程有限公司<br>XIANG, Jia-Ning<br>向家宁                                                                       | C07C 53/18, C07C 55/07, C07C 227/16, C07C 269/06, C07C 309/29, C07C 229/08, C07C 271/22                                                   | 40086199 | CN115244028 |
| YUHAN CORPORATION<br>株式会社柳韩洋行                                                                                              | C07K 19/00, C12N 15/62, A61K 38/18, A61K 38/26, A61K 47/68, A61P 1/16, A61P 29/00, A61P 3/04, A61P 3/06, A61P 3/10, A61P 43/00, A61P 9/00 | 40086042 | CN115925979 |
| ZHEJIANG KOUBEI NETWORK TECHNOLOGY CO., LTD. 浙江口碑网络技术有限公司<br>Rajax Network Technology (Shanghai) Co., Ltd. 拉扎斯网络科技(上海)有限公司 | G06Q 10/0835                                                                                                                              | 40086138 | CN115965317 |
| Zymeworks BC Inc.                                                                                                          | A61K 47/68, A61P 35/00, C07K 14/54, C07K 16/00, C07K 19/00, C07K 7/06, C12N 15/62, C12P 21/02                                             | 40086291 | EP4126972   |
| iTeos Belgium SA                                                                                                           | C07D 497/14, A61K 31/519, A61P 35/00                                                                                                      | 40086122 | EP4112623   |
| immatics US, Inc.                                                                                                          | C12N 5/0783, C07K 14/725, A61K 35/17, A61K 31/663                                                                                         | 40086304 | EP4110901   |
| nCipher Security Limited                                                                                                   | G06F 16/18                                                                                                                                | 40086206 | EP4133379   |
| uniQure biopharma B.V.                                                                                                     | C12N 5/07, C12N 15/87                                                                                                                     | 40086381 | EP4127135   |
| 云南雷允上理想药业有限公司                                                                                                              | G01N 30/02, G01N 30/06, G01N 30/12, G01N 30/14, G01N 30/34, G01N 30/74                                                                    | 40086109 | CN115541773 |

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|------------------|--------------------------------------------------------------------------------------------------------------|----------|-------------|
| 北京三元食品股份有限公司     | A23C 9/13                                                                                                    | 40086155 | CN115886073 |
| 北京三元食品股份有限公司     | G01N 30/02, G01N 30/72                                                                                       | 40086156 | CN116124949 |
| 北京新源智慧水务科技有限公司   | C02F 1/04, F22B 27/00, F25B 30/00                                                                            | 40086154 | CN115818751 |
| 宁波用躬科技有限公司       | E21D 9/11                                                                                                    | 40086163 | CN115584988 |
| 广州燃石医学检验有限公司     | C12N 5/09, C12N 5/0781, C12N 15/70, C12Q 1/6886, C12Q 1/6869, C12R 1/91                                      | 40086136 | CN115896027 |
| 新景智源生物科技(苏州)有限公司 | C07K 14/725, C12N 15/12, C07K 19/00, C12N 5/10, A61K 39/00, A61P 35/00, A61P 35/02, G01N 33/573, G01N 33/574 | 40086029 | CN115960204 |
| 深圳市勃新生物科技有限公司    | A01K 67/027                                                                                                  | 40086175 | CN116114658 |
| 纳昂达(南京)生物科技有限公司  | C12N 15/11, C12Q 1/6806, C12Q 1/6886, G16B 25/20                                                             | 40086055 | CN116083423 |
| 艾比瑪特醫藥科技(上海)有限公司 | C07K 16/28, C12N 15/13, C12P 21/02, A61K 39/395, A61P 35/00                                                  | 40086174 | CN116284394 |



香港特別行政區政府知識產權署專利註冊處

The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department**根據專利條例第 27 條發表批予轉錄標準專利****Granted Standard Patents (R) published under section 27 of the Patents Ordinance****1. 按國際專利分類排列****Arranged by International Patent Classification****40003317 - 40083086**

|      |                                                                                                             |      |              |
|------|-------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | A01N 25/00                                                                                                  | [11] | 40048143     |
|      | A01N 25/30                                                                                                  |      | EP3790653 B1 |
|      | C08K 5/05                                                                                                   |      |              |
|      | C11D 3/00                                                                                                   |      |              |
|      | C11D 1/02                                                                                                   |      |              |
|      | C11D 1/38                                                                                                   |      |              |
|      | C11D 1/66                                                                                                   |      |              |
|      | C11D 1/94                                                                                                   |      |              |
|      | C11D 1/72                                                                                                   |      |              |
|      | C05G 3/50                                                                                                   |      |              |
|      | C05G 3/70                                                                                                   |      |              |
|      | C09K 23/38                                                                                                  |      |              |
|      |                                                                                                             | [13] | B            |
| [25] | EN                                                                                                          |      |              |
| [21] | 62021038001.5                                                                                               | [22] | 02.09.2021   |
| [86] | 17.07.2018 PCT/AU2018/050750                                                                                |      |              |
| [87] | 14.11.2019 WO2019/213688                                                                                    |      |              |
| [30] | 07.05.2018 AU,2018901549                                                                                    |      |              |
| [54] | NOVEL WETTING COMPOSITION<br>新的潤濕組合物                                                                        |      |              |
| [73] | Advanced Wetting Technologies Pty Ltd<br>44 Long Point Street<br>Potato Point NSW 2545<br>AUSTRALIA         |      |              |
| [72] | ROBERTS, Raymond John                                                                                       |      |              |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED<br>22/F, Great Eagle Centre, 23 Harbour Road<br>Wanchai<br>HONG KONG |      |              |

[51] A01N 25/16 [11] 40016662  
A01N 25/30 CN111050549 B  
[13] B

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[51] A01N 25/30 [11] 40016662  
A61K 47/10 CN111050549 B  
A61K 8/90  
A01P 1/00  
A01N 25/16  
[13] B

[25] ZH

[21] 62020006655.8 [22] 28.04.2020

[86] 26.09.2018 PCT/US2018/052946

[87] 04.04.2019 WO2019/067608

[30] 27.09.2017 US, 62/564,122

[54] USE OF EO/PO BLOCK COPOLYMER SURFACTANT FOR CONTROLLING  
VISCOELASTICITY IN HIGHLY CONCENTRATED LIQUID FORMULATIONS  
使用 EO/PO 嵌段共聚物表面活性劑控制高濃縮液體製劑的粘彈性

[73] ECOLAB USA INC.  
埃科萊布美國股份有限公司  
1 Ecolab Place  
Saint Paul, Minnesota 55102  
UNITED STATES OF AMERICA

[72] MAN, Victor Fuk-Pong V·F·P·馬恩  
ANDERSON, Derrick Richard D·R·安德森  
BLATTNER, Amanda R. A·R·布拉特納

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG

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[51] A01N 25/30 [11] 40048143  
A01N 25/00 EP3790653 B1  
[13] B

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[51] A01P 1/00 [11] 40016662  
A01N 25/30 CN111050549 B  
[13] B

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|      |                                                                                                                                                                       |      |                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A23L 27/60<br>A23L 29/30<br>A23L 3/3508<br>C12J 1/00                                                                                                                  | [11] | 40008105<br>CN109788792 B |
|      |                                                                                                                                                                       | [13] | B                         |
| [25] | ZH                                                                                                                                                                    |      |                           |
| [21] | 19131423.6                                                                                                                                                            | [22] | 24.10.2019                |
| [86] | 12.09.2017 PCT/KR2017/009982                                                                                                                                          |      |                           |
| [87] | 12.04.2018 WO2018/066825                                                                                                                                              |      |                           |
| [30] | 06.10.2016 KR,10-2016-0129260                                                                                                                                         |      |                           |
| [54] | TOMATO KETCHUP WITH IMPROVED STORAGE STABILITY<br>具有提高的儲存穩定性的番茄醬                                                                                                      |      |                           |
| [73] | CJ CHEILJEDANG CORPORATION<br>CJ 第一製糖株式會社<br>CJ Cheiljedang Center<br>330, Dongho-ro, Jung-gu, Seoul 04560<br>REPUBLIC OF KOREA                                       |      |                           |
| [72] | LEE, In 李仁<br>PARK, Seung Won 朴承源<br>BYUN, Sung Bae 邊成倍<br>SHIM, Dong Seok 沈東錫<br>JUNG, Dong Chul 鄭東澈<br>CHOI, Jong Min 崔鐘珉                                           |      |                           |
| [74] | YOU YI INTERNATIONAL INTELLECTUAL PROPERTY SERVICES LIMITED<br>Suite 1602, 16/F, Tower 1, China Hong Kong City<br>33 Canton Road, Tsim Sha Tsui, Kowloon<br>HONG KONG |      |                           |

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|------|--------------------------|------|---------------------------|
| [51] | A23L 29/30<br>A23L 27/60 | [11] | 40008105<br>CN109788792 B |
|      |                          | [13] | B                         |

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|------|---------------------------|------|---------------------------|
| [51] | A23L 3/3508<br>A23L 27/60 | [11] | 40008105<br>CN109788792 B |
|      |                           | [13] | B                         |

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|------|---------------------------------------------------------|------|---------------------------|
| [51] | A23L 33/105<br>A23L 33/135<br>A23P 10/40<br>A61K 31/352 | [11] | 40019832<br>CN110636760 B |
|      |                                                         | [13] | B                         |
| [25] | ZH                                                      |      |                           |

[21] 62020009432.9 [22] 16.06.2020

[86] 27.10.2016 PCT/US2016/059226

[87] 03.05.2018 WO2018/080510

[54] INTESTINAL HEALTH PROMOTING COMPOSITIONS  
腸道健康促進組合物

[73] NSE PRODUCTS, INC.  
NSE 产品公司  
One Nu Skin Plaza, 75 West Center,  
Provo, Utah 84601  
UNITED STATES OF AMERICA

[72] MASTALLOUDIS, Angela A·玛斯塔咯迪斯  
WOOD, Steven M. S·M·伍德  
HESTER, Shelly S·赫斯特

[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.  
Flat B, 38/F, South Tower 3, Phase 2, Residence Bal-Air  
HONG KONG

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[51] A23L 33/135 [11] 40019832  
A23L 33/105 CN110636760 B

[13] B

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[51] A23L 33/22 [11] 40056004  
A23L 5/00 EP3915395 B1

[13] B

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[51] A23L 5/00 [11] 40056004  
A23L 33/22 EP3915395 B1

[13] B

[25] EN

[21] 62021044963.8 [22] 20.12.2021

[86] 19.03.2020 PCT/JP2020/012218

[87] 11.02.2021 WO2021/024543

[30] 05.08.2019 JP,2019-143723

[54] POWDERY FOOD CONTAINING EDIBLE PLANT, AND FOOD/DRINK  
CONTAINING SAME  
含有可食植物的粉狀食品，以及含有其的食品或飲料

[73] MIZKAN HOLDINGS CO., LTD.  
株式会社 Mizkan Holdings  
6 Nakamura-cho 2-chome, Handa-shi  
Aichi 475-8585  
JAPAN

[72] Manabu KONISHI 小西学  
Junichiro IHARA 井原淳一郎

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Unit 2301, 23/F, Golden Centre  
188 Des Voeux Road Central  
HONG KONG

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[51] A23P 10/40 [11] 40019832  
A23L 33/105 CN110636760 B

[13] B

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[51] A45D 34/00 [11] 40005570  
CN109451723 B

[13] B

[25] ZH

[21] 19129000.6 [22] 02.09.2019

[86] 03.05.2017 PCT/US2017/030806

[87] 11.01.2018 WO2018/009266

[30] 05.07.2016 US,62/358,213

[54] SYSTEM OF PERSONAL CARE PRODUCTS FOR HUMAN DEVELOPMENTAL  
STAGES

用於人發育階段的個人護理產品的系統

[73] Johnson & Johnson Consumer Inc.  
199 Grandview Road, Skillman, NJ 08558  
UNITED STATES OF AMERICA

[72] P·波納  
J·尼古羅夫斯基  
H·瓦吉赫  
S·奧爾瓦拉杜  
H·祖尼諾  
M·烏瑞斯塔卡丹那斯

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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[51] A45D 34/02 [11] 40075068  
B05B 11/00 CN114513974 B  
B05B 15/30  
B65D 83/64  
B65D 83/32

B65D 83/14

B65D 47/34

[13] B

[25] ZH

[21] 62022063827.9 [22] 15.11.2022

[86] 25.06.2020 PCT/US2020/039711

[87] 30.12.2020 WO2020/264226

[30] 26.06.2019 US,16/453554

[54] SAMPLE PUMP DEVICE FOR INSERTION INTO PRINTED CIRCULARS  
用於插入印刷廣告傳單的樣品泵裝置[73] ELC MANAGEMENT LLC  
155 PINELAWN ROAD  
SUITE 345 SOUTH, MELVILLE, NY 11747  
UNITED STATES OF AMERICA[72] BOUIX, Herve F.  
JACOB, Christophe  
CORBELLINI, Francis[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG[51] A61B 17/00 [11] 40013432  
A61B 17/04 CN110730633 B  
A61B 17/064  
A61B 17/08  
A61F 2/24

[13] B

[25] ZH

[21] 62020002961.4 [22] 19.02.2020

[86] 03.04.2018 PCT/US2018/025971

[87] 11.10.2018 WO2018/187390

[30] 05.04.2017 US,62/481,846

22.05.2017 US,62/509,587

13.09.2017 US,62/558,315

[54] IMPLANTATIONAL COMPONENTS OF TRANSCATHETER ATRIAL SEALING  
SKIRT, ANCHOR AND TETHER  
經導管的瓣膜、錨固件、繫繩的植入組件[73] OPUS MEDICAL THERAPIES, LLC  
欧普斯医疗疗法有限公司  
1252 Swims Valley Drive, Atlanta  
GA 30327  
UNITED STATES OF AMERICA  
美國

乔治亚州  
亚特兰大市

- [72] RAJAGOPAL, Vivek 维维克·拉海葛保  
SARABIA, Jaime, Eduardo 杰米·爱德华多·萨拉比亚  
LIAO, Yenchin 延钦·廖
- [74] 香港商標 & 設計代理有限公司  
香港  
灣仔告士打道 72 號  
六國中心 6 樓

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- [51] A61B 17/00 [11] 40015236  
A61B 17/04 CN110799102 B  
A61B 17/064  
A61B 17/08  
A61F 2/24  
[13] B
- [25] ZH
- [21] 62020004795.4 [22] 24.03.2020
- [86] 04.04.2018 PCT/US2018/026118
- [87] 11.10.2018 WO2018/187495
- [30] 05.04.2017 US, 62/481,846  
22.05.2017 US, 62/509,587  
13.09.2017 US, 62/558,315  
03.04.2018 US, 15/943,792
- [54] IMPLANTATIONAL COMPONENTS OF TRANSCATHETER ATRIAL SEALING  
SKIRT, ANCHOR AND TETHER  
經導管的心房密封裙部、錨固件、繫繩的植入組件
- [73] OPUS MEDICAL THERAPIES, LLC  
欧普斯医疗疗法有限公司  
1252 Swims Valley Drive  
Atlanta, GA 30327  
UNITED STATES OF AMERICA  
美國  
乔治亚州  
亚特兰大市
- [72] RAJAGOPAL, Vivek 维维克·拉海葛保  
SARABIA, Jaime, Eduardo 杰米·爱德华多·萨拉比亚  
LIAO, Yenchin 延钦·廖
- [74] 香港商標 & 設計代理有限公司  
香港  
灣仔告士打道 72 號  
六國中心 6 樓
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| [51] | A61B 17/04 | [11] | 40013432      |
|      | A61B 17/00 |      | CN110730633 B |
|      |            | [13] | B             |

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| [51] | A61B 17/04 | [11] | 40015236      |
|      | A61B 17/00 |      | CN110799102 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61B 17/064 | [11] | 40013432      |
|      | A61B 17/00  |      | CN110730633 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61B 17/064 | [11] | 40015236      |
|      | A61B 17/00  |      | CN110799102 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61B 17/08 | [11] | 40013432      |
|      | A61B 17/00 |      | CN110730633 B |
|      |            | [13] | B             |

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| [51] | A61B 17/08 | [11] | 40015236      |
|      | A61B 17/00 |      | CN110799102 B |
|      |            | [13] | B             |

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| [51] | A61B 18/00 | [11] | 40014321      |
|      |            |      | CN110381869 B |
|      |            | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62020003322.8 | [22] | 26.02.2020 |
|------|---------------|------|------------|

[86] 06.03.2018 PCT/US2018/021186

[87] 13.09.2018 WO2018/165184

[30] 06.03.2017 US, 62/467,739

24.10.2017 US, 62/576,213

[54] ULTRAPOLAR ELECTROSURGERY BLADE AND ULTRAPOLAR ELECTROSURGERY  
BLADE ASSEMBLY WITH CONDUCTIVE CUTTING EDGES AND TOP AND

## BOTTOM CONDUCTIVE SURFACES

超極性電外科刀片以及具有導電切割刀與頂部導電表面和底部導電表面的超極性電外科刀片組件

[73] I.C. MEDICAL, INC.

I·C·醫療股份有限公司

2340 W. Shangri La Road

Phoenix, Arizona 85029

UNITED STATES OF AMERICA

[72] 伊恩·考斯麥斯庫

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE

Unit F, 20th Floor, Neich Tower

128 Gloucester Road

HONG KONG

[51] A61B 5/00

A61B 5/16

[11] 40066362

CN114027842 B

[13] B

[51] A61B 5/00

G01N 21/25

[11] 40019747

CN110573064 B

[13] B

[25] ZH

[21] 62020009255.4

[22] 15.06.2020

[86] 22.03.2018 PCT/US2018/023856

[87] 27.09.2018 WO2018/175787

[30] 22.03.2017 US,62/475059

[54] SYSTEMS AND METHODS FOR ASSESSING DIABETIC CIRCULATORY  
COMPLICATIONS

用於評價糖尿病循環併發症的系統和方法

[73] MODULATED IMAGING, INC.

17151 GILLETTE AVENUE

IRVINE, CA 92614

UNITED STATES OF AMERICA

[72] CUCCIA, David

MAZHAR, Amaan

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

22/F, Great Eagle Centre, 23 Harbour Road

Wanchai

HONG KONG

[51] A61B 5/0205

A61B 5/16

[11] 40066362

CN114027842 B

[13] B

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[51] A61B 5/055 [11] 40068250  
A61B 6/04 EP3996596 B1

[13] B

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[51] A61B 5/06 [11] 40027994  
A61B 5/283 EP3636149 B1

[13] B

[25] EN

[21] 42020018065.1 [22] 14.10.2020

[30] 20.02.2015 US,201562119089 P

[54] MEDICAL DEVICE POSITION LOCATION SYSTEMS, DEVICES AND METHODS  
醫療設備位置定位系統，設備和方法[73] Teleflex Life Sciences Limited  
171, Old Bakery Street  
Valletta VLT, 1455  
MALTA[72] NELSON, Peter E.  
ZELLERS, Robert D.  
HENRY, Charles W.[74] NORTON ROSE FULBRIGHT HONG KONG  
38/F Jardine House, 1 Connaught Place  
Central  
HONG KONG

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[51] A61B 5/16 [11] 40066362  
A61B 5/318 CN114027842 B  
A61B 5/0205  
A61B 5/00

[13] B

[25] ZH

[21] 42022055120.4 [22] 14.06.2022

[54] SYSTEM, METHOD AND DEVICES FOR ASSESSMENT OF DEPRESSION  
一種抑鬱症客觀篩查系統、方法及裝置[73] 趙永翔  
中國  
福建省福州市閩侯縣上街鎮高新大道 1-1 號(郵編: 350108)[72] 趙永翔  
張聯盟

[74] 高保知識產權代理有限公司  
香港  
荃灣白田壩街 36-44 號  
信義工業大廈 9 樓

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[51] A61B 5/283 [11] 40027994  
A61B 5/06 EP3636149 B1  
[13] B

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[51] A61B 5/318 [11] 40066362  
A61B 5/16 CN114027842 B  
[13] B

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[51] A61B 6/04 [11] 40068250  
A61B 5/055 EP3996596 B1  
A61G 7/053  
[13] B

[25] DE

[21] 62022057105.8 [22] 21.07.2022

[86] 13.07.2020 PCT/EP2020/069791

[87] 21.01.2021 WO2021/009138

[30] 12.07.2019 DE,10 2019 119 025.8

[54] RADIOLOGY HOLDING UNIT FOR A RADIOLOGY DEVICE  
用於放射學設備的放射學抓持裝置

[73] Febromed GmbH & Co. KG  
Am Landhagen 52  
59302 Oelde  
GERMANY

[72] BRORMANN, Hubert

[74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG

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[51] A61F 13/472 [11] 40052613  
A61F 13/511 CN113556996 B  
A61F 13/514  
A61F 13/534  
A61F 13/84  
A61L 15/20

A61L 15/40

A61L 15/46

[13] B

[25] ZH

[21] 62021042252.8 [22] 11.11.2021

[86] 20.02.2020 PCT/KR2020/002460

[87] 26.08.2021 WO2021/167131

[54] HYDROLYTIC ENVIRONMENT-FRIENDLY SANITARY NAPKIN

水解性環保型衛生巾

[73] KIM, Ji Yeun

金智娟

802, 13, Seoun-ro 11-gil

Seocho-gu Seoul 06727

REPUBLIC OF KOREA

[72] KIM, Ji Yeun 金智娟

[74] BARRON &amp; YOUNG INTELLECTUAL PROPERTY LIMITED

Suite 617, Lakeside 2

No. 10 Science Park West Avenue, Hong Kong Science Park,

Shatin, N.T.

HONG KONG

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| [51] | A61F 13/511 | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61F 13/514 | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61F 13/534 | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61F 13/84  | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|------|-----------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61F 2/24<br>A61F 2/95<br>A61F 2/966                                                          | [11] | 40008800<br>EP3563806 B1 |
|      |                                                                                               | [13] | B                        |
| [25] | EN                                                                                            |      |                          |
| [21] | 19132022.5                                                                                    | [22] | 08.11.2019               |
| [30] | 27.07.2012 US, 201213560132                                                                   |      |                          |
| [54] | CATHETER WITH RETRACTABLE SLEEVE<br>具有可伸縮套管的導管                                                |      |                          |
| [73] | Medinol Ltd.<br>Kiryat Atidim, Building 8 Entrance A, 5th Floor<br>6158101 Tel Aviv<br>ISRAEL |      |                          |
| [72] | COHEN, Itshak<br>MAXIMUK, Shahar<br>MOISEYEV, Gilad                                           |      |                          |
| [74] | WILKINSON & GRIST<br>6th Floor, Prince's Building<br>Chater Road<br>HONG KONG                 |      |                          |

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|------|-------------------------|------|---------------------------|
| [51] | A61F 2/24<br>A61B 17/00 | [11] | 40013432<br>CN110730633 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | A61F 2/24<br>A61B 17/00 | [11] | 40015236<br>CN110799102 B |
|      |                         | [13] | B                         |

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|------|------------------------|------|--------------------------|
| [51] | A61F 2/95<br>A61F 2/24 | [11] | 40008800<br>EP3563806 B1 |
|      |                        | [13] | B                        |

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|------|-------------------------|------|--------------------------|
| [51] | A61F 2/966<br>A61F 2/24 | [11] | 40008800<br>EP3563806 B1 |
|      |                         | [13] | B                        |

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| [51] | A61G 7/053 | [11] | 40068250     |
|      | A61B 6/04  |      | EP3996596 B1 |
|      |            | [13] | B            |

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|------|------------|------|---------------|
| [51] | A61K 31/05 | [11] | 40079427      |
|      | A61K 9/16  |      | CN115569118 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/352 | [11] | 40079427      |
|      | A61K 9/16   |      | CN115569118 B |
|      |             | [13] | B             |

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| [51] | A61K 31/352 | [11] | 40019832      |
|      | A23L 33/105 |      | CN110636760 B |
|      |             | [13] | B             |

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| [51] | A61K 31/428 | [11] | 40061360      |
|      | C07D 277/82 |      | CN113508109 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61K 31/437 | [11] | 40061360      |
|      | C07D 277/82 |      | CN113508109 B |
|      |             | [13] | B             |

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|------|-------------|------|--------------|
| [51] | A61K 31/444 | [11] | 40078982     |
|      | C07D 401/12 |      | EP4126842 B1 |
|      |             | [13] | B            |

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|------|-------------|------|---------------|
| [51] | A61K 31/455 | [11] | 40079427      |
|      | A61K 9/16   |      | CN115569118 B |
|      |             | [13] | B             |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/496<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                            | [13] | B                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/497<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                            | [13] | B                        |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/501<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                            | [13] | B                        |

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|------|----------------------------|------|---------------------------|
| [51] | A61K 31/501<br>C07D 403/12 | [11] | 40076942<br>CN114650990 B |
|      |                            | [13] | B                         |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/506<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                            | [13] | B                        |

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|      |                            |      |                           |
|------|----------------------------|------|---------------------------|
| [51] | A61K 31/517<br>C07D 241/44 | [11] | 40073782<br>CN115151532 B |
|      |                            | [13] | B                         |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/519<br>C07D 471/04 | [11] | 40042159<br>EP3749669 B1 |
|      |                            | [13] | B                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/541<br>C07D 405/14 | [11] | 40012525<br>EP3555076 B1 |
|      |                            | [13] | B                        |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 31/70<br>C07H 19/16 | [11] | 40052933<br>CN113366008 B |
|      |                          | [13] | B                         |

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|------|----------------------------|------|---------------------------|
| [51] | A61K 31/7052<br>C07H 19/16 | [11] | 40052933<br>CN113366008 B |
|      |                            | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 31/706<br>A61K 9/16 | [11] | 40079427<br>CN115569118 B |
|      |                          | [13] | B                         |

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|      |                            |      |                           |
|------|----------------------------|------|---------------------------|
| [51] | A61K 31/7076<br>C07H 19/16 | [11] | 40052933<br>CN113366008 B |
|      |                            | [13] | B                         |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61K 31/7084<br>A61K 9/16 | [11] | 40079427<br>CN115569118 B |
|      |                           | [13] | B                         |

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|------|---------------------------|------|--------------------------|
| [51] | A61K 31/7088<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                           | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61K 31/713<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                          | [13] | B                        |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 36/185<br>A61K 9/16 | [11] | 40079427<br>CN115569118 B |
|      |                          | [13] | B                         |

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[51] A61K 36/73 [11] 40079427  
A61K 9/16 CN115569118 B  
[13] B

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[51] A61K 36/87 [11] 40079427  
A61K 9/16 CN115569118 B  
[13] B

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[51] A61K 38/26 [11] 40050996  
A61K 9/00 EP3870213 B1  
A61K 47/18  
A61K 47/10  
A61P 3/10  
A61P 3/04  
[13] B

[25] EN

[21] 62021040776.8 [22] 20.10.2021

[86] 25.10.2019 PCT/EP2019/079214

[87] 30.04.2020 WO2020/084126

[30] 26.10.2018 EP,18202801

20.02.2019 EP,19158226

[54] STABLE SEMAGLUTIDE COMPOSITIONS AND USES THEREOF  
穩定的司美魯肽組合物及其用途

[73] NOVO NORDISK A/S

NOVO ALLÉ

2880 BAGSVÆRD

DENMARK

[72] ENGELUND, Dorthe, Kot

JENSEN, Søren, Skov

LUNDQVIST, Joakim

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

22/F, Great Eagle Centre, 23 Harbour Road

Wanchai

HONG KONG

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[51] A61K 39/39 [11] 40081868  
A61K 9/1127 EP4066857 B1  
[13] B

[25] EN

[21] 42023070869.5 [22] 30.03.2023

[30] 31.08.2010 US,37882610 P

- [54] PEGYLATED LIPOSOMES FOR DELIVERY OF IMMUNOGEN-ENCODING RNA  
用於遞送免疫原編碼 RNA 的聚乙二醇脂質體
- [73] GlaxoSmithKline Biologicals SA  
Rue de l'Institut 89, 1330 Rixensart  
BELGIUM
- [72] GEALL, Andrew  
VERMA, Ayush
- [74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG
- 

- [51] A61K 39/395 [11] 40004712  
C07K 16/00 CN109790215 B
- [13] B
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- [51] A61K 45/06 [11] 40079427  
A61K 9/16 CN115569118 B
- [13] B
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- [51] A61K 47/10 [11] 40012206  
A61K 47/36 CN110075308 B
- [13] B
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- [51] A61K 47/10 [11] 40016662  
A01N 25/30 CN111050549 B
- [13] B
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- [51] A61K 47/10 [11] 40050996  
A61K 38/26 EP3870213 B1
- [13] B
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- [51] A61K 47/18 [11] 40050996  
A61K 38/26 EP3870213 B1
- [13] B
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|------|------------|------|---------------|
| [51] | A61K 47/26 | [11] | 40079427      |
|      | A61K 9/16  |      | CN115569118 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | A61K 47/32 | [11] | 40079427      |
|      | A61K 9/16  |      | CN115569118 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/36 | [11] | 40012206      |
|      | A61K 47/10 |      | CN110075308 B |
|      | A61K 9/107 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42020002090.7 [22] 31.01.2020

[30] 09.12.2013 US, 61/913653

[54] STABILIZED ALL-AQUEOUS EMULSIONS AND METHODS OF MAKING AND  
USING THEREOF

穩定化的全水乳液及其製備和使用方法

[73] VERSITECH LIMITED

港大科桥有限公司

15/F, K.K. LEUNG BUILDING

THE UNIVERSITY OF HONG KONG, POKFULAM

HONG KONG

[72] YANG SONG 宋阳

ZHOU LIU 刘洲

HO CHEUNG SHUM 岑浩璋

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

22/F, Great Eagle Centre, 23 Harbour Road

Wanchai

HONG KONG

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|------|------------|------|---------------|
| [51] | A61K 47/38 | [11] | 40079427      |
|      | A61K 9/16  |      | CN115569118 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/51 | [11] | 40008760      |
|      | C12N 15/10 |      | CN109790541 B |
|      |            | [13] | B             |

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[51] A61K 47/60 [11] 40058902  
A61K 9/00 EP3860561 B1  
[13] B

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[51] A61K 47/69 [11] 40015136  
A61K 48/00 CN110446506 B  
A61K 9/00  
[13] B

[25] ZH

[21] 62020004629.5 [22] 20.03.2020

[86] 17.10.2018 PCT/KR2018/012251

[87] 25.04.2019 WO2019/078611

[30] 18.10.2017 KR,10-2017-0135017

[54] NANOLIPOSOME-MICROBUBBLE CONJUGATE AND COMPOSITION FOR  
AMELIORATING OR TREATING HAIR LOSS CONTAINING THE SAME  
納米脂質體-微泡綴合物及包含其的用於改善或治療毛髮脫落的組合物

[73] MOOGENE MEDI CO., LTD.

无尽医疗有限公司

(U-Tech Valley Sea Tower, Pungsan-dong) 10F

C-dong, 25, Misagangbyeonjungang-ro 7beonan-gil, Hanam-si,

Gyeonggi-do, 12939

REPUBLIC OF KOREA

大韓民國

京畿道

[72] RYU, Jee-Yeon 柳智然

WON, Eun-Jeong 元恩廷

LEE, Han A Reum 李汉润

YU, Kyeong-Nam 柳京南

[74] 集佳知識產權有限公司

香港

九龍旺角洗衣街 39-55 號

金雞廣場 12 層 1201 室

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[51] A61K 47/69 [11] 40058902  
A61K 9/00 EP3860561 B1  
[13] B

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[51] A61K 48/00 [11] 40015136  
A61K 47/69 CN110446506 B  
[13] B

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[51] A61K 8/25 [11] 40050719  
A61K 8/31 CN112867477 B  
A61K 8/39  
A61K 8/86  
A61Q 1/14

[13] B

[25] ZH

[21] 62021038818.2 [22] 14.09.2021

[86] 06.08.2019 PCT/JP2019/031005

[87] 27.02.2020 WO2020/039918

[30] 18.08.2018 JP,2018-153755

[54] OILY SOLID CLEANSING COSMETIC

油性固態清潔化妝品

[73] JO Cosmetics CO., LTD.

捷鷗化妝品株式會社

11-14, Omori-nishi 3-Chome

Ota-ku Tokyo 1430015

JAPAN

Premier Anti-Aging Co., Ltd.

蓓安美株式會社

Level 8, Toranomom Hills Mori Tower

1-23-1 Toranomom, Minato-ku, Tokyo 1056308

JAPAN

[72] 湯淺隆太

内田和希

秋月祐介

[74] LIU, SHEN & ASSOCIATES

Room 3716, 37/F, Sun Hung Kai Centre

30 Harbour Road, Wanchai

HONG KONG

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[51] A61K 8/31 [11] 40050719  
A61K 8/25 CN112867477 B

[13] B

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[51] A61K 8/39 [11] 40050719  
A61K 8/25 CN112867477 B

[13] B

[51] A61K 8/81 [11] 40027217  
A61K 8/92 CN110958874 B  
A61Q 5/00  
A61Q 1/10  
[13] B

[25] ZH

[21] 62020016907.1 [22] 28.09.2020

[86] 21.06.2018 PCT/US2018/038782  
[87] 03.01.2019 WO2019/005579

[30] 26.06.2017 US,15/632903  
27.02.2018 US,15/906372

[54] HIGH SHINE, LONG WEAR COSMETIC COMPOSITIONS ALSO USEFUL AS  
COSMETIC ADHESIVES  
高光澤長效持妝化妝品組合物，也可用作化妝品膠粘劑

[73] ELC MANAGEMENT LLC  
155 PINELAWN ROAD, SUITE 345 SOUTH  
MELVILLE, NY 11747  
UNITED STATES OF AMERICA

[72] LEE, Wilson  
RIDINI, Jennifer

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] A61K 8/86 [11] 40050719  
A61K 8/25 CN112867477 B  
[13] B

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[51] A61K 8/90 [11] 40016662  
A01N 25/30 CN111050549 B  
[13] B

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[51] A61K 8/92 [11] 40027217  
A61K 8/81 CN110958874 B  
[13] B

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[51] A61K 9/00 [11] 40015136  
A61K 47/69 CN110446506 B  
[13] B

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| [51] | A61K 9/00  | [11] | 40050996     |
|      | A61K 38/26 |      | EP3870213 B1 |

[13] B

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 9/00    | [11] | 40058902     |
|      | A61K 9/127   |      | EP3860561 B1 |
|      | A61K 31/7088 |      |              |

C07C 211/00  
C07C 219/00  
C12N 15/88  
C07D 295/15  
A61K 31/713  
A61K 47/60  
A61K 47/69  
A61P 37/02  
C07C 217/08  
C07C 219/06  
C07C 229/30  
C12N 15/11

[13] B

[25] EN

[21] 62022047373.5 [22] 28.01.2022

[86] 27.09.2019 PCT/US2019/053617

[87] 09.04.2020 WO2020/072324

[30] 01.10.2018 US,US201862739548P

[54] BIODEGRADABLE LIPIDS FOR THE DELIVERY OF ACTIVE AGENTS  
用於傳遞活性劑的可生物降解脂質

[73] Alnylam Pharmaceuticals, Inc.  
300 Third Street  
Cambridge, MA 02142  
UNITED STATES OF AMERICA

[72] JAYARAMAN, Muthusamy  
HE, Guo  
MAIER, Martin

[74] EMILY YIP & CO LIMITED  
1st Floor, Kingsfield Centre  
18 Shell Street, Fortress Hill  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 9/107 | [11] | 40012206      |
|      | A61K 47/36 |      | CN110075308 B |

[13] B

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 9/1127 | [11] | 40081868     |
|      | A61K 39/39  |      | EP4066857 B1 |

[13] B

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/127 | [11] | 40058902     |
|      | A61K 9/00  |      | EP3860561 B1 |

[13] B

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|------|--------------|------|---------------|
| [51] | A61K 9/16    | [11] | 40079427      |
|      | A61K 47/38   |      | CN115569118 B |
|      | A61K 47/26   |      |               |
|      | A61K 47/32   |      |               |
|      | A61K 31/706  |      |               |
|      | A61K 31/7084 |      |               |
|      | A61K 31/455  |      |               |
|      | A61K 45/06   |      |               |
|      | A61K 31/352  |      |               |
|      | A61K 31/05   |      |               |
|      | A61K 36/87   |      |               |
|      | A61K 36/73   |      |               |
|      | A61K 36/185  |      |               |
|      | A61P 39/00   |      |               |
|      | A61P 37/02   |      |               |
|      | A61P 9/10    |      |               |
|      | A61P 25/28   |      |               |
|      | A61P 3/10    |      |               |
|      | A61P 3/04    |      |               |

[13] B

[25] ZH

[21] 42023068719.6 [22] 21.02.2023

[54] MICROSPHERE FORMULATION FOR EFFECTIVELY INCREASING THE LEVEL  
OF NAD+ AND PREPARATION METHOD  
高效提升NAD+水平的微球製劑及製備工藝

[73] HOBOOMLIFE BIO-TECHNOLOGY (SHENZHEN) CO., LTD.

泓博元生命科技(深圳)有限公司

中國

广东省深圳市

前海深港合作区前湾一路35号前海深港青年梦工场6栋2层218室

[72] 陈建生

侯亚颖

张彤

呂婧

白玉勤

[74] 精英知識產權服務有限公司  
香港  
新界打磚坪街 1-25 號和宜合道 5-27 號  
寶星中心 A 座 20/F8 號室

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|------|-------------|------|---------------|
| [51] | A61L 15/20  | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61L 15/40  | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61L 15/46  | [11] | 40052613      |
|      | A61F 13/472 |      | CN113556996 B |
|      |             | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61L 27/36 | [11] | 40051978     |
|      | C12M 3/00  |      | EP3830243 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61L 27/50 | [11] | 40051978     |
|      | C12M 3/00  |      | EP3830243 B1 |
|      |            | [13] | B            |

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|------|-----------|------|--------------|
| [51] | A61M 1/06 | [11] | 40080540     |
|      |           |      | EP4066870 B1 |
|      |           | [13] | B            |

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[25] EN

[21] 42023070634.3 [22] 24.03.2023

[30] 15.06.2017 GB,201709566  
15.06.2017 GB,201709564  
15.06.2017 GB,201709561  
01.06.2018 GB,201809036

- [54] BREAST PUMP SYSTEM  
吸奶器系統
- [73] Chiaro Technology Limited  
63 - 66 Hatton Garden  
London EC1N 8LE  
UNITED KINGDOM
- [72] O'TOOLE, Jonathan  
ROLLO, Adam  
CARR, Andrew  
LEVY, Benjamin  
COGGINS, Jack  
ROSS, Clare  
POOLE, Rebecca  
PESTANA, Nestor
- [74] GLOBAL ZEN IP SERVICES LIMITED  
Room 1707, 17th Floor Beverly House  
93-107 Lockhart Road, Wanchai  
HONG KONG

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- [51] A61M 16/08 [11] 40082327  
A61M 16/10 GB2605916 B  
A61M 16/16  
A61M 16/10  
[13] B
- [25] EN
- [21] 42023071589.8 [22] 18.04.2023
- [30] 21.07.2016 US,62365285
- [54] MEDICAL TUBES FOR BREATHING CIRCUIT  
用於呼吸回路的醫用氣管
- [73] FISHER & PAYKEL HEALTHCARE LIMITED  
15 MAURICE PAYKEL PLACE, EAST TAMAKI, AUCKLAND, 2013  
NEW ZEALAND
- [72] JAMES WILLIAM STANTON  
GAVIN WALSH MILLAR
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

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- [51] A61M 16/10 [11] 40082327  
A61M 16/08 GB2605916 B  
[13] B
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[51] A61M 16/10 [11] 40082327  
A61M 16/08 GB2605916 B  
[13] B

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[51] A61M 16/16 [11] 40082327  
A61M 16/08 GB2605916 B  
[13] B

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[51] A61M 5/315 [11] 40023279  
EP3622988 B1  
[13] B

[25] EN

[21] 42020015567.9 [22] 18.05.2015

[30] 30.05.2012 EP,12170069

[62] 18.05.2015 15104689.1

[54] PISTON ROD ARRANGEMENT AND A DRUG DELIVERY DEVICE COMPRISING  
SUCH A PISTON ROD ASSEMBLY  
活塞杆組合體和包括此活塞桿組件的藥物輸送裝置

[73] Sanofi-Aventis Deutschland GmbH  
Brüningstrasse 50, 65929 Frankfurt am Main  
GERMANY

[72] BUTLER, Stephen David  
HORLOCK, Mark Philip

[74] KWAN, WONG & PARTNERS  
5/F, Room B, Yan Hong Building  
45-47 Fa Yuen Street, Mongkok, Kowloon  
HONG KONG

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[51] A61N 1/05 [11] 40068086  
A61N 1/36 EP3974021 B1  
[13] B

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[51] A61N 1/36 [11] 40068086  
A61N 1/05 EP3974021 B1  
[13] B

[25] EN

[21] 42022057343.0 [22] 26.07.2022

[54] A SYSTEM FOR NEUROMODULATION  
一種用於神經調節的系統

- [73] ONWARD MEDICAL N.V.  
昂沃醫療公眾有限公司  
Schimmelt 2-16 5611 ZX Eindhoven  
NETHERLANDS
- [72] MINASSIAN, KAREN 凱倫 米拿桑  
WAGNER, FABIEN 法比安 華格納  
COURTINE, GRÉGOIRE 葛瑞哥爾 庫爾坦
- [74] JEAC I.P. AGENT COMPANY  
Rm. B171, 1/F, Oxford Factory Bldg.  
42-46 Wang Lung St., Tsuen Wan  
HONG KONG

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- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 11/00  | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | A61P 11/06  | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | A61P 13/00  | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | A61P 23/00  | [11] | 40078982     |
|      | C07D 401/12 |      | EP4126842 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | A61P 25/10  | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |
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| [51] | A61P 25/16  | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |
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|------|---------------------------|------|--------------------------|
| [51] | A61P 25/18<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                           | [13] | B                        |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | A61P 25/28<br>A61K 9/16 | [11] | 40079427<br>CN115569118 B |
|      |                         | [13] | B                         |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 25/28<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                           | [13] | B                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 25/30<br>C07D 401/14 | [11] | 40045213<br>EP3768669 B1 |
|      |                           | [13] | B                        |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 29/00<br>C07D 403/12 | [11] | 40076942<br>CN114650990 B |
|      |                           | [13] | B                         |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | A61P 3/04<br>A61K 9/16 | [11] | 40079427<br>CN115569118 B |
|      |                        | [13] | B                         |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | A61P 3/04<br>A61K 38/26 | [11] | 40050996<br>EP3870213 B1 |
|      |                         | [13] | B                        |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | A61P 3/10<br>A61K 9/16 | [11] | 40079427<br>CN115569118 B |
|      |                        | [13] | B                         |

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|------|------------|------|--------------|
| [51] | A61P 3/10  | [11] | 40050996     |
|      | A61K 38/26 |      | EP3870213 B1 |
|      |            | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 31/00  | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/00  | [11] | 40061360      |
|      | C07D 277/82 |      | CN113508109 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40004712      |
|      | C07K 16/00 |      | CN109790215 B |
|      |            | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40042159     |
|      | C07D 471/04 |      | EP3749669 B1 |
|      |             | [13] | B            |

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|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40052933      |
|      | C07H 19/16 |      | CN113366008 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40073782      |
|      | C07D 241/44 |      | CN115151532 B |
|      |             | [13] | B             |

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| [51] | A61P 37/02 | [11] | 40004712      |
|      | C07K 16/00 |      | CN109790215 B |
|      |            | [13] | B             |

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| [51] | A61P 37/02 | [11] | 40079427      |
|      | A61K 9/16  |      | CN115569118 B |
|      |            | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/02 | [11] | 40058902     |
|      | A61K 9/00  |      | EP3860561 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 39/00 | [11] | 40079427      |
|      | A61K 9/16  |      | CN115569118 B |
|      |            | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61P 9/10 | [11] | 40079427      |
|      | A61K 9/16 |      | CN115569118 B |
|      |           | [13] | B             |

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|      |           |      |               |
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| [51] | A61Q 1/10 | [11] | 40027217      |
|      | A61K 8/81 |      | CN110958874 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61Q 1/14 | [11] | 40050719      |
|      | A61K 8/25 |      | CN112867477 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61Q 5/00 | [11] | 40027217      |
|      | A61K 8/81 |      | CN110958874 B |
|      |           | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A63F 13/2145 | [11] | 40025894      |
|      | G06V 10/82   |      | CN111444828 B |
|      |              | [13] | B             |

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[51] A63F 13/42 [11] 40025894  
G06V 10/82 CN111444828 B  
[13] B

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[51] A63F 13/5252 [11] 40027399  
A63F 13/60 CN111589115 B  
A63F 13/792  
G06Q 30/0207  
[13] B

[25] ZH

[21] 42020017671.7 [22] 12.10.2020

[54] VISUAL FIELD CONTROL METHOD AND APPARATUS FOR VIRTUAL OBJECT,  
STORAGE MEDIUM AND COMPUTER DEVICE  
虛擬對象的視野控制方法、裝置、存儲介質及計算機設備

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] QIU,BIN 仇斌  
SHEN,WENBIN 沈文彬  
WANG,FEI 王飞

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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[51] A63F 13/5258 [11] 40072021  
A63F 13/5372 CN114307145 B  
[13] B

[25] ZH

[21] 42022060874.9 [22] 21.09.2022

[54] PICTURE DISPLAY METHOD AND APPARATUS, TERMINAL, AND STORAGE  
MEDIUM

畫面顯示方法、裝置、終端及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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35/F,Tencent Building

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YANG, RUIHAN 杨睿涵

LIN, KONGWEI 林孔伟

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[51] A63F 13/53

A63F 13/67

[11] 40071560

CN114344913 B

[13] B

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[51] A63F 13/533

A63F 13/537

[11] 40028866

CN111589116 B

[13] B

[25] ZH

[21] 42020017536.2

[22] 10.10.2020

[54] METHOD AND DEVICE FOR DISPLAYING FUNCTION OPTION, TERMINAL  
AND STORAGE MEDIUM

顯示功能選項的方法、裝置、終端及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

腾讯科技(深圳)有限公司

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Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
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广东省深圳市南山区高新区科技中一路

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[72] WANG, YIRAN 王怡然

[74] 集佳知識產權有限公司

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[51] A63F 13/537 [11] 40025894  
G06V 10/82 CN111444828 B  
[13] B

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[51] A63F 13/537 [11] 40028866  
A63F 13/533 CN111589116 B  
[13] B

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[51] A63F 13/5372 [11] 40072021  
A63F 13/5258 CN114307145 B  
[13] B

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[51] A63F 13/56 [11] 40026353  
G06N 3/0464 CN111437605 B  
G06N 3/08  
[13] B

[25] ZH

[21] 42020016146.1 [22] 14.09.2020

[54] METHOD FOR DETERMINING VIRTUAL OBJECT BEHAVIOR AND HOSTING  
VIRTUAL OBJECT BEHAVIOR

確定虛擬對象行為及托管虛擬對象行為的方法

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[72] HUANG, CHAO 黄超

ZHOU, DAJUN 周大军

ZHANG, LIKE 张力柯

JING, YANQING 荆彦青

[74] 集佳知識產權有限公司

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金雞廣場 12 層 1201 室

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|------|--------------|------|---------------|
| [51] | A63F 13/60   | [11] | 40027399      |
|      | A63F 13/5252 |      | CN111589115 B |
|      |              | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63F 13/67 | [11] | 40071560      |
|      | A63F 13/53 |      | CN114344913 B |
|      | G06T 13/00 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42022060896.2 [22] 21.09.2022

[54] GAME DATA PROCESSING METHOD AND APPARATUS, DEVICE AND  
READABLE STORAGE MEDIUM

一種遊戲數據處理方法、裝置、設備以及可讀存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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Nanshan District, Shenzhen, Guangdong 518057

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[72] YE, JIN 叶金

[74] 集佳知識產權有限公司

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九龍旺角洗衣街 39-55 號

金雞廣場 12 層 1201 室

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A63F 13/792  | [11] | 40027399      |
|      | A63F 13/5252 |      | CN111589115 B |
|      |              | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/837 | [11] | 40025894      |
|      | G06V 10/82  |      | CN111444828 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B01D 61/02 | [11] | 40047613      |
|      | C02F 1/44  |      | CN112912344 B |
|      |            | [13] | B             |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | B01D 61/06<br>C02F 1/44 | [11] | 40047613<br>CN112912344 B |
|      |                         | [13] | B                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | B01D 65/08<br>C02F 1/44 | [11] | 40047613<br>CN112912344 B |
|      |                         | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B05B 11/00<br>A45D 34/02 | [11] | 40075068<br>CN114513974 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B05B 15/30<br>A45D 34/02 | [11] | 40075068<br>CN114513974 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B09B 101/70<br>B09B 3/60 | [11] | 40013122<br>CN110756546 B |
|      |                          | [13] | B                         |

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|      |                                                    |      |                           |
|------|----------------------------------------------------|------|---------------------------|
| [51] | B09B 3/60<br>B09B 3/70<br>B09B 5/00<br>B09B 101/70 | [11] | 40013122<br>CN110756546 B |
|      |                                                    | [13] | B                         |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42020003102.9 | [22] | 21.02.2020 |
|------|---------------|------|------------|

[30] 10.07.2018 HK,18108957 .4

[54] APPARATUS AND METHOD FOR DECOMPOSING FOOD WASTE  
用於分解食品廢物的裝置和方法

[73] Ecopia (Hong Kong) Limited  
Unit 349, 3/F Building 19W  
No. 19 Science Park West Ave, SHATIN  
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[72] WONG, Kwan Po

[74] MELVIN LI INTELLECTUAL PROPERTY LIMITED  
Level 35, Two Pacific Place

88 Queensway, Admiralty  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B09B 3/70 | [11] | 40013122      |
|      | B09B 3/60 |      | CN110756546 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B09B 5/00 | [11] | 40013122      |
|      | B09B 3/60 |      | CN110756546 B |
|      |           | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B23K 35/22 | [11] | 40071168      |
|      | B23K 35/26 |      | CN114746209 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B23K 35/26  | [11] | 40067606      |
|      | B23K 35/363 |      | CN114378475 B |
|      |             | [13] | B             |

[25] ZH

[21] 42022057320.8 [22] 25.07.2022

[30] 02.10.2020 JP, 2020-168038

[54] SOLDER PASTE

焊膏

[73] SENJU METAL INDUSTRY CO., LTD.

千住金属工业株式会社

23, Senju-Hashido-cho, Adachi-ku, Tokyo 1208555

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[72] Hiroyoshi KAWASAKI 川崎浩由

Masato SHIRATORI 白鸟正人

Hiroaki KAWAMATA 川又浩彰

[74] MARKS & CLERK

Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam

HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B23K 35/26 | [11] | 40071168      |
|      | C22C 13/00 |      | CN114746209 B |

C22C 13/02  
B23K 35/22

[13] B

[25] ZH

[21] 62022059954.7 [22] 09.09.2022

[86] 22.06.2021 PCT/JP2021/023598

[87] 30.12.2021 WO2021/261486

[30] 23.06.2020 JP,2020-107816

[54] SOLDER ALLOY, SOLDERING PASTE, SOLDER BALL, SOLDERING  
PREFORM, SOLDER JOINT, ON-VEHICLE ELECTRONIC CIRCUIT, ECU  
ELECTRONIC CIRCUIT, ON-VEHICLE ELECTRONIC CIRCUIT DEVICE, AND  
ECU ELECTRONIC CIRCUIT DEVICE  
焊料合金、焊膏、焊球、預成型焊料、焊接接頭、車載電子電路、ECU 電子電路、  
車載電子電路裝置和 ECU 電子電路裝置[73] SENJU METAL INDUSTRY CO., LTD.  
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Takashi SAITO 斎藤岳  
Yuuki IIJIMA 飯島裕貴  
Kanta DEI 出井寛大  
Takahiro MATSUFUJI 松藤貴大[74] LETTERS & THOO LIMITED  
Suite 1001-1003, 10/F, Prosperity Millennia Plaza  
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HONG KONG

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[51] B23K 35/363 [11] 40067606  
B23K 35/26 CN114378475 B  
[13] B

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[51] B25J 11/00 [11] 40021742  
B25J 9/16 CN111055297 B  
B25J 15/08  
B25J 15/02  
[13] B

[25] ZH

[21] 42020012278.6 [22] 23.07.2020

[54] MANIPULATOR OPERATION EQUIPMENT, CONTROL METHOD, DEVICE,  
COMPUTER EQUIPMENT AND MEDIUM  
機械手操作設備、控制方法、裝置、計算機設備及介質

- [73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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ZHAO, LONGFEI 趙龍飛  
DAI, YUAN 戴媛  
HUANG, BIDAN 黃碧丹  
LI, QIANG 李強  
CHI, WANCHAO 遲萬超  
XIANG, LINGZHU 向靈竹  
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- 

- [51] B25J 15/02 [11] 40021742  
B25J 11/00 CN111055297 B  
[13] B
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- [51] B25J 15/08 [11] 40021742  
B25J 11/00 CN111055297 B  
[13] B
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- [51] B25J 9/16 [11] 40021742  
B25J 11/00 CN111055297 B  
[13] B
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- [51] B29B 17/00 [11] 40074285  
B29C 43/02 EP4065331 B1  
B29C 43/52  
B29B 17/02  
B29K 1/00  
B29K 105/26

B29L 12/00

B29B 17/04

[13] B

[25] EN

[21] 62022063470.8 [22] 07.11.2022

[86] 10.11.2020 PCT/IB2020/060555

[87] 03.06.2021 WO2021/105807

[30] 26.11.2019 IT,102019000022128

[54] METHOD FOR PRODUCTION OF ARTICLES AND SEMI-FINISHED PRODUCTS  
MADE OF CELLULOSE ACETATE

生產由醋酸纖維素製成的半成品和物品的方法

[73] H2C S.R.L.

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00136 Roma (RM)

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[72] CECCHIN, Orfeo

[74] HNC INNOVATION LIMITED

Units 1205-1208, Cyberport 2, No. 100

Cyberport Road

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[51] B29B 17/02 [11] 40074285  
B29B 17/00 EP4065331 B1

[13] B

[51] B29B 17/04 [11] 40074285  
B29B 17/00 EP4065331 B1

[13] B

[51] B29C 43/00 [11] 40048588  
B29C 44/56 CN112512772 B

[13] B

[51] B29C 43/02 [11] 40074285  
B29B 17/00 EP4065331 B1

[13] B

|      |            |      |              |
|------|------------|------|--------------|
| [51] | B29C 43/52 | [11] | 40074285     |
|      | B29B 17/00 |      | EP4065331 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 44/56 | [11] | 40048588      |
|      | C08J 9/38  |      | CN112512772 B |
|      | B29C 43/00 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 62021038778.8 [22] 13.09.2021

[86] 31.05.2019 PCT/US2019/034854

[87] 05.12.2019 WO2019/232333

[30] 31.05.2018 US, 62/678,464

[54] CUSHIONING MEMBER FOR ARTICLE OF FOOTWEAR AND RELATED METHODS  
用於鞋類物品的緩衝構件及相關方法

[73] Nike Innovate C.V.  
耐克创新有限合伙公司  
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UNITED STATES OF AMERICA

[72] FAKHOURI, Sami S·法克霍里  
LEVY, Cassidy, R. 卡西迪·R·利维  
PREVO, Brian G. 布莱恩·G·普列沃  
LIN, Pei-Jyun 林佩君  
TSAI, Ping-Hung 蔡炳宏

[74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B29K 1/00  | [11] | 40074285     |
|      | B29B 17/00 |      | EP4065331 B1 |
|      |            | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B29K 105/26 | [11] | 40074285     |
|      | B29B 17/00  |      | EP4065331 B1 |
|      |             | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B29L 12/00 | [11] | 40074285     |
|      | B29B 17/00 |      | EP4065331 B1 |
|      |            | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B42D 25/23  | [11] | 40051508      |
|      | B42D 25/373 |      | CN113498384 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B42D 25/29  | [11] | 40051508      |
|      | B42D 25/373 |      | CN113498384 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B42D 25/373 | [11] | 40051508      |
|      | B42D 25/387 |      | CN113498384 B |
|      | B42D 25/23  |      |               |
|      | B42D 25/29  |      |               |
|      | B42D 25/40  |      |               |
|      | C09D 11/037 |      |               |
|      | C09C 1/00   |      |               |
|      |             | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62021041288.3 | [22] | 27.10.2021 |
|------|---------------|------|------------|

[86] 30.01.2020 PCT/EP2020/052264

[87] 27.08.2020 WO2020/169316

[30] 21.02.2019 EP,19158515.7

[54] UV-VIS RADIATION RADICALLY CURABLE SECURITY INKS  
UV-VIS 輻射自由基固化性安全墨

[73] SICPA HOLDING SA  
錫克拜控股有限公司  
Avenue de Florissant 41 1008 Prilly  
SWITZERLAND  
瑞士

[72] VEYA, Patrick P·韋亞  
MONNEY, Angèle A·蒙尼

[74] 范紀羅江律師行  
香港  
灣仔港灣道 6-8 號  
瑞安中心 23 樓

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| [51] | B42D 25/387 | [11] | 40051508      |
|      | B42D 25/373 |      | CN113498384 B |
|      |             | [13] | B             |

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| [51] | B42D 25/40  | [11] | 40051508      |
|      | B42D 25/373 |      | CN113498384 B |
|      |             | [13] | B             |

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| [51] | B60L 3/00 | [11] | 40022352      |
|      |           |      | CN111212753 B |
|      |           | [13] | B             |

[25] ZH

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| [21] | 62020011325.1 | [22] | 15.07.2020 |
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[86] 14.11.2017 PCT/JP2017/040853

[87] 23.05.2019 WO2019/097563

[54] VEHICLE MONITORING SYSTEM

車輛監視系統

[73] KAWASAKI RAILCAR MANUFACTURING CO., LTD.

川崎車輛株式会社

1-18, Wadayama-dori 2-chome,

Hyogo-ku, Kobe-shi, Hyogo 652-0884

JAPAN

[72] Koichi NAKANISHI 中西 纘一

Yuta SAKURAI 櫻井 优太

Shuhei MATSUMOTO 松本 周平

[74] GLOBAL ZEN IP SERVICES LIMITED

Room 1707, 17th Floor Beverly House

93-107 Lockhart Road, Wanchai

HONG KONG

|      |            |      |               |
|------|------------|------|---------------|
| [51] | B65B 17/02 | [11] | 40046686      |
|      | B65D 71/42 |      | CN112399951 B |
|      |            | [13] | B             |

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| [51] | B65D 43/16 | [11] | 40049542      |
|      | B65D 51/24 |      | CN113195369 B |
|      | B65D 55/02 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 62021038925.5 [22] 15.09.2021

[86] 16.12.2019 PCT/EP2019/085467

[87] 25.06.2020 WO2020/127132

[30] 18.12.2018 FR,1873252

[54] CAP FOR RIGID CONTAINER  
用於剛性容器的帽

[73] UNITED CAPS FRANCE  
统一塞法国公司  
1419, route de Chilly 39570 MESSIA SUR SORNE  
FRANCE

[72] PECHINOT, Laurent 劳伦特·佩奇诺  
CONTANT, Alexi 亚历克西·康坦特  
PIBRE, Damien 达米恩·皮布雷

[74] HK PAT IP LIMITED  
Flat C, 10/F., Wing Tat Commercial Building  
121-125 Wing Lok Street, Sheung Wan  
HONG KONG

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[51] B65D 47/34 [11] 40075068  
A45D 34/02 CN114513974 B

[13] B

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[51] B65D 51/24 [11] 40049542  
B65D 43/16 CN113195369 B

[13] B

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[51] B65D 55/02 [11] 40049542  
B65D 43/16 CN113195369 B

[13] B

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[51] B65D 71/42 [11] 40046686  
B65B 17/02 CN112399951 B

[13] B

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[25] ZH

[21] 62021036662.6 [22] 11.08.2021

[86] 15.05.2019 PCT/US2019/032407

[87] 21.11.2019 WO2019/222341

[30] 16.05.2018 US,62/672170

- [54] SET OF CONNECTED BLANKS AND BLANK  
連接坯件集合以及坯件
- [73] WESTROCK PACKAGING SYSTEMS, LLC  
1000 ABERNATHY ROAD NE  
ATLANTA, GA 30328  
UNITED STATES OF AMERICA
- [72] ZACHERLE, Matthew, E.
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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- |      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B65D 83/14<br>A45D 34/02 | [11] | 40075068<br>CN114513974 B |
|      |                          | [13] | B                         |
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|------|--------------------------|------|---------------------------|
| [51] | B65D 83/32<br>A45D 34/02 | [11] | 40075068<br>CN114513974 B |
|      |                          | [13] | B                         |
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|------|--------------------------|------|---------------------------|
| [51] | B65D 83/64<br>A45D 34/02 | [11] | 40075068<br>CN114513974 B |
|      |                          | [13] | B                         |
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|------|------------------------|------|---------------------------|
| [51] | B66B 1/46<br>B66B 3/00 | [11] | 40064156<br>CN114127001 B |
|      |                        | [13] | B                         |
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| [51] | B66B 3/00<br>B66B 1/46 | [11] | 40064156<br>CN114127001 B |
|      |                        | [13] | B                         |
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[21] 62022051086.6 [22] 01.04.2022

[86] 02.07.2020 PCT/EP2020/068689

[87] 14.01.2021 WO2021/004892

[30] 10.07.2019 EP,19185457.9

- [54] TOUCH-SENSITIVE LIFT OPERATION DEVICE FOR DIRECTION OF TRAVEL  
CALLS  
用於行駛方向呼叫的觸敏的電梯操縱裝置
- [73] INVENTIO AG  
因溫特奧股份公司  
Seestrasse 55  
CH-6052 Hergiswil NW  
SWITZERLAND
- [72] ACKERMANN, Marcel 馬塞爾·安克爾曼  
HAFLIGER, Nicolas 尼克拉斯·哈弗利格
- [74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG
- 

- [51] C02F 1/40 [11] 40071766  
CN114916226 B  
[13] B
- [25] ZH
- [21] 62022060536.9 [22] 19.09.2022
- [86] 08.12.2020 PCT/JP2020/045673
- [87] 16.06.2022 WO2022/123652
- [54] JET NOZZLE FOR SCUM REMOVAL DEVICE, AND WATER CONDUIT  
PROVIDED  
浮渣去除裝置用噴出噴嘴及具備該浮渣去除裝置用噴出噴嘴的導水渠
- [73] UTSUNOMIYA KOGYO CO., LTD.  
宇都宮工業株式会社  
53-9, Kameido 6-chome  
Koto-ku, Tokyo 1360071  
JAPAN
- [72] Hideo UTSUNOMIYA 宇都宮秀雄
- [74] DEQI INTELLECTUAL PROPERTY LAW CORPORATION (HONGKONG) LIMITED  
Room 703, Kowloon Building  
555 Nathan Road, Mongkok, Kowloon  
HONG KONG
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- [51] C02F 1/44 [11] 40047613  
B01D 61/02 CN112912344 B  
B01D 65/08  
B01D 61/06  
[13] B
- [25] ZH
- [21] 62021037276.4 [22] 20.08.2021
- [86] 13.08.2019 PCT/US2019/046270

[87] 05.03.2020 WO2020/046569  
[30] 29.08.2018 US, 62/724107  
[54] HIGH RECOVERY VARIABLE VOLUME REVERSE OSMOSIS MEMBRANE SYSTEM  
高回收率可變體積反滲透膜系統  
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT  
IMMEUBLE L'AQUARENE, 1 PLACE MONTGOLFIER  
F-94417 SAINT- MAURICE  
FRANCE  
[72] MACK, Bernard Roy  
ROLLINGS, Kevin  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] C05G 3/50 [11] 40048143  
A01N 25/00 EP3790653 B1  
[13] B

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[51] C05G 3/70 [11] 40048143  
A01N 25/00 EP3790653 B1  
[13] B

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[51] C07C 21/14 [11] 40057603  
C08G 18/67 CN113227188 B  
[13] B

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[51] C07C 211/00 [11] 40058902  
A61K 9/00 EP3860561 B1  
[13] B

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[51] C07C 217/08 [11] 40058902  
A61K 9/00 EP3860561 B1  
[13] B

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|------|--------------------------|------|--------------------------|
| [51] | C07C 219/00<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | C07C 219/06<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | C07C 229/30<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|---------------------------|
| [51] | C07C 33/42<br>C08G 18/67 | [11] | 40057603<br>CN113227188 B |
|      |                          | [13] | B                         |

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|------|----------------------------|------|--------------------------|
| [51] | C07D 213/64<br>C07D 405/14 | [11] | 40012525<br>EP3555076 B1 |
|      |                            | [13] | B                        |

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|------|------------------------------------------------------------------------|------|---------------------------|
| [51] | C07D 241/44<br>C07D 471/04<br>C07D 487/04<br>A61K 31/517<br>A61P 35/00 | [11] | 40073782<br>CN115151532 B |
|      |                                                                        | [13] | B                         |

[25] ZH

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|------|---------------|------|------------|
| [21] | 62022062923.7 | [22] | 28.10.2022 |
|------|---------------|------|------------|

[86] 29.04.2021 PCT/CN2021/091100

[87] 04.11.2021 WO2021/219090

[30] 29.04.2020 CN,202010354437.0

29.04.2020 CN,202010354434.7

12.04.2021 CN,202110390360.7

25.04.2021 CN,202110446892.8

[54] QUINOXALINE DIONE DERIVATIVE AS IRREVERSIBLE INHIBITOR OF  
KRAS G12C MUTANT PROTEIN

喹喔啉二酮衍生物作為 KRAS G12C 突變蛋白的不可逆抑制劑

[73] Beijing Tide Pharmaceutical Co., Ltd.  
北京泰德製藥股份有限公司  
中國

北京市經濟技術開發區榮京東街 8 號 100176

[72] ZHAO, Yanping 趙焰平  
WANG, Hongjun 王紅軍  
ZHANG, Daoguang 張道廣  
XIAO, Xuzhi 尚緒枝  
YE, Jia 葉佳  
MAO, Li 冒莉  
JIANG, Yuanyuan 姜媛媛  
LU, Liyan 祿立彥  
HUANG, Huai 黃淮  
NIU, Haitao 牛海濤  
HUANG, Jianbao 黃建寶  
LIU, Sen 劉森  
LIU, Xuelian 劉雪蓮  
ZHOU, Liying 周麗瑩  
LIU, Yanan 劉亞男

[74] 香港柳沈知識產權服務公司  
香港  
灣仔港灣道 30 號  
新鴻基中心 37 樓 3716 室

[51] C07D 277/82 [11] 40061360  
C07D 471/04 CN113508109 B  
A61K 31/428  
A61K 31/437  
A61P 31/00

[13] B

[25] ZH

[21] 62022050899.3 [22] 30.03.2022

[86] 20.03.2020 PCT/CN2020/080306

[87] 01.10.2020 WO2020/192562

[30] 22.03.2019 CN,201910221799.X

[54] SUBSTITUTED HETEROCYCLIC AMIDE COMPOUND AND PREPARATION  
METHOD THEREFOR AND PHARMACEUTICAL USE THEREOF  
取代的雜環酰胺類化合物，其製法與醫藥上的用途

[73] GENFLEET THERAPEUTICS (SHANGHAI) INC.  
勁方医药科技(上海)有限公司  
Level 2/3/4/5, Suite 8,1206 Zhangjiang Road  
China (Shanghai) Pilot Free Trade Zone  
Pudong New Area, Shanghai 201203  
CHINA

ZHEJIANG GENFLEET THERAPEUTICS CO., LTD.

浙江劲方药业有限公司

4th Floor No.3 South Building, Medical Technology Industrial  
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No.1 Yunhai Road, Lihai Town

Shaoxing Binhai New City, Zhejiang 312000

CHINA

[72] ZHOU, Fusheng 周福生

XU, Xiaoming 徐晓明

ZHANG, Leitao 张磊涛

LIU, Zhubo 刘柱博

HU, Gang 胡刚

DING, Qian 丁茜

XIE, Fubo 谢付波

ZHENG, Biao 郑彪

LV, Qiang 吕强

LAN Jiong 兰炯

[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.

Flat B, 38/F, South Tower 3, Phase 2, Residence Bal-Air

HONG KONG

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| [51] | C07D 295/15 | [11] | 40058902     |
|      | A61K 9/00   |      | EP3860561 B1 |
|      |             | [13] | B            |

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|------|-------------|------|--------------|
| [51] | C07D 401/08 | [11] | 40045213     |
|      | C07D 401/14 |      | EP3768669 B1 |
|      |             | [13] | B            |

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| [51] | C07D 401/12 | [11] | 40078982     |
|      | A61K 31/444 |      | EP4126842 B1 |
|      | A61P 23/00  |      |              |
|      |             | [13] | B            |

[25] EN

[21] 62023068906.4 [22] 23.02.2023

[86] 24.05.2021 PCT/US2021/033853

[87] 02.12.2021 WO2021/242677

[30] 28.05.2020 US, 63/031,073

[54] TRKA INHIBITOR

TRKA 抑制劑

[73] ELI LILLY AND COMPANY

Lilly Corporate Center

Indianapolis, IN 46285  
UNITED STATES OF AMERICA

[72] COATES, David, Andrew  
LINDER, Ryan, James  
MALET-SANZ, Laia

[74] CHAN, TANG & KWOK  
Rooms 2503-4, 25/F, Shanghai Industrial Investment Building  
48-62 Hennessy Road, Wanchai  
HONG KONG

[51] C07D 401/14 [11] 40045213  
C07D 413/14 EP3768669 B1  
C07D 401/08  
C07D 417/14  
C07D 471/04  
C07D 491/107  
A61K 31/496  
A61K 31/497  
A61K 31/501  
A61K 31/506  
A61P 31/00  
A61P 11/00  
A61P 25/16  
A61P 13/00  
A61P 25/28  
A61P 25/18  
A61P 25/30  
A61P 11/06  
A61P 25/10

[13] B

[25] EN

[21] 62021034709.7 [22] 08.07.2021

[86] 25.03.2019 PCT/US2019/023916

[87] 26.09.2019 WO2019/183636

[30] 23.03.2018 US, 62/647,106

[54] PIPERAZINE AZASPIRO DERIVATES  
呱嗪氮雜螺衍生物

[73] Pfizer Inc.  
66 Hudson Boulevard East  
New York, NY 10001-2192  
UNITED STATES OF AMERICA

[72] ZHANG, Lei  
LACHAPELLE, Erik, Alphie  
BUTLER, Christopher, Ryan  
KABLAOU, Natasha, Mariam  
BRODNEY, Michael, Aaron  
MCALLISTER, Laura, Ann  
YANG, Qingyi

HELAL, Christopher, John  
WEBB, Damien

[74] MARKS & CLERK  
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100 Cyberport Road, Pok Fu Lam  
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[51] C07D 403/12 [11] 40076942  
A61K 31/501 CN114650990 B  
A61P 29/00

[13] B

[25] ZH

[21] 62022065395.5 [22] 08.12.2022

[86] 09.03.2021 PCT/CN2021/079752

[87] 16.09.2021 WO2021/180072

[30] 11.03.2020 US,62/988,317

[54] HETEROCYCLIC COMPOUNDS FOR INHIBITING TYK2 ACTIVITIES  
抑制 TYK2 活性的雜環類化合物

[73] Beijing Innocare Pharma Tech Co., Ltd.  
北京諾誠健華醫藥科技有限公司  
Bldg. 8, No. 8 Life Science Park Rd., Changping District  
Beijing 102206  
CHINA

[72] CHEN, Xiangyang 陳向陽  
PANG, Yucheng 龐育成

[74] HONGKONG QIDE PROFESSIONAL ACCOUNTING & SECRETARIES LIMITED  
Unit C, 9/F Winning House  
No.72-74 Wing Lok Street, Sheung Wan  
HONG KONG

[51] C07D 405/12 [11] 40012525  
C07D 405/14 EP3555076 B1

[13] B

[51] C07D 405/14 [11] 40012525  
C07D 417/12 EP3555076 B1  
C07D 417/10  
C07D 417/14  
A61K 31/541  
C07D 405/12  
C07D 409/12  
C07D 213/64

[13] B

[25] EN

[21] 62020002496.1 [22] 10.02.2020

[86] 14.12.2017 PCT/KR2017/014757

[87] 21.06.2018 WO2018/111012

[30] 15.12.2016 KR,10-2016-0171541  
13.12.2017 KR,10-2017-0171228

[54] NOVEL PHENYL PROPIONIC ACID DERIVATIVES AND USES THEREOF  
新型苯基丙酸衍生物及其用途

[73] Il Dong Pharmaceutical Co., Ltd.  
2, Baumoe-ro 27-gil, Seocho-gu  
Seoul 06752  
REPUBLIC OF KOREA

[72] KANG, Jae-Hoon  
LEE, Hong-Sub  
AN, Kyung-Mi  
HONG, Chang-Hee  
KWAK, Hyun-Jung  
CUI, Shuo-Lin  
SONG, Hyo-Jung

[74] HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED  
Room 1701, 17/F, Hong Kong Trade Centre  
Nos. 161-167 Des Voeux Road, Central  
HONG KONG

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[51] C07D 409/12 [11] 40012525  
C07D 405/14 EP3555076 B1

[13] B

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[51] C07D 413/14 [11] 40045213  
C07D 401/14 EP3768669 B1

[13] B

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[51] C07D 417/10 [11] 40012525  
C07D 405/14 EP3555076 B1

[13] B

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[51] C07D 417/12 [11] 40012525  
C07D 405/14 EP3555076 B1

[13] B

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[51] C07D 417/14 [11] 40012525  
C07D 405/14 EP3555076 B1  
[13] B

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[51] C07D 417/14 [11] 40045213  
C07D 401/14 EP3768669 B1  
[13] B

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[51] C07D 455/06 [11] 40017274  
C07F 7/10 CN110678465 B  
[13] B

[25] ZH

[21] 62020007682.1 [22] 18.05.2020

[86] 25.05.2018 PCT/US2018/034691

[87] 06.12.2018 WO2018/222549

[30] 31.05.2017 US, 62/513,217

[54] NOVEL DEUTERIUM SUBSTITUTED POSITRON EMISSION TOMOGRAPHY  
(PET) IMAGING AGENTS AND THEIR PHARMACOLOGICAL APPLICATION  
新型氘取代的正電子發射斷層掃描(PET)顯像劑及其藥理學應用

[73] FIVE ELEVEN PHARMA INC.  
五一一制药股份有限公司  
3700 MARKET STREET, SUITE 305, PHILADELPHIA, PA  
19104, U.S.A.  
UNITED STATES OF AMERICA

[72] WU, ZEHUI 吴泽辉  
ZHA, ZHIHAO 查智豪  
LIU, FUTAO 刘福涛  
PLOESSL, KARL K·普莱索  
CHOI, SEOK RYE S·R·崔  
KUNG, HANK F. H·F·孔

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

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[51] C07D 471/04 [11] 40042159  
C07D 487/04 EP3749669 B1  
C07D 498/04  
C07D 513/04  
A61P 35/00  
A61K 31/519

[13] B

[25] EN

[21] 62021031748.8 [22] 25.05.2021

[86] 05.02.2019 PCT/US2019/016705

[87] 15.08.2019 WO2019/156987

[30] 06.02.2018 US,62/626,739

16.01.2019 US,62/793,260

[54] AHR MODULATORS

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South San Francisco, California 94080

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[72] ALAM, Muzaffar

BECK, Hilary, Plake

DILLON, Michael, Patrick

GONZALEZ-LOPEZ, Marcos

SUTTON, James, Clifford, Jr.

[74] CHINAHONGKONG IP LIMITED

1502, 15/F, Capital Centre, 151 Gloucester Road, Wanchai

HONG KONG

[51] C07D 471/04

C07D 401/14

[11] 40045213

EP3768669 B1

[13] B

[51] C07D 471/04

C07D 277/82

[11] 40061360

CN113508109 B

[13] B

[51] C07D 471/04

C07D 241/44

[11] 40073782

CN115151532 B

[13] B

[51] C07D 487/04

C07D 471/04

[11] 40042159

EP3749669 B1

[13] B

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|------|-------------|------|---------------|
| [51] | C07D 487/04 | [11] | 40073782      |
|      | C07D 241/44 |      | CN115151532 B |
|      |             | [13] | B             |

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| [51] | C07D 491/107 | [11] | 40045213     |
|      | C07D 401/14  |      | EP3768669 B1 |
|      |              | [13] | B            |

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| [51] | C07D 498/04 | [11] | 40042159     |
|      | C07D 471/04 |      | EP3749669 B1 |
|      |             | [13] | B            |

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|------|-------------|------|--------------|
| [51] | C07D 513/04 | [11] | 40042159     |
|      | C07D 471/04 |      | EP3749669 B1 |
|      |             | [13] | B            |

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| [51] | C07F 7/10   | [11] | 40017274      |
|      | C07D 455/06 |      | CN110678465 B |
|      |             | [13] | B             |

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|------|--------------|------|---------------|
| [51] | C07H 19/16   | [11] | 40052933      |
|      | C07H 19/20   |      | CN113366008 B |
|      | C07H 19/207  |      |               |
|      | A61K 31/70   |      |               |
|      | A61K 31/7052 |      |               |
|      | A61K 31/7076 |      |               |
|      | A61P 35/00   |      |               |
|      |              | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62021040306.4 | [22] | 12.10.2021 |
|------|---------------|------|------------|

[86] 27.04.2020 PCT/CN2020/087259

[87] 05.11.2020 WO2020/221209

[30] 28.04.2019 CN,201910350348.6

13.06.2019 CN,201910510367.0

27.12.2019 CN,201911375322.3

[54] CD73 INHIBITOR, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

一種 CD73 抑制劑，其製備方法和應用

- [73] ABBISKO THERAPEUTICS CO., LTD.  
上海和譽生物醫藥科技有限公司  
No. 3, Lane 898, HaLei Road  
China (Shanghai) Pilot Free Trade Zone  
Pudong New Area, Shanghai 201203  
CHINA
- [72] DENG, Haibing 鄧海兵  
YU, Hongping 喻紅平  
CHEN, Zhui 陳椎  
XU, Yaochang 徐耀昌
- [74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
HONG KONG

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- |      |            |      |               |
|------|------------|------|---------------|
| [51] | C07H 19/20 | [11] | 40052933      |
|      | C07H 19/16 |      | CN113366008 B |
|      |            | [13] | B             |
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|------|-------------|------|---------------|
| [51] | C07H 19/207 | [11] | 40052933      |
|      | C07H 19/16  |      | CN113366008 B |
|      |             | [13] | B             |
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|------|-------------|------|---------------|
| [51] | C07K 16/00  | [11] | 40004712      |
|      | A61K 39/395 |      | CN109790215 B |
|      | C12N 15/13  |      |               |
|      | A61P 37/02  |      |               |
|      | A61P 35/00  |      |               |
|      |             | [13] | B             |
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[25] ZH

[21] 19128196.3 [22] 14.08.2019

[86] 28.09.2017 PCT/CN2017/104044

[87] 05.04.2018 WO2018/059502

[30] 29.09.2016 CN,201610863814.7

[54] HETERODIMERIC IMMUNOGLOBULIN CONSTRUCTS AND PREPARATION  
METHODS THEREOF

異源二聚體免疫球蛋白構建體和其製備方法

[73] BEIJING HANMI PHARMACEUTICAL CO., LTD.

北京韓美藥品有限公司

中國

北京市順義區天竺空港工業區 A 區

天柱西路 10 號, 101312

[72] LIU, Jiawang 劉家望  
SONG, Nanmeng 宋楠萌  
YANG, Dongge 楊東歌  
YANG, Yaping 楊亞平  
KIM, Maengsup 金孟燮

[74] 百睿知識產權有限公司  
香港  
新界沙田香港科學園  
科技大道西 10 號浚湖樓 617 室

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[51] C07K 16/28 [11] 40011973  
CN110114674 B  
[13] B

[25] ZH

[21] 62020001849.2 [22] 21.01.2020

[86] 11.12.2017 PCT/EP2017/082112

[87] 21.06.2018 WO2018/108759

[30] 13.12.2016 EP,16203724.6

[54] METHOD TO DETERMINE THE PRESENCE OF A TARGET ANTIGEN IN A  
TUMOR SAMPLE  
確定腫瘤樣品中存在靶抗原的方法

[73] F. HOFFMANN-LA ROCHE AG  
GRENZACHERSTRASSE 124  
4070 BASEL  
SWITZERLAND

[72] GEIGER, Martina  
KLEIN, Christian

[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
HONG KONG

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[51] C07K 16/28 [11] 40015870  
CN110382542 B  
[13] B

[25] ZH

[21] 62020005153.5 [22] 01.04.2020

[86] 27.03.2018 PCT/EP2018/057769

[87] 04.10.2018 WO2018/178076

[30] 29.03.2017 EP,17163561.8

[54] BISPECIFIC ANTIGEN BINDING MOLECULE FOR A COSTIMULATORY TNF RECEPTOR

針對共刺激性 TNF 受體的雙特異性抗原結合分子

[73] F. HOFFMANN-LA ROCHE AG

豪夫迈·罗氏有限公司

Grenzacherstrasse 124,

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SWITZERLAND

[72] AMANN, Maria

GRAU-RICHARDS, Sandra

KLEIN, Christian

PINCHA, Mudita

UMAÑA, Pablo

[74] CHINAHONGKONG IP LIMITED

1502, 15/F, Capital Centre, 151 Gloucester Road, Wanchai

HONG KONG

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[51] C07K 16/28

C12N 15/13

[11] 40069799

CN114040925 B

[13] B

[25] ZH

[21] 62022057884.8

[22] 04.08.2022

[86] 24.12.2020 PCT/CN2020/138800

[87] 01.07.2021 WO2021/129697

[30] 24.12.2019 CN, PCT/CN2019/127915

[54] ANTI-SIRP $\alpha$  MONOCLONAL ANTIBODIES AND USES THEREOF

抗 SIRP $\alpha$  單克隆抗體及其用途

[73] LANOVA MEDICINES LIMITED

礼新医药科技(上海)有限公司

2889 Jinke Road, Building 10, Room 318

Chamtime Plaza, Shanghai 201203

CHINA

[72] LI, Runsheng 李润生

[74] CHAN, TANG & KWOK

Rooms 2503-4, 25/F, Shanghai Industrial Investment Building

48-62 Hennessy Road, Wanchai

HONG KONG

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[51] C07K 16/40

G01N 33/50

[11] 40006266

EP3456744 B1

[13] B

[25] EN

[21] 19129712.6

[22] 17.09.2019

[30] 20.01.2013 US, 201361754607 P

[54] EVALUATION AND TREATMENT OF BRADYKININ-MEDIATED DISORDERS  
緩激肽介導的病症的評估和治療

[73] Takeda Pharmaceutical Company Limited  
1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi  
Osaka  
JAPAN

[72] Daniel, J. SEXTON  
Ryan FAUCETTE  
Jon, A. KENNISTON  
Greg CONLEY  
Andrew NIXON  
Christopher TENHOOR  
Burt ADELMAN  
Yung CHYUNG

[74] Deacons  
5th Floor, Alexandra House  
18 Chater Road, Central  
HONG KONG

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[51] C08G 18/67 [11] 40057603  
C07C 21/14 CN113227188 B  
C07C 33/42  
C08L 75/04

[13] B

[25] ZH

[21] 62021045460.4 [22] 30.12.2021

[86] 20.12.2019 PCT/US2019/067750

[87] 02.07.2020 WO2020/139742

[30] 27.12.2018 US,62/785483

[54] BROMINATED FLAME RETARDANTS AND POLYURETHANES CONTAINING THE  
SAME  
溴化阻燃劑和含有該溴化阻燃劑的聚氨酯

[73] ALBEMARLE CORPORATION  
4350 CONGRESS STREET  
SUITE 700 CHARLOTTE, NC 28209-4953  
UNITED STATES OF AMERICA

[72] IBAY, Augusto, C.  
WU, Tse-Chong  
VARNADO, JR., Charles, D.  
LIU, Yunqi

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | C08J 9/38<br>B29C 44/56 | [11] | 40048588<br>CN112512772 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|--------------------------|
| [51] | C08K 5/05<br>A01N 25/00 | [11] | 40048143<br>EP3790653 B1 |
|      |                         | [13] | B                        |

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|------|--------------------------|------|---------------------------|
| [51] | C08L 75/04<br>C08G 18/67 | [11] | 40057603<br>CN113227188 B |
|      |                          | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | C09C 1/00<br>B42D 25/373 | [11] | 40051508<br>CN113498384 B |
|      |                          | [13] | B                         |

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|------|----------------------------|------|---------------------------|
| [51] | C09D 11/037<br>B42D 25/373 | [11] | 40051508<br>CN113498384 B |
|      |                            | [13] | B                         |

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|------|------------------------------------------------------|------|---------------------------|
| [51] | C09K 11/08<br>C09K 11/61<br>C09K 11/66<br>C09K 11/67 | [11] | 40061069<br>CN113366085 B |
|      |                                                      | [13] | B                         |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022049453.3 | [22] | 07.03.2022 |
|------|---------------|------|------------|

[86] 19.03.2020 PCT/JP2020/012443

[87] 15.10.2020 WO2020/209032

[30] 09.04.2019 JP,2019-073863  
17.03.2020 JP,2020-046788

[54] RED PHOSPHOR AND METHOD FOR PRODUCING SAME  
紅色熒光體及其製造方法

[73] STELLA CHEMIFA CORPORATION  
斯泰拉化工公司  
4-1-1, Fushimi-machi, Chuo-ku  
Osaka-shi Osaka 541-0044  
JAPAN

[72] Hiroaki TAKATORI 鷹取浩明  
Shinya KUMAZAWA 熊澤伸哉  
Tetsuya ARAKAWA 荒川徹哉  
Tetsuo NISHIDA 西田哲郎

[74] UNI-INTEL PATENT AND TRADEMARK LAW FIRM LIMITED  
12/F., San Toi Building  
137-139 Connaught Road Central  
HONG KONG

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|------|------------|------|---------------|
| [51] | C09K 11/61 | [11] | 40061069      |
|      | C09K 11/08 |      | CN113366085 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | C09K 11/66 | [11] | 40061069      |
|      | C09K 11/08 |      | CN113366085 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | C09K 11/67 | [11] | 40061069      |
|      | C09K 11/08 |      | CN113366085 B |
|      |            | [13] | B             |

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|------|------------|------|--------------|
| [51] | C09K 23/38 | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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| [51] | C09K 3/30 | [11] | 40011950      |
|      | C11D 7/30 |      | CN110268042 B |
|      |           | [13] | B             |

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|------|------------|------|--------------|
| [51] | C11D 1/02  | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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| [51] | C11D 1/38  | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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| [51] | C11D 1/66  | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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| [51] | C11D 1/72  | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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| [51] | C11D 1/94  | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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| [51] | C11D 3/00  | [11] | 40048143     |
|      | A01N 25/00 |      | EP3790653 B1 |
|      |            | [13] | B            |

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|------|------------|------|---------------|
| [51] | C11D 7/30  | [11] | 40011950      |
|      | C09K 3/30  |      | CN110268042 B |
|      | C11D 7/50  |      |               |
|      | C23G 5/028 |      |               |
|      | C23G 5/032 |      |               |
|      |            | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62020001787.4 | [22] | 21.01.2020 |
|------|---------------|------|------------|

[86] 14.12.2017 PCT/JP2017/044997

[87] 21.06.2018 WO2018/110679

[30] 15.12.2016 JP,2016-243786

[54] DETERGENT COMPOSITION AND AEROSOL COMPOSITION OF SAME  
洗淨劑組合物及其氣霧組合物

[73] KOBEGOSEI CO.,LTD.  
神戸合成株式会社  
10 Takumidai, Ono-shi  
Hyogo 6751322  
JAPAN

[72] MIYAOKA Masanobu 宮岡督修  
MIYAOKA Yuuji 宮岡祐士

[74] LI Wing Hong  
Room 2302, 23/F, Lee Garden Two  
28 Yun Ping Road, Causeway Bay  
HONG KONG

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|------|-----------|------|---------------|
| [51] | C11D 7/50 | [11] | 40011950      |
|      | C11D 7/30 |      | CN110268042 B |
|      |           | [13] | B             |

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|------|------------|------|---------------|
| [51] | C12J 1/00  | [11] | 40008105      |
|      | A23L 27/60 |      | CN109788792 B |
|      |            | [13] | B             |

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|------|------------|------|--------------|
| [51] | C12M 3/00  | [11] | 40051978     |
|      | A61L 27/36 |      | EP3830243 B1 |
|      | A61L 27/50 |      |              |
|      |            | [13] | B            |

[25] EN

[21] 62021040353.6 [22] 13.10.2021

[86] 02.08.2019 PCT/IB2019/056621

[87] 06.02.2020 WO2020/026212

[30] 03.08.2018 US,62/714,200

[54] METHODS OF PREPARING PERSONALIZED BLOOD VESSELS  
製備個性化血管的方法

[73] VeriGraft AB  
Arvid Wallgrens backe 20  
413 46 Goteborg / SE  
SWEDEN

[72] Raimund STREHL

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Unit 2301, 23/F, Golden Centre  
188 Des Voeux Road Central  
HONG KONG

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|------|------------|------|-------------|
| [51] | C12M 3/06  | [11] | 40043600    |
|      | C12N 5/071 |      | GB2585150 B |
|      |            | [13] | B           |

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[51] C12N 11/08 [11] 40060639  
C12P 19/30 EP3874056 B1  
[13] B

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[51] C12N 11/08 [11] 40060648  
C12P 19/30 EP3874055 B1  
[13] B

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[51] C12N 11/087 [11] 40060639  
C12P 19/30 EP3874056 B1  
[13] B

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[51] C12N 11/087 [11] 40060648  
C12P 19/30 EP3874055 B1  
[13] B

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[51] C12N 15/10 [11] 40008760  
A61K 47/51 CN109790541 B  
[13] B

[25] ZH

[21] 19131979.7 [22] 07.11.2019

[86] 27.09.2017 PCT/EP2017/074480

[87] 05.04.2018 WO2018/060238

[30] 29.09.2016 EP,16191511.1  
16.02.2017 EP,17156440.4

[54] METHOD TO ANALYZE AND OPTIMIZE GENE EDITING MODULES AND  
DELIVERY APPROACHES  
分析並優化基因編輯模塊和遞送方案的方法

[73] F. HOFFMANN-LA ROCHE AG  
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SWITZERLAND

[72] BRINKMANN, Ulrich  
KILLIAN, Tobias

[74] FEDERATION OF HONG KONG INDUSTRIES  
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8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
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|------|-------------------------|------|--------------------------|
| [51] | C12N 15/11<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                         | [13] | B                        |

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|------|--------------------------|------|---------------------------|
| [51] | C12N 15/13<br>C07K 16/00 | [11] | 40004712<br>CN109790215 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | C12N 15/13<br>C07K 16/28 | [11] | 40069799<br>CN114040925 B |
|      |                          | [13] | B                         |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | C12N 15/88<br>A61K 9/00 | [11] | 40058902<br>EP3860561 B1 |
|      |                         | [13] | B                        |

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|------|-------------------------|------|-------------------------|
| [51] | C12N 5/02<br>C12N 5/071 | [11] | 40043600<br>GB2585150 B |
|      |                         | [13] | B                       |

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|------|-----------------------------------------------------------------|------|-------------------------|
| [51] | C12N 5/071<br>C12M 3/06<br>C12N 5/02<br>C12N 5/074<br>C12N 5/16 | [11] | 40043600<br>GB2585150 B |
|      |                                                                 | [13] | B                       |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62021033199.2 | [22] | 16.06.2021 |
|------|---------------|------|------------|

[86] 05.02.2019 PCT/US2019/016680

[87] 08.08.2019 WO2019/153004

[30] 05.02.2018 US, 62/626,427

[54] STEM CELL-BASED LUNG-ON-CHIP MODELS  
基於幹細胞的肺晶片模型

[73] EMULATE, INC.  
27 Drydock  
Boston 02110, Massachusetts  
UNITED STATES OF AMERICA

[72] Janna Nawroth  
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David Conegliano  
Remi Villenave  
Carolina Lucchesi  
Justin K Nguyen  
Antonio Varone  
Catherine Karalis  
Geraldine Hamilton

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HONG KONG

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|------|------------|------|-------------|
| [51] | C12N 5/074 | [11] | 40043600    |
|      | C12N 5/071 |      | GB2585150 B |
|      |            | [13] | B           |

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|------|------------|------|-------------|
| [51] | C12N 5/16  | [11] | 40043600    |
|      | C12N 5/071 |      | GB2585150 B |
|      |            | [13] | B           |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 9/10  | [11] | 40060639     |
|      | C12P 19/30 |      | EP3874056 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 9/10  | [11] | 40060648     |
|      | C12P 19/30 |      | EP3874055 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 9/12  | [11] | 40060639     |
|      | C12P 19/30 |      | EP3874056 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 9/12  | [11] | 40060648     |
|      | C12P 19/30 |      | EP3874055 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
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| [51] | C12N 9/14  | [11] | 40060639     |
|      | C12P 19/30 |      | EP3874056 B1 |

[13] B

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|      |            |      |              |
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| [51] | C12N 9/14  | [11] | 40060648     |
|      | C12P 19/30 |      | EP3874055 B1 |

[13] B

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12P 19/00 | [11] | 40048426     |
|      | C12P 19/32 |      | EP3784792 B1 |

[13] B

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12P 19/02 | [11] | 40048426     |
|      | C12P 19/32 |      | EP3784792 B1 |

[13] B

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|      |            |      |              |
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| [51] | C12P 19/18 | [11] | 40048426     |
|      | C12P 19/32 |      | EP3784792 B1 |

[13] B

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12P 19/18 | [11] | 40060639     |
|      | C12P 19/30 |      | EP3874056 B1 |

[13] B

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|      |            |      |              |
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| [51] | C12P 19/18 | [11] | 40060648     |
|      | C12P 19/30 |      | EP3874055 B1 |

[13] B

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12P 19/30 | [11] | 40060639     |
|      | C12P 19/18 |      | EP3874056 B1 |
|      | C12N 11/08 |      |              |
|      | C12N 9/12  |      |              |

C12N 9/10  
C12N 9/14  
C12N 11/087  
C12P 21/00

[13] B

[25] EN

[21] 62022049348.5 [22] 04.03.2022

[86] 30.09.2020 PCT/EP2020/077383

[87] 14.05.2021 WO2021/089249

[30] 05.11.2019 EP,19207017.5

[54] ENZYMATIC METHOD FOR PREPARATION OF UDP-GLCNAC  
用於製備 UDP-GLCNAC 的酶促方法

[73] Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.  
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[72] MAHOUR, Reza  
REXER, Thomas F. T.

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] C12P 19/30 [11] 40060648  
C12P 19/18 EP3874055 B1  
C12N 11/08  
C12N 11/087  
C12N 9/12  
C12N 9/10  
C12N 9/14  
C12P 21/00

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[86] 30.09.2020 PCT/EP2020/077396

[87] 14.05.2021 WO2021/089251

[30] 05.11.2019 EP,19207016.7

[54] ENZYMATIC METHOD FOR PREPARATION OF UDP-GALACTOSE  
用於製備 UDP-半乳糖的酶催化法

[73] Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.  
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[72] MAHOUR, Reza  
REXER, Thomas F. T.

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] C12P 19/32 [11] 40048426  
C12P 19/02 EP3784792 B1  
C12P 19/18  
C12P 19/00  
C12P 21/00

[13] B

[25] EN

[21] 62021037376.2 [22] 23.08.2021

[86] 31.03.2020 PCT/EP2020/059182

[87] 08.10.2020 WO2020/201315

[30] 01.04.2019 EP,19166549

[54] ENZYMATIC METHOD FOR PREPARATION OF GDP-FUCOSE  
製備 GDP-岩藻糖的酶促法

[73] Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.  
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[72] MAHOUR, Reza  
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C12P 19/32 EP3784792 B1

[13] B

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[51] C12P 21/00 [11] 40060639  
C12P 19/30 EP3874056 B1

[13] B

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[51] C12P 21/00 [11] 40060648  
C12P 19/30 EP3874055 B1

[13] B

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[51] C12Q 1/6844 [11] 40042172  
EP3814527 B1  
[13] B

[25] EN

[21] 62021031769.4 [22] 25.05.2021

[86] 26.06.2019 PCT/US2019/039167

[87] 02.01.2020 WO2020/006036

[30] 26.06.2018 US, 62/690,257  
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14.03.2019 US, 62/818,650

[54] CRISPR EFFECTOR SYSTEM BASED AMPLIFICATION METHODS, SYSTEMS,  
AND DIAGNOSTICS  
基於 CRISPR 效應系統的放大方法，系統和診斷

[73] Massachusetts Institute of Technology  
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[72] ZHANG, Feng  
KELLNER, Max  
GOOTENBERG, Jonathan  
ABUDAYYEH, Omar

[74] VIVIEN CHAN & CO  
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[51] C22C 13/00 [11] 40071168  
B23K 35/26 CN114746209 B  
[13] B

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[51] C22C 13/02 [11] 40071168  
B23K 35/26 CN114746209 B  
[13] B

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| [51] | C23G 5/028 | [11] | 40011950      |
|      | C11D 7/30  |      | CN110268042 B |

[13] B

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|      |            |      |               |
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| [51] | C23G 5/032 | [11] | 40011950      |
|      | C11D 7/30  |      | CN110268042 B |

[13] B

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| [51] | D04B 1/00 | [11] | 40056666      |
|      | D04B 1/18 |      | CN113853459 B |
|      | D04B 1/14 |      |               |
|      | D04B 1/16 |      |               |

[13] B

[25] ZH

[21] 62022046339.7 [22] 14.01.2022

[86] 14.05.2020 PCT/JP2020/019318

[87] 19.11.2020 WO2020/230859

[30] 14.05.2019 JP,2019-091306

[54] KNITTED FABRIC AND GARMENT

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[73] Asahi Kasei Kabushiki Kaisha

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[72] AKITA, Shoichi 秋田祥一

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| [51] | D04B 1/14 | [11] | 40056666      |
|      | D04B 1/00 |      | CN113853459 B |

[13] B

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| [51] | D04B 1/16 | [11] | 40056666      |
|      | D04B 1/00 |      | CN113853459 B |

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[51] D04B 1/18 [11] 40056666  
D04B 1/00 CN113853459 B

[13] B

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[51] E02D 17/13 [11] 40015786  
E02D 7/02 EP3584370 B1

[13] B

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[51] E02D 7/02 [11] 40015786  
E02D 7/06 EP3584370 B1  
E02D 7/12  
E02D 7/14  
E02D 7/16  
E02D 17/13  
E21B 7/02  
E21B 15/00

[13] B

[25] DE

[21] 42020006529.0 [22] 27.04.2020

[54] CONSTRUCTION EQUIPMENT AND METHOD FOR OPERATING SAME  
建築設備和用於操作建築設備的方法

[73] BAUER Spezialtiefbau GmbH  
BAUER-Str. 1  
86529 Schrobenhausen  
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[72] Karl, Herbert  
Kulzinger, Robert  
Stöckl, Josef

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
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[51] E02D 7/06 [11] 40015786  
E02D 7/02 EP3584370 B1

[13] B

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|------|-----------|------|--------------|
| [51] | E02D 7/12 | [11] | 40015786     |
|      | E02D 7/02 |      | EP3584370 B1 |
|      |           | [13] | B            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | E02D 7/14 | [11] | 40015786     |
|      | E02D 7/02 |      | EP3584370 B1 |
|      |           | [13] | B            |

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|      |           |      |              |
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| [51] | E02D 7/16 | [11] | 40015786     |
|      | E02D 7/02 |      | EP3584370 B1 |
|      |           | [13] | B            |

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|------|-------------|------|---------------|
| [51] | E04D 1/36   | [11] | 40025626      |
|      | H02S 20/25  |      | CN110892120 B |
|      | F24S 25/613 |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 62020015337.2 [22] 03.09.2020

[86] 04.06.2018 PCT/US2018/035924

[87] 13.12.2018 WO2018/226610

[30] 05.06.2017 US, 62/515,434  
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[54] SIDELAP INTERCONNECT FOR PHOTOVOLTAIC ROOFING MODULES  
用於光伏屋頂模塊的側擋板互連

[73] TESLA, INC.  
特斯拉股份有限公司  
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[72] SEERY, MARTIN M·西里  
MOLINA, DAVID D·莫利納  
GUTHRIE, TREVOR B. T·B·格里  
ANDERSON, THOMAS T·安德森  
HEWLETT, JONATHAN J·休利特

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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E02D 7/02 EP3584370 B1  
[13] B

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[51] E21B 7/02 [11] 40015786  
E02D 7/02 EP3584370 B1  
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[51] F16M 11/08 [11] 40069077  
H04N 23/50 EP4007256 B1  
[13] B

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[51] F16M 11/14 [11] 40062207  
CN114174711 B  
[13] B

[25] ZH

[21] 62022051501.4 [22] 11.04.2022

[86] 13.05.2020 PCT/US2020/032758

[87] 19.11.2020 WO2020/232176

[30] 13.05.2019 US, 62/847,174

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24.01.2020 US, 62/965,597

[54] CLOSE-PACK, HIGH-ASPECT-RATIO CAMERA TRIPOD  
緊密型高縱橫比照相機三腳架

[73] PEAK DESIGN

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[72] JANKURA, Robb 罗布·扬库拉

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DERING, Peter 彼得·迪林

LOCKETT, Peter 彼得·洛基特

VIGER, Arthur 亚瑟·维格

GANS, Andrew, Wheeler 安德鲁·惠勒·甘斯

MALLADI, Kiran 基兰·马拉迪

[74] HNC INNOVATION LIMITED

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | F16M 11/18<br>H04N 23/50 | [11] | 40069077<br>EP4007256 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | F16M 13/02<br>H04N 23/50 | [11] | 40069077<br>EP4007256 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|---------------------------|
| [51] | F24S 25/613<br>E04D 1/36 | [11] | 40025626<br>CN110892120 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G01B 11/24<br>G06V 30/14 | [11] | 40010294<br>CN110546650 B |
|      |                          | [13] | B                         |

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| [51] | G01N 21/25<br>A61B 5/00 | [11] | 40019747<br>CN110573064 B |
|      |                         | [13] | B                         |

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| [51] | G01N 33/50<br>C07K 16/40 | [11] | 40006266<br>EP3456744 B1 |
|      |                          | [13] | B                        |

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|------|------------|------|--------------------------|
| [51] | G01N 33/68 | [11] | 40008817<br>EP3483611 B1 |
|      |            | [13] | B                        |

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| [21] | 19132045.6 | [22] | 08.11.2019 |
|------|------------|------|------------|

[30] 29.09.2011 US, 61/540,839  
14.09.2012 US, 61/701,489

[54] INTACT MASS DETERMINATION OF PROTEIN CONJUGATED AGENT  
COMPOUNDS  
蛋白偶聯的試劑化合物的整體分子量測定

- [73] Seagen Inc.  
21823 30th Drive S.E., Bothell, WA 98021  
UNITED STATES OF AMERICA
- [72] VALLIERE-DOUGLASS, John Fay  
SALAS, Oscar
- [74] HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED  
Room 1701, 17/F, Hong Kong Trade Centre  
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- [51] G01R 33/34 [11] 40065288  
CN113767295 B  
[13] B
- [25] ZH
- [21] 62022054116.8 [22] 26.05.2022
- [86] 24.02.2020 PCT/US2020/019524
- [87] 27.08.2020 WO2020/172672
- [30] 22.02.2019 US,62/809,503
- [54] PSEUDO-BIRDCAGE COIL WITH VARIABLE TUNING AND APPLICATIONS  
THEREOF  
可變調諧的偽鳥籠線圈及其應用
- [73] PROMAXO, INC.  
普罗马克索公司  
70 Washington Street, Suite 407  
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加利福尼亚
- [72] NACEV, Aleksandar 亚历山大·纳塞夫  
José Miguel Algarín Guisado 约瑟·米格尔·阿尔加林·吉萨多
- [74] 智理合創有限公司  
香港  
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二座十二樓 1205-1208 室
- 

- [51] G02B 27/42 [11] 40003512  
G02B 6/00 CN109844406 B  
[13] B
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- [51] G02B 30/33 [11] 40003512  
G02B 6/00 CN109844406 B

[13] B

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[51] G02B 5/18 [11] 40003512  
G02B 6/00 CN109844406 B

[13] B

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[51] G02B 6/00 [11] 40003512  
G02B 5/18 CN109844406 B  
G02B 30/33  
G02B 27/42

[13] B

[25] ZH

[21] 19126995.0 [22] 18.07.2019

[86] 04.10.2017 PCT/US2017/055178

[87] 12.04.2018 WO2018/067725

[30] 05.10.2016 US, 62/404,747

[54] TRANSPARENT DISPLAY AND METHOD

透明顯示器和方法

[73] LEIA Inc.

鐳亞股份有限公司

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[72] FATTAL, David A.

[74] LIU, SHEN & ASSOCIATES

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G03G 21/18 CN110945440 B

[13] B

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[51] G03G 21/18 [11] 40016466  
G03G 15/08 CN110945440 B

[13] B

[25] ZH

[21] 62020005895.1 [22] 15.04.2020

[86] 15.06.2018 PCT/JP2018/023714

[87] 20.12.2018 WO2018/230744

- [30] 15.06.2017 JP,2017-117890
- [54] CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMATION DEVICE  
盒與電子照相圖像形成裝置
- [73] Canon Kabushiki Kaisha  
30-2, Shimomaruko 3-chome Ohta-ku  
Tokyo, 1468501
- [72] Shinichi NISHIDA 西田真一  
Yuichi FUKUI 福井悠一  
Tetsushi UNEME 采女哲士  
Yasuyuki EGAMI 江上恭行  
Yohei ANZAI 安西洋平  
Takeo KAWANAMI 河波健男  
Toshiki FUJINO 藤野俊輝  
Sohta SUGIMOTO 杉本聡太  
Fumiya SAWASHIMA 澤島史弥
- [74] DEACONS  
5th Floor, Alexandra House  
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- 
- [51] G04B 13/02 [11] 40050280  
G04B 17/34 CN112740116 B
- [13] B
- [25] ZH
- [21] 62021040016.9 [22] 07.10.2021
- [86] 28.08.2019 PCT/EP2019/072968
- [87] 26.03.2020 WO2020/057919
- [30] 21.09.2018 EP,18196016.2
- [54] ELASTIC RETAINING MEMBER FOR ATTACHING A TIMEPIECE COMPONENT  
TO A SUPPORT ELEMENT  
用於將鐘錶構件固定到支承元件的彈性保持件
- [73] NIVAROX-FAR S.A.  
AVENUE DU COLLÈGE 10, 2400 LE LOCLE  
SWITZERLAND
- [72] HERNANDEZ, Ivan  
CUSIN, Pierre
- [74] FEDERATION OF HONG KONG INDUSTRIES  
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8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
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- 
- [51] G04B 17/34 [11] 40050280  
G04B 13/02 CN112740116 B

[13] B

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[51] G05B 19/042 [11] 40073455  
G06F 8/34 EP3973363 B1

[13] B

[25] DE

[21] 62022061579.8 [22] 30.09.2022

[86] 27.04.2020 PCT/AT2020/060169

[87] 26.11.2020 WO2020/232486

[30] 20.05.2019 AT,A50458/2019

[54] COMPUTER-IMPLEMENTED METHOD FOR COMPUTER-AIDED GENERATION OF  
AN EXECUTABLE CONTROL PROGRAM FOR THE CONTROL AND/OR  
REGULATION OF A TECHNICAL PROCESS  
用於控制和/或調節技術過程的可執行控制程序的計算機輔助生成的計算機實現的方法

[73] Gruber, Markus  
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[72] GRUBER, Markus 马库斯·格鲁伯

[74] PATENT AND DESIGN LIMITED  
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[51] G06F 11/14 [11] 40027301  
G06F 8/65 CN111522561 B

[13] B

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[51] G06F 16/11 [11] 40024058  
G06F 9/46 CN111274004 B

[13] B

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[51] G06F 16/14 [11] 40024058  
G06F 9/46 CN111274004 B

[13] B

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[51] G06F 16/22 [11] 40016822  
G06F 16/2458 CN110471953 B  
[13] B

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[51] G06F 16/2458 [11] 40016822  
G06F 16/27 CN110471953 B  
G06F 16/22  
G06F 21/64  
G06Q 40/04  
[13] B

[25] ZH

[21] 42020006807.0 [22] 30.04.2020

[54] METHOD, AGENT NODE AND MEDIUM FOR DETERMINING ACCOUNTING NODE  
IN BLOCKCHAIN NETWORK

在區塊鏈網絡中確定記賬節點的方法、代理節點和介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

腾讯科技(深圳)有限公司

35/F, Tencent Building

Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan

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[72] LI, Maocai 李茂材

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KONG, Li 孔利

ZHOU, Kaiban 周开班

LAN, Hu 蓝虎

YANG, Changqing 杨常青

SHI, Yifang 时一防

DING, Yong 丁勇

LIU, Qucheng 刘区域

ZHANG, Jinsong 张劲松

ZHU, Gengliang 朱耿良

CHEN, Qiuping 陈秋平

[74] 集佳知識產權有限公司

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九龍旺角洗衣街 39-55 號

金雞廣場 12 層 1201 室

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|------|--------------|------|---------------|
| [51] | G06F 16/27   | [11] | 40016822      |
|      | G06F 16/2458 |      | CN110471953 B |
|      |              | [13] | B             |

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| [51] | G06F 16/332 | [11] | 40021671      |
|      | G06F 16/901 |      | CN110879853 B |
|      |             | [13] | B             |

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|------|------------|------|---------------|
| [51] | G06F 16/36 | [11] | 40022062      |
|      | G06F 40/58 |      | CN110807335 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/36  | [11] | 40021671      |
|      | G06F 16/901 |      | CN110879853 B |
|      |             | [13] | B             |

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| [51] | G06F 16/635 | [11] | 40021734      |
|      | G06F 16/65  |      | CN111061907 B |
|      |             | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42020012270.3 | [22] | 23.07.2020 |
|------|---------------|------|------------|

[54] MEDIA DATA PROCESSING METHOD AND DEVICE AND STORAGE MEDIUM  
媒體數據處理方法、裝置及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] G06F 16/65 [11] 40021734  
G06F 16/635 CN111061907 B  
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[51] G06F 16/81 [11] 40026147  
CN111475679 B  
[13] B

[25] ZH

[21] 42020016001.8 [22] 11.09.2020

[54] HTML DOCUMENT PROCESSING METHOD, PAGE DISPLAY METHOD AND  
DEVICE

HTML 文檔處理方法、頁面顯示方法和設備

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[51] G06F 16/901 [11] 40021671  
G06F 16/332 CN110879853 B  
G06F 16/36  
[13] B

[25] ZH

[21] 42020012066.5 [22] 22.07.2020

[54] INFORMATION VECTORIZATION METHOD AND COMPUTER READABLE  
STORAGE MEDIUM

信息向量化方法與計算機可讀存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[51] G06F 16/953

G06F 40/295

G06N 3/04

[11] 40027424

CN111563192 B

[13] B

[25] ZH

[21] 42020017708.7

[22] 12.10.2020

[54] ENTITY ALIGNMENT METHOD AND APPARATUS, ELECTRONIC DEVICE AND  
STORAGE MEDIUM

實體對齊方法、裝置、電子設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITE

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[51] G06F 16/955

G06F 21/53

[11] 40024371

CN111353151 B

[13] B

[51] G06F 18/241

G06N 5/02

G16H 50/70

[11] 40023169

CN110929752 B

[13] B

[25] ZH

[21] 42020013333.8

[22] 07.08.2020

[54] CLUSTERING METHOD BASED ON KNOWLEDGE DRIVING AND DATA DRIVING  
AND RELATED EQUIPMENT

基於知識驅動和數據驅動的分群方法及相關設備

[73] Ping An Technology (Shenzhen) Co., Ltd.

平安科技(深圳)有限公司

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[72] 廖希洋

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[51] G06F 21/12  
G06F 21/53[11] 40078725  
EP4036766 B1

[13] B

[25] EN

[21] 42023067851.8

[22] 03.02.2023

[30] 29.01.2021 US,17/163,172

[54] SECURED CODE PACKAGE FOR BROWSER PLUGIN

針對瀏覽器插件的安全代碼包

[73] BlackBerry Limited

2200 University Avenue East, Waterloo, Ontario N2K 0A7  
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[72] CANO, Nick Ehli

[74] KING &amp; WOOD MALLESONS IP LIMITED

Level 11, Admiralty Center Tower 2

18 Harcourt Road, Admiralty

HONG KONG

[51] G06F 21/32  
G06V 40/16[11] 40062335  
CN113826110 B

[13] B

|      |                                                                                                                                                                                                                                              |      |                           |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G06F 21/53<br>G06F 21/56<br>G06F 21/57<br>G06F 16/955                                                                                                                                                                                        | [11] | 40024371<br>CN111353151 B |
|      |                                                                                                                                                                                                                                              | [13] | B                         |
| [25] | ZH                                                                                                                                                                                                                                           |      |                           |
| [21] | 42020014682.7                                                                                                                                                                                                                                | [22] | 20.08.2020                |
| [54] | METHOD AND DEVICE FOR DETECTING VULNERABILITY OF NETWORK APPLICATION<br>一種網絡應用的漏洞檢測方法和裝置                                                                                                                                                     |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>腾讯科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan District, Shenzhen, Guangdong 518057<br>CHINA<br>中國<br>广东省深圳市南山区高新区科技中一路<br>腾讯大厦 35 层 |      |                           |
| [72] | LIU, JINHONG 刘锦鸿<br>QIU, WEI 邱伟<br>ZHU, HONG 朱虹<br>LIU, BAOYUAN 刘保原<br>HU, LINHONG 胡林红<br>LUO, CHAOLIANG 罗朝亮                                                                                                                                 |      |                           |
| [74] | 集佳知識產權有限公司<br>香港<br>九龍旺角洗衣街 39-55 號<br>金雞廣場 12 層 1201 室                                                                                                                                                                                      |      |                           |

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| [51] | G06F 21/53<br>G06F 21/12 | [11] | 40078725<br>EP4036766 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|---------------------------|
| [51] | G06F 21/56<br>G06F 21/53 | [11] | 40024371<br>CN111353151 B |
|      |                          | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06F 21/57<br>G06F 21/53 | [11] | 40024371<br>CN111353151 B |
|      |                          | [13] | B                         |

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|------|--------------|------|---------------|
| [51] | G06F 21/64   | [11] | 40016822      |
|      | G06F 16/2458 |      | CN110471953 B |
|      |              | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 40/289 | [11] | 40022062      |
|      | G06F 40/58  |      | CN110807335 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 40/295 | [11] | 40027424      |
|      | G06F 16/953 |      | CN111563192 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 40/30 | [11] | 40027972      |
|      | G06Q 20/36 |      | CN111582862 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | G06F 40/58  | [11] | 40022062      |
|      | G06F 40/289 |      | CN110807335 B |
|      | G06F 16/36  |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 42020011923.8 [22] 21.07.2020

[54] TRANSLATION METHOD AND DEVICE BASED ON MACHINE LEARNING,  
EQUIPMENT AND STORAGE MEDIUM

基於機器學習的翻譯方法、裝置、設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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| [51] | G06F 8/34<br>G05B 19/042 | [11] | 40073455<br>EP3973363 B1 |
|      |                          | [13] | B                        |

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|------|---------------------------------------------------|------|---------------------------|
| [51] | G06F 8/61<br>G06F 9/455<br>G06F 9/54<br>G06F 9/50 | [11] | 40083086<br>CN115794139 B |
|      |                                                   | [13] | B                         |

[25] ZH

[21] 42023072126.8 [22] 27.04.2023

[54] MIRROR IMAGE DATA PROCESSING METHOD, APPARATUS, DEVICE AND MEDIUM

鏡像數據處理方法、裝置、設備以及介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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| [51] | G06F 8/65<br>G06F 11/14 | [11] | 40027301<br>CN111522561 B |
|      |                         | [13] | B                         |

[25] ZH

[21] 42020017427.4 [22] 09.10.2020

[54] METHOD FOR SMOOTHLY BACKWARD COMPATIBLE UPGRADE IN DBFT DISTRIBUTED NETWORK, COMPUTER-READABLE STORAGE MEDIUM AND

DBFT NETWORK

DBFT 分布式網絡中平滑向後兼容升級的方法、計算機可讀存儲介質和 DBFT 網絡

[73] Du Xiaonan

杜晓楠

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[51] G06F 9/455  
G06F 8/61[11] 40083086  
CN115794139 B

[13] B

[51] G06F 9/46  
G06F 16/14  
G06F 16/11[11] 40024058  
CN111274004 B

[13] B

[25] ZH

[21] 42020013809.7

[22] 13.08.2020

[54] PROCESS INSTANCE MANAGEMENT METHOD AND DEVICE AND COMPUTER  
STORAGE MEDIUM

進程實例管理方法、裝置及計算機存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[51] G06F 9/50 [11] 40022559  
G06Q 40/06 CN111061567 B  
[13] B

[25] ZH

[21] 42020012431.1 [22] 24.07.2020

[54] METHOD AND APPARATUS FOR PROCESSING RESOURCE DATA, COMPUTER-  
READABLE STORAGE MEDIUM AND COMPUTER DEVICE  
資源數據處理方法、裝置、計算機可讀存儲介質和計算機設備

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] G06F 9/50 [11] 40026162  
CN111381963 B  
[13] B

[25] ZH

[21] 42020016107.3 [22] 14.09.2020

[54] LOAD BALANCING METHOD AND DEVICE, COMPUTER READABLE STORAGE  
MEDIUM AND COMPUTER APPARATUS  
負載均衡方法、裝置、計算機可讀存儲介質和計算機設備

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|------|-----------|------|---------------|
| [51] | G06F 9/50 | [11] | 40083086      |
|      | G06F 8/61 |      | CN115794139 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06F 9/54 | [11] | 40083086      |
|      | G06F 8/61 |      | CN115794139 B |
|      |           | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06K 17/00 | [11] | 40028330      |
|      | G06Q 20/36 |      | CN111523879 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/04   | [11] | 40027424      |
|      | G06F 16/953 |      | CN111563192 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/0464 | [11] | 40024879      |
|      | G06V 10/764 |      | CN111340126 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/0464 | [11] | 40025894      |
|      | G06V 10/82  |      | CN111444828 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/0464 | [11] | 40026353      |
|      | A63F 13/56  |      | CN111437605 B |
|      |             | [13] | B             |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06N 3/0464<br>G07C 9/37 | [11] | 40075265<br>CN114863506 B |
|      |                          | [13] | B                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | G06N 3/08<br>G06V 10/82 | [11] | 40025894<br>CN111444828 B |
|      |                         | [13] | B                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | G06N 3/08<br>A63F 13/56 | [11] | 40026353<br>CN111437605 B |
|      |                         | [13] | B                         |

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|------|------------------------|------|---------------------------|
| [51] | G06N 3/08<br>G07C 9/37 | [11] | 40075265<br>CN114863506 B |
|      |                        | [13] | B                         |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | G06N 3/084<br>G06V 10/764 | [11] | 40024879<br>CN111340126 B |
|      |                           | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06N 5/02<br>G06F 18/241 | [11] | 40023169<br>CN110929752 B |
|      |                          | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06Q 20/06<br>G06Q 20/38 | [11] | 40028335<br>CN111144885 B |
|      |                          | [13] | B                         |

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|------|------------------------------------------------------------------|------|---------------------------|
| [51] | G06Q 20/36<br>G06Q 20/38<br>H04L 9/32<br>H04L 9/40<br>G06K 17/00 | [11] | 40028330<br>CN111523879 B |
|      |                                                                  | [13] | B                         |

[25] ZH  
[21] 42020017430.8 [22] 09.10.2020  
[54] SYSTEM AND METHOD FOR SAFE AND ISOLATED CUSTODIAN OF DIGITAL ASSETS  
一種數字資產安全隔離託管系統和方法  
[73] Du Xiaonan  
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[51] G06Q 20/36 [11] 40027972  
G06F 40/30 CN111582862 B  
G10L 15/26  
G10L 15/30  
G10L 25/51  
H04L 51/10  
H04L 51/52  
[13] B  
[25] ZH  
[21] 42020018029.7 [22] 14.10.2020  
[54] INFORMATION PROCESSING METHOD, APPARATUS AND SYSTEM, COMPUTER DEVICE, AND STORAGE MEDIUM  
信息處理方法、裝置、系統、計算機設備及存儲介質  
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LI, JIANLI 李建立  
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| [51] | G06Q 20/38<br>G06Q 40/04                                                                                                                                       | [11] | 40005231<br>CN109741056 B |
|      |                                                                                                                                                                | [13] | B                         |
| [25] | ZH                                                                                                                                                             |      |                           |
| [21] | 19128612.9                                                                                                                                                     | [22] | 23.08.2019                |
| [54] | METHOD AND DEVICE FOR UPLOADING ELECTRONIC VOUCHER<br>一種電子憑證上傳的方法及裝置                                                                                           |      |                           |
| [73] | CHINA UNIONPAY CO., LTD.<br>中國銀聯股份有限公司<br>CUP Tower, 36 Hanxiao Road<br>Pudong New Area, Shanghai 200135<br>CHINA                                              |      |                           |
| [72] | XU, Yuzhuang 許玉壯<br>ZHOU, Yu 周鈺                                                                                                                                |      |                           |
| [74] | BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED<br>Suite 617, Lakeside 2<br>No. 10 Science Park West Avenue, Hong Kong Science Park,<br>Shatin, N.T.<br>HONG KONG |      |                           |

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|------|--------------------------|------|---------------------------|
| [51] | G06Q 20/38<br>G06Q 30/04 | [11] | 40008977<br>CN110084655 B |
|      |                          | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06Q 20/38<br>G06Q 20/36 | [11] | 40028330<br>CN111523879 B |
|      |                          | [13] | B                         |

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|      |                                                                  |      |                           |
|------|------------------------------------------------------------------|------|---------------------------|
| [51] | G06Q 20/38<br>G06Q 20/06<br>G06Q 40/04<br>H04L 9/32<br>H04L 9/40 | [11] | 40028335<br>CN111144885 B |
|      |                                                                  | [13] | B                         |
| [25] | ZH                                                               |      |                           |
| [21] | 42020017435.7                                                    | [22] | 09.10.2020                |
| [54] | METHOD AND SYSTEM FOR DIGITAL ASSETS CUSTODIAN<br>一種數字資產託管方法和系統  |      |                           |

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海外信託銀行大廈 19 樓 B 室

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/40 | [11] | 40008977      |
|      | G06Q 30/04 |      | CN110084655 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/40 | [11] | 40022184      |
|      | G06V 40/00 |      | CN111062323 B |
|      | G06Q 40/00 |      |               |
|      | G06T 1/00  |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42020012304.0 [22] 23.07.2020

[54] FACE IMAGE TRANSMISSION METHOD, NUMERICAL TRANSFER METHOD,  
DEVICE AND ELECTRONIC APPARATUS  
人臉圖像傳輸方法、數值轉移方法、裝置及電子設備

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] WANG, SHAOMING 王少鳴  
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GUO, RUNZENG 郭潤增

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[51] G06Q 30/0207 [11] 40027399  
A63F 13/5252 CN111589115 B  
[13] B

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[51] G06Q 30/04 [11] 40008977  
G06Q 20/38 CN110084655 B  
G06Q 20/40  
G06Q 40/12  
[13] B

[25] ZH

[21] 19132256.9 [22] 15.11.2019

[54] METHOD, APPARATUS, COMPUTER DEVICE, AND COMPUTER STORAGE  
MEDIUM FOR PROCESSING ELECTRONIC BILL  
電子票據處理方法、裝置、計算機設備及計算機存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] DAI, CHUAN BING 戴传兵  
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QIN, QING 秦青  
ZHANG, YI FANG 张懿方  
HONG, XIAO WEN 洪晓雯  
GUO, PENG 郭鹏  
ZHANG, JIAN JUN 张建俊  
ZHENG, LUO HAI 郑罗海  
SHI, JUN JIE 史俊杰  
ZHOU, WANG SHENG 周王胜  
ZANG, JUN 藏军  
FENG, SHI CHENG 冯士乘  
TANG, ZI CHAO 唐子超  
CHEN, HU JIA 陈湖佳  
GUO, MING YUAN 郭明远  
WANG, ZONG YOU 王宗友  
LIU, PAN 刘攀  
ZHANG, JIN SONG 张劲松  
ZHU, GENG LIANG 朱耿良  
SHI, YI FANG 时一防

DING, YONG 丁勇  
ZHOU, KAI BAN 周开班  
LIU, QU CHENG 刘区域  
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YANG, CHANG QING 杨常青  
LAN, HU 蓝虎  
KONG, LI 孔利

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|------|------------|------|---------------|
| [51] | G06Q 40/00 | [11] | 40022184      |
|      | G06Q 20/40 |      | CN111062323 B |
|      |            | [13] | B             |

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|      |            |      |               |
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| [51] | G06Q 40/04 | [11] | 40005231      |
|      | G06Q 20/38 |      | CN109741056 B |
|      |            | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06Q 40/04   | [11] | 40016822      |
|      | G06F 16/2458 |      | CN110471953 B |
|      |              | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 40/04 | [11] | 40028335      |
|      | G06Q 20/38 |      | CN111144885 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | G06Q 40/06 | [11] | 40022559      |
|      | G06F 9/50  |      | CN111061567 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 40/12 | [11] | 40008977      |
|      | G06Q 30/04 |      | CN110084655 B |
|      |            | [13] | B             |

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|------|-------------------------|------|---------------------------|
| [51] | G06T 1/00<br>G06Q 20/40 | [11] | 40022184<br>CN111062323 B |
|      |                         | [13] | B                         |

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|      |            |      |                           |
|------|------------|------|---------------------------|
| [51] | G06T 13/00 | [11] | 40024168<br>CN111260760 B |
|      |            | [13] | B                         |

[25] ZH

[21] 42020014067.1 [22] 17.08.2020

[54] IMAGE PROCESSING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND  
STORAGE MEDIUM

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06T 13/00<br>A63F 13/67 | [11] | 40071560<br>CN114344913 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06T 17/05<br>G06V 40/16 | [11] | 40062335<br>CN113826110 B |
|      |                          | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | G06T 19/20<br>G06T 3/00 | [11] | 40028500<br>CN111612921 B |
|------|-------------------------|------|---------------------------|

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[13] B

[25] ZH

[21] 42020018591.6 [22] 21.10.2020

[54] METHOD FOR DETERMINING COLLISION RANGE AND RELATED DEVICE  
一種碰撞範圍確定方法和相關裝置

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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LIU, YI 劉毅

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 3/00  | [11] | 40028500      |
|      | G06T 19/20 |      | CN111612921 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06T 3/40   | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/00  | [11] | 40010294      |
|      | G06V 30/14 |      | CN110546650 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/143 | [11] | 40062335      |
|      | G06V 40/16 |      | CN113826110 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/20  | [11] | 40062335      |
|      | G06V 40/16 |      | CN113826110 B |
|      |            | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06T 7/246   | [11] | 40072240      |
|      | H04N 21/4402 |      | CN114339409 B |
|      |              | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06T 7/269   | [11] | 40072240      |
|      | H04N 21/4402 |      | CN114339409 B |
|      |              | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/70  | [11] | 40062335      |
|      | G06V 40/16 |      | CN113826110 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/22  | [11] | 40026164      |
|      | G06V 10/26  |      | CN111401376 B |
|      | G06V 10/764 |      |               |
|      | G06V 20/70  |      |               |
|      | G06V 10/82  |      |               |
|      |             | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42020016109.9 | [22] | 14.09.2020 |
|------|---------------|------|------------|

[54] TARGET DETECTION METHOD AND DEVICE, ELECTRONIC APPARATUS AND STORAGE MEDIUM

目標檢測方法、裝置、電子設備以及存儲介質

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ZHANG,MENG DAN 张梦丹

LIU,SHU 刘枢

DAI, YURONG 戴宇榮

YU, BEI 余备

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/25 | [11] | 40025894      |
|      | G06V 10/82 |      | CN111444828 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/26 | [11] | 40026164      |
|      | G06V 10/22 |      | CN111401376 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40024879      |
|      | G06V 10/82  |      | CN111340126 B |
|      | G06N 3/0464 |      |               |
|      | G06N 3/084  |      |               |
|      | G06V 10/774 |      |               |
|      | G06V 10/77  |      |               |
|      | G06V 10/80  |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 42020014658.7 [22] 20.08.2020

[54] ARTICLE IDENTIFICATION METHOD AND APPARATUS, COMPUTER DEVICE  
AND STORAGE MEDIUM  
物品識別方法、裝置、計算機設備和存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] GAO, BINBIN 高斌斌  
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DAI, YURONG 戴宇榮

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|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40025894      |
|      | G06V 10/82  |      | CN111444828 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40026164      |
|      | G06V 10/22  |      | CN111401376 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/77  | [11] | 40024879      |
|      | G06V 10/764 |      | CN111340126 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/774 | [11] | 40024879      |
|      | G06V 10/764 |      | CN111340126 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/80  | [11] | 40024879      |
|      | G06V 10/764 |      | CN111340126 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/82  | [11] | 40024879      |
|      | G06V 10/764 |      | CN111340126 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/82 | [11] | 40024425      |
|      | G06V 40/16 |      | CN111242090 B |
|      |            | [13] | B             |

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[51] G06V 10/82 [11] 40025894  
G06V 40/20 CN111444828 B  
G06V 10/25  
G06V 10/764  
G06N 3/0464  
G06N 3/08  
A63F 13/2145  
A63F 13/42  
A63F 13/537  
A63F 13/837  
[13] B

[25] ZH

[21] 42020015921.8 [22] 11.09.2020

[54] MODEL TRAINING METHOD, TARGET DETECTION METHOD, DEVICE AND  
STORAGE MEDIUM  
一種模型訓練的方法、目標檢測的方法、裝置及存儲介質

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[51] G06V 10/82 [11] 40026164  
G06V 10/22 CN111401376 B  
[13] B

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[51] G06V 10/82 [11] 40075265  
G07C 9/37 CN114863506 B  
[13] B

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[51] G06V 20/70 [11] 40026164  
G06V 10/22 CN111401376 B  
[13] B

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|      |                                                                                                                      |      |                           |
|------|----------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G06V 30/14<br>G01B 11/24<br>G06T 7/00                                                                                | [11] | 40010294<br>CN110546650 B |
|      |                                                                                                                      | [13] | B                         |
| [25] | ZH                                                                                                                   |      |                           |
| [21] | 19133782.3                                                                                                           | [22] | 18.12.2019                |
| [86] | 26.04.2017 PCT/JP2017/016616                                                                                         |      |                           |
| [87] | 01.11.2018 WO2018/198248                                                                                             |      |                           |
| [54] | INSPECTION DEVICE FOR CONTAINER AND INSPECTION METHOD FOR CONTAINER<br>容器的檢查裝置和容器的檢查方法                               |      |                           |
| [73] | TOYO GLASS CO., LTD.<br>东洋玻璃株式会社<br>18-1, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 1410022<br>JAPAN<br>日本<br>东京都 |      |                           |
| [72] | SUZUKI, Takashi 铃木岳<br>HOSONO, Takaya 细野贵也                                                                           |      |                           |
| [74] | 中港知識產權有限公司<br>香港<br>灣仔告士打道 151 號資本中心 15 樓 1502 室                                                                     |      |                           |

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|------|--------------------------|------|---------------------------|
| [51] | G06V 40/00<br>G06Q 20/40 | [11] | 40022184<br>CN111062323 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06V 40/10<br>G06V 40/40 | [11] | 40024062<br>CN111241989 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06V 40/16<br>G06V 40/40 | [11] | 40024062<br>CN111241989 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06V 40/16<br>G06V 40/20 | [11] | 40024425<br>CN111242090 B |
|------|--------------------------|------|---------------------------|

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G06V 40/40

G06V 10/82

[13] B

[25] ZH

[21] 42020014843.5

[22] 21.08.2020

[54] ARTIFICIAL INTELLIGENCE-BASED FACE RECOGNITION METHOD AND  
APPARATUS, DEVICE AND MEDIUM

基於人工智能的人臉識別方法、裝置、設備及介質

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[51] G06V 40/16

[11] 40075265

G07C 9/37

CN114863506 B

[13] B

[51] G06V 40/16

[11] 40062335

G06T 7/20

CN113826110 B

G06T 7/70

G06T 7/143

G06T 17/05

G06F 21/32

H04N 23/611

G06V 40/20

[13] B

[25] ZH

[21] 62022051846.3

[22] 18.04.2022

[86] 11.03.2020 PCT/US2020/022168

[87] 17.09.2020 WO2020/185948

[30] 12.03.2019 US, 62/817,554

[54] METHOD, SYSTEM AND MEDIA FOR DETECTING SPOOFING OF BIOMETRIC  
IDENTITY RECOGNITION USING THE CAMERA OF A MOBILE DEVICE  
利用移動設備檢測生物特徵身份識別的欺騙的方法、系統和介質

[73] ELEMENT, INC.  
埃利蒙特公司  
228 Park Ave S  
PMB 85931  
New York, NY 10003  
UNITED STATES OF AMERICA

[72] LV, Fengjun 吕峰俊  
GOYAL, Dushyant 杜什扬特·戈亚尔  
WANG, Yang 阳·王  
PEROLD, Adam 亚当·佩罗德

[74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 40/20 | [11] | 40024425      |
|      | G06V 40/16 |      | CN111242090 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 40/20 | [11] | 40025894      |
|      | G06V 10/82 |      | CN111444828 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 40/20 | [11] | 40062335      |
|      | G06V 40/16 |      | CN113826110 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 40/40 | [11] | 40024062      |
|      | G06V 40/16 |      | CN111241989 B |
|      | G06V 40/10 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42020013813.9 [22] 13.08.2020

[54] METHOD AND APPARATUS FOR RECOGNIZING IMAGE AND ELECTRONIC  
DEVICE  
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[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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中國

广东省深圳市南山区高新区科技中一路

腾讯大厦 35 层

[72] TANG,MENG YUN 唐梦云

PEI, GE 裴歌

LIU,SHUI SHENG 刘水生

TU,SI JIA 涂思嘉

[74] 集佳知識產權有限公司

香港

九龍旺角洗衣街 39-55 號

金雞廣場 12 層 1201 室

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[51] G06V 40/40 [11] 40024425  
G06V 40/16 CN111242090 B

[13] B

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[51] G07C 9/37 [11] 40075265  
G06V 40/16 CN114863506 B  
G06V 10/82  
G07C 9/38  
G06N 3/0464  
G06N 3/08

[13] B

[25] ZH

[21] 42022064042.9 [22] 17.11.2022

[54] VERIFICATION METHOD, DEVICE, SYSTEM AND IDENTITY  
AUTHENTICATION TERMINAL FOR ACCESS AUTHORITY

準入權限的驗證方法、裝置、系統和身份認證終端

[73] ZHUHAI UNITECH POWER TECHNOLOGY CO.,LTD.

珠海优特电力科技股份有限公司

中國

广东省珠海市高新区

金鼎工业园金鸿七路 68 号, 519000

[72] 许钢锋

洪建兵

赖峰

曾显光

张奕煌

樊一尘

[74] 北京博浩百睿知識產權代理有限公司  
香港  
銅鑼灣糖街 3 號  
銅鑼灣商業大廈 16 層 1602A

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[51] G07C 9/38 [11] 40075265  
G07C 9/37 CN114863506 B  
[13] B

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[51] G09B 1/00 [11] 40043311  
CN112119439 B  
[13] B

[25] ZH

[21] 62021033390.7 [22] 18.06.2021

[86] 31.08.2018 PCT/US2018/049235

[87] 14.03.2019 WO2019/050807

[30] 05.09.2017 US, 62/554,289

[54] MAGNETIC BUILDING SET AND METHOD FOR TEACHING NUMERACY AND  
SPELLING

磁性建築套件及教授計算和拼寫的方法

[73] KONTU, INC.

康图股份有限公司

300 Delaware Avenue, Suite 210-A

Wilmington, Delaware 19801

UNITED STATES OF AMERICA

[72] GREENWOOD, Patrick P·格林伍德

[74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED

Suite 617, Lakeside 2

No. 10 Science Park West Avenue, Hong Kong Science Park,  
Shatin, N.T.

HONG KONG

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[51] G10L 15/26 [11] 40027972  
G06Q 20/36 CN111582862 B  
[13] B

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[51] G10L 15/30 [11] 40027972  
G06Q 20/36 CN111582862 B  
[13] B

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|      |                                                                                                                                             |      |                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G10L 19/008<br>H04S 3/00                                                                                                                    | [11] | 40006807<br>CN110085240 B |
|      |                                                                                                                                             | [13] | B                         |
| [25] | ZH                                                                                                                                          |      |                           |
| [21] | 19128691.3                                                                                                                                  | [22] | 26.08.2019                |
| [30] | 24.05.2013 US, 61/827,246<br>21.10.2013 US, 61/893,770<br>01.04.2014 US, 61/973,625                                                         |      |                           |
| [54] | EFFICIENT CODING OF AUDIO SCENES COMPRISING AUDIO OBJECTS<br>包括音頻對象的音頻場景的高效編碼                                                               |      |                           |
| [73] | DOLBY INTERNATIONAL AB<br>杜比国际公司<br>C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35<br>1101 CN, AMSTERDAM ZUID-OOST<br>NETHERLANDS             |      |                           |
| [72] | PURNHAGEN, HEIKO H·普恩哈根<br>KJOERLING, KRISTOFER K·克約爾林<br>HIRVONEN, TONI T·赫馮恩<br>VILLEMOES, LARS L·維勒莫斯<br>BREEBAART, DIRK JEROEN D·J·布瑞巴特 |      |                           |
| [74] | CLT PATENT & TRADEMARK (H.K.) LIMITED<br>Unit 09, 34/F., Office Tower, Convention Plaza<br>1 Harbour Road, Wanchai<br>HONG KONG             |      |                           |

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|------|---------------------------|------|---------------------------|
| [51] | G10L 19/035<br>G10L 19/16 | [11] | 40003317<br>CN109509479 B |
|      |                           | [13] | B                         |

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|------|--------------------------------------------------------|------|---------------------------|
| [51] | G10L 19/16<br>G10L 21/038<br>G10L 19/035<br>G10L 19/24 | [11] | 40003317<br>CN109509479 B |
|      |                                                        | [13] | B                         |
| [25] | ZH                                                     |      |                           |
| [21] | 19126670.9                                             | [22] | 28.12.2017                |
| [30] | 13.03.2015 EP, 15159067.6<br>16.03.2015 US, 62/133,800 |      |                           |
| [62] | 28.12.2017 17113904.9                                  |      |                           |

- [54] DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND  
REPLICATION METADATA  
解碼具有增強的頻譜帶複製元數據的音頻位流
- [73] DOLBY INTERNATIONAL AB  
杜比國際公司  
C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35  
1101 CN, AMSTERDAM ZUID-OOST  
NETHERLANDS
- [72] VILLEMOES, LARS L·維爾莫斯  
PURNHAGEN, HEIKO H·普恩哈根  
EKSTRAND, PER P·埃斯特蘭德
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

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|------|------------|------|---------------|
| [51] | G10L 19/24 | [11] | 40003317      |
|      | G10L 19/16 |      | CN109509479 B |
|      |            | [13] | B             |
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|------|-------------|------|---------------|
| [51] | G10L 21/038 | [11] | 40003317      |
|      | G10L 19/16  |      | CN109509479 B |
|      |             | [13] | B             |
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|------|------------|------|---------------|
| [51] | G10L 25/27 | [11] | 40083083      |
|      | G10L 25/60 |      | CN115798518 B |
|      |            | [13] | B             |
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|------|------------|------|---------------|
| [51] | G10L 25/51 | [11] | 40027972      |
|      | G06Q 20/36 |      | CN111582862 B |
|      |            | [13] | B             |
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|------|------------|------|---------------|
| [51] | G10L 25/60 | [11] | 40083083      |
|      | G10L 25/27 |      | CN115798518 B |
|      |            | [13] | B             |
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[25] ZH

[21] 42023072123.5 [22] 27.04.2023

[54] MODEL TRAINING METHOD, APPARATUS, DEVICE AND MEDIUM  
一種模型訓練方法、裝置、設備及介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park,  
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[72] LIU, QIUNAN 劉秋男  
HUANG, FEI 黃飛

[74] 集佳知識產權有限公司  
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金雞廣場 12 層 1201 室

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[51] G16C 20/10 [11] 40024423  
G16C 20/70 CN111223532 B  
[13] B

[25] ZH

[21] 42020014841.9 [22] 21.08.2020

[54] METHOD, APPARATUS, AND DEVICE FOR DETERMINING REACTANT OF  
TARGET COMPOUND AND MEDIA  
確定目標化合物的反應物的方法、設備、裝置、介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan  
District, Shenzhen, Guangdong 518057  
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[72] MAO, KELONG 毛科龍  
ZHAO, PEILIN 趙沛霖

[74] 集佳知識產權有限公司  
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金雞廣場 12 層 1201 室

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[51] G16C 20/70 [11] 40024423  
G16C 20/10 CN111223532 B

[13] B

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[51] G16H 50/70 [11] 40023169  
G06F 18/241 CN110929752 B

[13] B

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[51] H01P 1/203 [11] 40042119  
H01P 11/00 CN112689927 B

[13] B

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[51] H01P 1/30 [11] 40042119  
H01P 11/00 CN112689927 B

[13] B

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[51] H01P 11/00 [11] 40042119  
H01P 1/30 CN112689927 B  
H01P 1/203

[13] B

[25] ZH

[21] 62021031652.2 [22] 24.05.2021

[86] 17.09.2019 PCT/US2019/051413

[87] 26.03.2020 WO2020/060976

[30] 18.09.2018 US, 62/732,605

[54] FILTER COMPONENTS

濾波器組件

[73] KYOCERA AVX Components Corporation

京瓷 AVX 元器件公司

One AVX Boulevard

Fountain Inn, South Carolina 29644

UNITED STATES OF AMERICA

[72] CHOI, Kwang

BEROLINI, Marianne

KIRK, Michael W.

FUENTES, Hector

HERR, Jonathan C.

SEITHER, Bryan R.

[74] LIU, SHEN & ASSOCIATES

Room 3716, 37/F, Sun Hung Kai Centre

30 Harbour Road, Wanchai

HONG KONG

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|------|---------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | H02J 3/12<br>H02J 3/16<br>H02J 3/18<br>H02J 3/38                                                                                | [11] | 40050199<br>CN113261171 B |
|      |                                                                                                                                 | [13] | B                         |
| [25] | ZH                                                                                                                              |      |                           |
| [21] | 62021039029.5                                                                                                                   | [22] | 17.09.2021                |
| [86] | 11.01.2019 PCT/JP2019/000657                                                                                                    |      |                           |
| [87] | 16.07.2020 WO2020/144841                                                                                                        |      |                           |
| [54] | POWER CONVERSION SYSTEM AND POWER CONVERSION DEVICE<br>電力變換系統以及電力變換裝置                                                           |      |                           |
| [73] | MITSUBISHI ELECTRIC CORPORATION<br>三菱电机株式会社<br>7-3, MARUNOUCHI 2-CHOME<br>CHIYODA-KU, TOKYO 100-8310<br>JAPAN                   |      |                           |
| [72] | TANAKA, MIWAKO 田中美和子<br>ISHIHARA, HIROKI 石原浩毅                                                                                   |      |                           |
| [74] | CLT PATENT & TRADEMARK (H.K.) LIMITED<br>Unit 09, 34/F., Office Tower, Convention Plaza<br>1 Harbour Road, Wanchai<br>HONG KONG |      |                           |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | H02J 3/16<br>H02J 3/12 | [11] | 40050199<br>CN113261171 B |
|      |                        | [13] | B                         |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | H02J 3/18<br>H02J 3/12 | [11] | 40050199<br>CN113261171 B |
|      |                        | [13] | B                         |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | H02J 3/38<br>H02J 3/12 | [11] | 40050199<br>CN113261171 B |
|      |                        | [13] | B                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | H02S 20/25<br>E04D 1/36 | [11] | 40025626<br>CN110892120 B |
|      |                         | [13] | B                         |

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[51] H04L 5/00 [11] 40005419  
H04W 56/00 EP3518591 B1  
[13] B

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[51] H04L 5/00 [11] 40011912  
H04W 72/04 CN110249673 B  
[13] B

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[51] H04L 51/04 [11] 40028467  
H04L 51/046 CN111711558 B  
H04L 51/21  
[13] B

[25] ZH

[21] 42020018437.2 [22] 20.10.2020

[54] MESSAGE CONTROL METHOD AND DEVICE  
一種消息控制方法及裝置

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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District, Shenzhen, Guangdong 518057  
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[72] LIU, LIQIANG 刘立强  
LUO, XUAN 罗轩  
SUN, XUEJUN 孙雪君

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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[51] H04L 51/046 [11] 40028467  
H04L 51/04 CN111711558 B  
[13] B

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 51/10 | [11] | 40027972      |
|      | G06Q 20/36 |      | CN111582862 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 51/21 | [11] | 40028467      |
|      | H04L 51/04 |      | CN111711558 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 51/52 | [11] | 40027972      |
|      | G06Q 20/36 |      | CN111582862 B |
|      |            | [13] | B             |

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|      |                                                                  |      |               |
|------|------------------------------------------------------------------|------|---------------|
| [51] | H04L 65/61                                                       | [11] | 40075534      |
|      | H04L 67/02                                                       |      | CN115299022 B |
|      | H04L 67/146                                                      |      |               |
|      |                                                                  | [13] | B             |
| [25] | ZH                                                               |      |               |
| [21] | 62022064894.8                                                    | [22] | 30.11.2022    |
| [86] | 22.09.2021 PCT/US2021/051483                                     |      |               |
| [87] | 14.07.2022 WO2022/150071                                         |      |               |
| [30] | 06.01.2021 US, 63/134,520                                        |      |               |
|      | 16.09.2021 US, 17/477,315                                        |      |               |
| [54] | METHODS AND APPARATUSES FOR DYNAMIC ADAPTIVE STREAMING OVER HTTP |      |               |
|      | 基於 HTTP 的動態自適應流傳輸的方法和裝置                                          |      |               |
| [73] | Tencent America LLC                                              |      |               |
|      | 腾讯美国有限责任公司                                                       |      |               |
|      | 美國                                                               |      |               |
|      | 加利福尼亚州帕洛阿尔托公园大道 2747 号                                           |      |               |
| [72] | SODAGAR, Iraj 伊拉吉·索达加                                            |      |               |
| [74] | 香港派特恩知识产权代理有限公司                                                  |      |               |
|      | 香港                                                               |      |               |
|      | 上環永樂街 121-125 號                                                  |      |               |
|      | 永達商業大廈 10 樓 C 室                                                  |      |               |

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|------|------------|------|---------------|
| [51] | H04L 67/01 | [11] | 40052095      |
|      | H04N 21/81 |      | CN113366807 B |
|      |            | [13] | B             |

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[51] H04L 67/02 [11] 40075534  
H04L 65/61 CN115299022 B  
[13] B

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[51] H04L 67/146 [11] 40075534  
H04L 65/61 CN115299022 B  
[13] B

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[51] H04L 9/08 [11] 40079153  
H04L 9/32 CN114641964 B  
[13] B

[25] ZH

[21] 62022065807.9 [22] 19.12.2022

[86] 16.10.2020 PCT/US2020/056160

[87] 22.04.2021 WO2021/077021

[30] 18.10.2019 US, 62/923,322

[54] SYSTEMS AND METHODS FOR QUANTUM-SECURED, PRIVATE-PRESERVING  
COMPUTATIONS

用於量子安全的、隱私保護計算的系統和方法

[73] THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY

斯蒂文斯理工学院董事会

CASTLE POINT ON HUDSON, HOBOKEN, NEW JERSEY 07030

UNITED STATES OF AMERICA

[72] HUANG, Yuping 黄瑜平

NGUYEN, Lac Thi Thanh L·T·T·阮

[74] CHANG TSI AND PARTNERS INTELLECTUAL PROPERTY (HK) LIMITED

Level 20, One International Finance Centre

No. 1 Harbour View Street, Central

Hong Kong

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[51] H04L 9/32 [11] 40028330  
G06Q 20/36 CN111523879 B  
[13] B

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[51] H04L 9/32 [11] 40028335  
G06Q 20/38 CN111144885 B  
[13] B

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[51] H04L 9/32 [11] 40079153  
H04L 9/08 CN114641964 B  
[13] B

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[51] H04L 9/40 [11] 40028330  
G06Q 20/36 CN111523879 B  
[13] B

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[51] H04L 9/40 [11] 40028335  
G06Q 20/38 CN111144885 B  
[13] B

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[51] H04L 9/40 [11] 40068130  
CN114520730 B  
[13] B

[25] ZH

[21] 42022057468.5 [22] 28.07.2022

[54] DATA TRANSMISSION METHOD, APPARATUS AND SYSTEM, COMPUTER  
DEVICE, AND STORAGE MEDIUM  
數據傳輸方法、裝置、系統、計算機設備和存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
腾讯科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park,  
Nanshan District, Shenzhen, Guangdong 518057  
中國  
广东省深圳市南山区高新区科技中一路  
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[72] LV, JUN 吕俊  
LIU, WENJUN 刘文君  
GUO, RUNZENG 郭润增

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
金雞廣場 12 層 1201 室

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[51] H04M 1/02 [11] 40069503  
H04N 23/667 EP3993371 B1

[13] B

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/103 | [11] | 40003501      |
|      | H04N 19/105 |      | CN109257596 B |
|      | H04N 19/119 |      |               |
|      | H04N 19/157 |      |               |
|      | H04N 19/176 |      |               |
|      | H04N 19/196 |      |               |
|      | H04N 19/46  |      |               |
|      | H04N 19/593 |      |               |
|      | H04N 19/70  |      |               |
|      | H04N 19/82  |      |               |
|      | H04N 19/96  |      |               |

[13] B

|      |                                                                                                                                                                                                    |      |            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| [25] | ZH                                                                                                                                                                                                 |      |            |
| [21] | 19126981.0                                                                                                                                                                                         | [22] | 18.07.2019 |
| [30] | 11.11.2011 US, 61/558, 631                                                                                                                                                                         |      |            |
| [54] | DECODER, ENCODER AND METHODS FOR RECONSTRUCTING, ENCODING, DECODING, TRANSMITTING AND PROCESSING<br>解碼器、編碼器及重構、編碼、解碼、傳送和處理方法                                                                       |      |            |
| [73] | GE Video Compression, LLC<br>GE 視頻壓縮有限責任公司<br>1 Research Circle, Niskayuna, NY 12309<br>UNITED STATES OF AMERICA<br>美國<br>紐約州                                                                      |      |            |
| [72] | MERKLE, Philipp 菲利普·默克勒<br>BARTNIK, Christian 克里斯蒂安·巴特尼克<br>LAKSHMAN, Haricharan 哈里希蘭·拉克什曼<br>MARPE, Detlev 德特勒夫·馬爾佩<br>MUELLER, Karsten 卡斯滕·穆勒<br>WIEGAND, Thomas 托馬斯·維甘德<br>TECH, Gerhard 格哈德·特希 |      |            |
| [74] | 集佳知識產權有限公司<br>香港<br>九龍旺角洗衣街 39-55 號<br>金雞廣場 12 層 1201 室                                                                                                                                            |      |            |

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|------|-------------|------|---------------|
| [51] | H04N 19/103 | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |

[13] B

|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/103 | [11] | 40074073      |
|      | H04N 19/119 |      | CN114531591 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/105 | [11] | 40003501      |
|      | H04N 19/103 |      | CN109257596 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/11  | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/11  | [11] | 40074073      |
|      | H04N 19/119 |      | CN114531591 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/119 | [11] | 40003501      |
|      | H04N 19/103 |      | CN109257596 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/119 | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/119 | [11] | 40074073      |
|      | H04N 19/11  |      | CN114531591 B |
|      | H04N 19/124 |      |               |
|      | H04N 19/129 |      |               |
|      | H04N 19/13  |      |               |
|      | H04N 19/134 |      |               |
|      | H04N 19/103 |      |               |
|      | H04N 19/176 |      |               |
|      | H04N 19/51  |      |               |
|      | H04N 19/625 |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 42022063565.0 [22] 09.11.2022

[30] 04.10.2016 KR,10-2016-0127893  
06.10.2016 KR,10-2016-0129391  
17.07.2017 KR,10-2017-0090621

[54] IMAGE DATA ENCODING/DECODING METHOD, MEDIUM AND METHOD OF  
TRANSMITTING A BITSTREAM  
圖像數據編碼/解碼方法、介質和發送比特流的方法

[73] B1 Institute of Image Technology, Inc.  
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[72] KIM, Ki Baek 金起佰

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[51] H04N 19/124 [11] 40066005  
H04N 19/597 CN113873261 B

[13] B

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[51] H04N 19/124 [11] 40074073  
H04N 19/119 CN114531591 B

[13] B

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[51] H04N 19/129 [11] 40066005  
H04N 19/597 CN113873261 B

[13] B

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[51] H04N 19/129 [11] 40074073  
H04N 19/119 CN114531591 B

[13] B

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[51] H04N 19/13 [11] 40066005  
H04N 19/597 CN113873261 B

[13] B

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|------|-------------|------|---------------|
| [51] | H04N 19/13  | [11] | 40074073      |
|      | H04N 19/119 |      | CN114531591 B |
|      |             | [13] | B             |

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| [51] | H04N 19/134 | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/134 | [11] | 40074073      |
|      | H04N 19/119 |      | CN114531591 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/157 | [11] | 40003501      |
|      | H04N 19/103 |      | CN109257596 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/159 | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/159 | [11] | 40083085      |
|      | H04N 19/167 |      | CN115883835 B |
|      | H04N 19/172 |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 42023072125.0 [22] 27.04.2023

[54] VIDEO CODING METHOD, APPARATUS, DEVICE AND STORAGE MEDIUM  
一種視頻編碼方法、裝置、設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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|------|-------------|------|---------------|
| [51] | H04N 19/167 | [11] | 40083085      |
|      | H04N 19/159 |      | CN115883835 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/172 | [11] | 40083085      |
|      | H04N 19/159 |      | CN115883835 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/176 | [11] | 40003501      |
|      | H04N 19/103 |      | CN109257596 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/176 | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/176 | [11] | 40074073      |
|      | H04N 19/119 |      | CN114531591 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/196 | [11] | 40003501      |
|      | H04N 19/103 |      | CN109257596 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/30  | [11] | 40066005      |
|      | H04N 19/597 |      | CN113873261 B |
|      |             | [13] | B             |

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[51] H04N 19/42 [11] 40067721  
H04N 19/577 CN113940078 B  
[13] B

[25] ZH

[21] 62022056790.8 [22] 14.07.2022

[86] 27.04.2020 PCT/US2020/030064

[87] 26.11.2020 WO2020/236400

[30] 22.05.2019 US,62/851,327  
24.04.2020 US,16/858,046

[54] METHOD AND DEVICE FOR SIMPLIFICATION OF BI-DIRECTIONAL  
OPTICAL FLOW CALCULATION IN VIDEO CODING  
用於視頻編解碼中的雙向光流計算的簡化的方法和設備

[73] QUALCOMM Incorporated  
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[72] HUANG, Han H•黃  
CHIEN, Wei-Jung W-J•錢  
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[51] H04N 19/44 [11] 40066005  
H04N 19/597 CN113873261 B  
[13] B

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[51] H04N 19/46 [11] 40003501  
H04N 19/103 CN109257596 B  
[13] B

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[51] H04N 19/51 [11] 40066005  
H04N 19/597 CN113873261 B  
[13] B

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[51] H04N 19/51 [11] 40074073  
H04N 19/119 CN114531591 B  
[13] B

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|------|-------------------------------------------------------------------------------------------------------------------------------------|------|---------------|
| [51] | H04N 19/577                                                                                                                         | [11] | 40010589      |
|      |                                                                                                                                     |      | CN110431845 B |
|      |                                                                                                                                     | [13] | B             |
| [25] | ZH                                                                                                                                  |      |               |
| [21] | 62019000434.6                                                                                                                       | [22] | 26.12.2019    |
| [86] | 22.03.2018 PCT/US2018/023761                                                                                                        |      |               |
| [87] | 27.09.2018 WO2018/175720                                                                                                            |      |               |
| [30] | 22.03.2017 US, 62/475,177                                                                                                           |      |               |
|      | 21.03.2018 US, 15/927,854                                                                                                           |      |               |
| [54] | CONSTRAINING MOTION VECTOR INFORMATION DERIVED BY DECODER-<br>SIDE MOTION VECTOR DERIVATION<br>約束通過解碼器側運動向量推導導出的運動向量信息              |      |               |
| [73] | QUALCOMM Incorporated<br>高通股份有限公司<br>5775 Morehouse Drive, San Diego, CA 92121-1714<br>UNITED STATES OF AMERICA                     |      |               |
| [72] | KARCZEWICZ, Marta M·卡切维奇<br>CHEN, Yi-Wen 陈义文<br>CHIEN, Wei-Jung 钱威俊<br>CHUANG, Hsiao-Chiang 庄孝强<br>LI, Xiang 李翔<br>CHEN, Jianle 陈建乐 |      |               |
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/577 | [11] | 40067721      |
|      | H04N 19/42  |      | CN113940078 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/593 | [11] | 40003501      |
|      | H04N 19/103 |      | CN109257596 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/597 | [11] | 40066005      |
|      | G06T 3/40   |      | CN113873261 B |
|      | H04N 19/103 |      |               |
|      | H04N 19/11  |      |               |

H04N 19/119  
H04N 19/124  
H04N 19/129  
H04N 19/13  
H04N 19/134  
H04N 19/159  
H04N 19/176  
H04N 19/30  
H04N 19/44  
H04N 19/51  
H04N 19/625  
H04N 19/70  
H04N 19/88  
H04N 19/96

[13] B

[25] ZH

[21] 42022055170.9 [22] 15.06.2022

[30] 04.10.2016 KR,10-2016-0127878  
06.10.2016 KR,10-2016-0129382  
17.07.2017 KR,10-2017-0090612

[54] IMAGE DATA ENCODING/DECODING METHOD AND APPARATUS  
圖像數據編碼/解碼方法和裝置

[73] B1 Institute of Image Technology, Inc.  
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[72] KIM, Ki Baek 金起佰

[74] LIU, SHEN & ASSOCIATES  
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[51] H04N 19/625 [11] 40066005  
H04N 19/597 CN113873261 B

[13] B

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[51] H04N 19/625 [11] 40074073  
H04N 19/119 CN114531591 B

[13] B

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[51] H04N 19/70 [11] 40003501  
H04N 19/103 CN109257596 B

[13] B

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[51] H04N 19/70 [11] 40066005  
H04N 19/597 CN113873261 B  
[13] B

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[51] H04N 19/82 [11] 40003501  
H04N 19/103 CN109257596 B  
[13] B

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[51] H04N 19/88 [11] 40066005  
H04N 19/597 CN113873261 B  
[13] B

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[51] H04N 19/96 [11] 40003501  
H04N 19/103 CN109257596 B  
[13] B

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[51] H04N 19/96 [11] 40066005  
H04N 19/597 CN113873261 B  
[13] B

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[51] H04N 21/234 [11] 40071453  
H04N 21/24 CN114422826 B  
H04N 21/262  
[13] B

[25] ZH

[21] 42022059859.3 [22] 08.09.2022

[54] METHOD, APPARATUS, AND DEVICE FOR CONTROLLING PLAYBACK OF  
MULTIMEDIA CONTENT, AND MEDIUM

多媒體內容播放控制方法、裝置、設備和介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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|------|-------------|------|---------------|
| [51] | H04N 21/24  | [11] | 40071453      |
|      | H04N 21/234 |      | CN114422826 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/262 | [11] | 40071453      |
|      | H04N 21/234 |      | CN114422826 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/431 | [11] | 40072023      |
|      | H04N 21/44  |      | CN114339362 B |
|      |             | [13] | B             |

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[25] ZH

[21] 42022060876.4 [22] 21.09.2022

[54] VIDEO BULLET SCREEN MATCHING METHOD AND APPARATUS, COMPUTER  
DEVICE AND STORAGE MEDIUM

視頻彈幕匹配方法、裝置、計算機設備和存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/44  | [11] | 40072023      |
|      | H04N 21/431 |      | CN114339362 B |
|      |             | [13] | B             |

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|------|--------------|------|---------------|
| [51] | H04N 21/4402 | [11] | 40072240      |
|      | G06T 7/246   |      | CN114339409 B |
|      | G06T 7/269   |      |               |
|      |              | [13] | B             |

[25] ZH

[21] 42022060017.5 [22] 13.09.2022

[54] VIDEO PROCESSING METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

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HUANG,XIAOMING 黃小明

LI,JILIN 李季櫟

HUANG,FEIYUE 黃飞跃

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|------|-------------|------|---------------|
| [51] | H04N 21/458 | [11] | 40052095      |
|      | H04N 21/81  |      | CN113366807 B |
|      |             | [13] | B             |

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|      |             |      |               |
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| [51] | H04N 21/654 | [11] | 40052095      |
|      | H04N 21/81  |      | CN113366807 B |

[13] B

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|      |             |      |               |
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| [51] | H04N 21/658 | [11] | 40052095      |
|      | H04N 21/81  |      | CN113366807 B |

[13] B

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|------|-------------|------|---------------|
| [51] | H04N 21/81  | [11] | 40052095      |
|      | H04N 21/458 |      | CN113366807 B |
|      | H04W 88/02  |      |               |
|      | H04N 21/654 |      |               |
|      | H04N 21/658 |      |               |
|      | H04L 67/01  |      |               |

[13] B

[25] ZH

[21] 62021041769.2 [22] 04.11.2021

[86] 26.12.2019 PCT/US2019/068534

[87] 02.07.2020 WO2020/139919

[30] 28.12.2018 US,62/786 ,297

18.12.2019 US,16/718 ,499

[54] METHOD, DEVICE, AND MEDIUM FOR SHORTENING ADVERTISEMENT  
DURATION

縮短廣告持續時間的方法、裝置及介質

[73] TENCENT AMERICA LLC

腾讯美国有限责任公司

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|------|------------|------|--------------|
| [51] | H04N 23/50 | [11] | 40069077     |
|      | H04N 23/57 |      | EP4007256 B1 |
|      | F16M 11/08 |      |              |
|      | F16M 11/18 |      |              |
|      | F16M 13/02 |      |              |

[13] B

[25] EN

[21] 62022058705.4 [22] 19.08.2022

- [86] 05.08.2020 PCT/CN2020/107062  
[87] 11.02.2021 WO2021/023214  
[30] 08.08.2019 CN,201910731432.2  
[54] CAMERA ASSEMBLY AND ELECTRONIC DEVICE  
一種攝像頭組件及電子設備  
[73] HONOR DEVICE CO., LTD.  
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Suite 3401, Unit A, Building 6, Shum Yip Sky Park  
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- |      |            |      |              |
|------|------------|------|--------------|
| [51] | H04N 23/57 | [11] | 40069077     |
|      | H04N 23/50 |      | EP4007256 B1 |
|      |            | [13] | B            |

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|------|-------------|------|--------------|
| [51] | H04N 23/60  | [11] | 40069503     |
|      | H04N 23/667 |      | EP3993371 B1 |
|      |             | [13] | B            |

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- |      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 23/611 | [11] | 40062335      |
|      | G06V 40/16  |      | CN113826110 B |
|      |             | [13] | B             |

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- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04N 23/667 | [11] | 40069503     |
|      | H04N 23/60  |      | EP3993371 B1 |
|      | H04M 1/02   |      |              |
|      |             | [13] | B            |

[25] EN

[21] 62022058701.3 [22] 19.08.2022

- [86] 20.07.2020 PCT/CN2020/102911
- [87] 28.01.2021 WO2021/013113
- [30] 23.07.2019 CN,201910667438.8
- [54] IMAGE CAPTURE DISPLAY TERMINAL  
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ZHU, Chen 朱辰  
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- [51] H04R 3/00 [11] 40042200  
H04R 3/12 CN112789868 B
- [13] B
- [25] ZH
- [21] 62021031815.5 [22] 26.05.2021
- [86] 24.07.2019 PCT/US2019/043257
- [87] 30.01.2020 WO2020/023646
- [30] 25.07.2018 US,62/703,319
- [54] BLUETOOTH SPEAKER CONFIGURED TO PRODUCE SOUND AS WELL AS  
SIMULTANEOUSLY ACT AS BOTH SINK AND SOURCE  
配置為產生聲音並且同時用作接收器和源的藍芽揚聲器
- [73] Trulli Engineering, LLC  
特魯利工程有限責任公司  
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FOXMAN, Leonard L·福克斯曼  
MACIEJEWSKI, Jake J·馬基亞耶夫斯基  
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香港

灣仔告士打道 151 號資本中心 15 樓 1502 室

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| [51] | H04R 3/12 | [11] | 40042200      |
|      | H04R 3/00 |      | CN112789868 B |
|      |           | [13] | B             |

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| [51] | H04S 3/00   | [11] | 40006807      |
|      | G10L 19/008 |      | CN110085240 B |
|      |             | [13] | B             |

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| [51] | H04W 56/00 | [11] | 40005419     |
|      | H04L 5/00  |      | EP3518591 B1 |
|      | H04W 72/00 |      |              |
|      | H04W 72/04 |      |              |
|      |            | [13] | B            |

[25] EN

[21] 19128831.5 [22] 28.08.2019

[86] 04.05.2018 PCT/CN2018/085696

[87] 08.11.2018 WO2018/202156

[30] 05.05.2017 CN,201710314110.9

[54] COMMUNICATION METHOD AND COMMUNICATION APPARATUS

通信方法和通信裝置

[73] Huawei Technologies Co., Ltd.

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GAO, Kuandong 高寬棟

YAN, Mao 顏矛

XIANG, Gao 向高

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18 Harcourt Road, Admiralty

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| [51] | H04W 72/00 | [11] | 40005419     |
|      | H04W 56/00 |      | EP3518591 B1 |

[13] B

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| [51] | H04W 72/02 | [11] | 40011912      |
|      | H04W 72/04 |      | CN110249673 B |

[13] B

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| [51] | H04W 72/04 | [11] | 40005419     |
|      | H04W 56/00 |      | EP3518591 B1 |

[13] B

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| [51] | H04W 72/04 | [11] | 40011912      |
|      | H04W 72/02 |      | CN110249673 B |
|      | H04L 5/00  |      |               |
|      | H04W 72/12 |      |               |

[13] B

[25] ZH

[21] 62020001658.7 [22] 17.01.2020

[86] 20.12.2017 PCT/US2017/067595

[87] 09.08.2018 WO2018/144155

[30] 06.02.2017 US, 62/455,506

26.07.2017 US, 15/660,117

[54] METHOD, APPARATUS AND NON-TRANSITORY COMPUTER READABLE MEDIUM  
FOR WIRELESS COMMUNICATION

用於無線通訊的方法、裝置和非瞬態計算機可讀介質

[73] QUALCOMM INCORPORATED

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|      |            |      |               |
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| [51] | H04W 72/12 | [11] | 40011912      |
|      | H04W 72/04 |      | CN110249673 B |

[13] B

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| [51] | H04W 88/02 | [11] | 40052095      |
|      | H04N 21/81 |      | CN113366807 B |

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| [13] | B |
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| [51] | H05K 7/20 | [11] | 40006314     |
|      |           |      | EP3512321 B1 |

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| [13] | B |
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| [25] | EN |
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| [21] | 19129801.7 | [22] | 18.09.2019 |
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| [30] | 02.12.2015 US,14/956,595 |
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|      |                       |
|------|-----------------------|
| [54] | COOLING A DATA CENTER |
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|      |                           |
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|      |                    |
|------|--------------------|
| [72] | WONG, Eebern J     |
|      | KAM, Pascal        |
|      | KOWALSKI, Thomas R |
|      | DREW, Ron          |

|      |                                           |
|------|-------------------------------------------|
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|      | 19 Des Voeux Road Central,                |
|      | Hong Kong                                 |

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2. 按發表編號排列

Arranged by Publication Number

40003317 - 40083086

| [11]<br>發表編號    | 指定專利當局<br>發表編號                                 | [51]<br>國際專利分類                                                                                                                                           |
|-----------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Publication No. | Designated Patent<br>Office<br>Publication No. | International<br>Patent<br>Classification                                                                                                                |
| 40003317        | CN109509479                                    | G10L 19/16, G10L 21/038,<br>G10L 19/035, G10L 19/24                                                                                                      |
| 40003501        | CN109257596                                    | H04N 19/103, H04N 19/105,<br>H04N 19/119, H04N 19/157,<br>H04N 19/176, H04N 19/196,<br>H04N 19/46, H04N 19/593,<br>H04N 19/70, H04N 19/82,<br>H04N 19/96 |
| 40003512        | CN109844406                                    | G02B 6/00, G02B 5/18, G02B<br>30/33, G02B 27/42                                                                                                          |
| 40004712        | CN109790215                                    | C07K 16/00, A61K 39/395,<br>C12N 15/13, A61P 37/02,<br>A61P 35/00                                                                                        |
| 40005231        | CN109741056                                    | G06Q 20/38, G06Q 40/04                                                                                                                                   |
| 40005419        | EP3518591                                      | H04W 56/00, H04L 5/00, H04W<br>72/00, H04W 72/04                                                                                                         |
| 40005570        | CN109451723                                    | A45D 34/00                                                                                                                                               |
| 40006266        | EP3456744                                      | C07K 16/40, G01N 33/50                                                                                                                                   |
| 40006314        | EP3512321                                      | H05K 7/20                                                                                                                                                |
| 40006807        | CN110085240                                    | G10L 19/008, H04S 3/00                                                                                                                                   |
| 40008105        | CN109788792                                    | A23L 27/60, A23L 29/30,<br>A23L 3/3508, C12J 1/00                                                                                                        |
| 40008760        | CN109790541                                    | C12N 15/10, A61K 47/51                                                                                                                                   |
| 40008800        | EP3563806                                      | A61F 2/24, A61F 2/95, A61F<br>2/966                                                                                                                      |
| 40008817        | EP3483611                                      | G01N 33/68                                                                                                                                               |
| 40008977        | CN110084655                                    | G06Q 30/04, G06Q 20/38,<br>G06Q 20/40, G06Q 40/12                                                                                                        |
| 40010294        | CN110546650                                    | G06V 30/14, G01B 11/24,<br>G06T 7/00                                                                                                                     |
| 40010589        | CN110431845                                    | H04N 19/577                                                                                                                                              |

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| 40011912 | CN110249673 | H04W 72/04, H04W 72/02,<br>H04L 5/00, H04W 72/12                                                                |
| 40011950 | CN110268042 | C11D 7/30, C09K 3/30, C11D<br>7/50, C23G 5/028, C23G<br>5/032                                                   |
| 40011973 | CN110114674 | C07K 16/28                                                                                                      |
| 40012206 | CN110075308 | A61K 47/36, A61K 47/10,<br>A61K 9/107                                                                           |
| 40012525 | EP3555076   | C07D 405/14, C07D 417/12,<br>C07D 417/10, C07D 417/14,<br>A61K 31/541, C07D 405/12,<br>C07D 409/12, C07D 213/64 |
| 40013122 | CN110756546 | B09B 3/60, B09B 3/70, B09B<br>5/00, B09B 101/70                                                                 |
| 40013432 | CN110730633 | A61B 17/00, A61B 17/04,<br>A61B 17/064, A61B 17/08,<br>A61F 2/24                                                |
| 40014321 | CN110381869 | A61B 18/00                                                                                                      |
| 40015136 | CN110446506 | A61K 47/69, A61K 48/00,<br>A61K 9/00                                                                            |
| 40015236 | CN110799102 | A61B 17/00, A61B 17/04,<br>A61B 17/064, A61B 17/08,<br>A61F 2/24                                                |
| 40015786 | EP3584370   | E02D 7/02, E02D 7/06, E02D<br>7/12, E02D 7/14, E02D 7/16,<br>E02D 17/13, E21B 7/02, E21B<br>15/00               |
| 40015870 | CN110382542 | C07K 16/28                                                                                                      |
| 40016466 | CN110945440 | G03G 21/18, G03G 15/08                                                                                          |
| 40016662 | CN111050549 | A01N 25/30, A61K 47/10,<br>A61K 8/90, A01P 1/00, A01N<br>25/16                                                  |
| 40016822 | CN110471953 | G06F 16/2458, G06F 16/27,<br>G06F 16/22, G06F 21/64,<br>G06Q 40/04                                              |
| 40017274 | CN110678465 | C07D 455/06, C07F 7/10                                                                                          |
| 40019747 | CN110573064 | A61B 5/00, G01N 21/25                                                                                           |
| 40019832 | CN110636760 | A23L 33/105, A23L 33/135,<br>A23P 10/40, A61K 31/352                                                            |
| 40021671 | CN110879853 | G06F 16/901, G06F 16/332,<br>G06F 16/36                                                                         |
| 40021734 | CN111061907 | G06F 16/635, G06F 16/65                                                                                         |
| 40021742 | CN111055297 | B25J 11/00, B25J 9/16, B25J<br>15/08, B25J 15/02                                                                |
| 40022062 | CN110807335 | G06F 40/58, G06F 40/289,<br>G06F 16/36                                                                          |
| 40022184 | CN111062323 | G06Q 20/40, G06V 40/00,<br>G06Q 40/00, G06T 1/00                                                                |

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| 40022352 | CN111212753 | B60L 3/00                                                                                                                               |
| 40022559 | CN111061567 | G06F 9/50, G06Q 40/06                                                                                                                   |
| 40023169 | CN110929752 | G06F 18/241, G06N 5/02,<br>G16H 50/70                                                                                                   |
| 40023279 | EP3622988   | A61M 5/315                                                                                                                              |
| 40024058 | CN111274004 | G06F 9/46, G06F 16/14, G06F<br>16/11                                                                                                    |
| 40024062 | CN111241989 | G06V 40/40, G06V 40/16,<br>G06V 40/10                                                                                                   |
| 40024168 | CN111260760 | G06T 13/00                                                                                                                              |
| 40024371 | CN111353151 | G06F 21/53, G06F 21/56,<br>G06F 21/57, G06F 16/955                                                                                      |
| 40024423 | CN111223532 | G16C 20/10, G16C 20/70                                                                                                                  |
| 40024425 | CN111242090 | G06V 40/16, G06V 40/20,<br>G06V 40/40, G06V 10/82                                                                                       |
| 40024879 | CN111340126 | G06V 10/764, G06V 10/82,<br>G06N 3/0464, G06N 3/084,<br>G06V 10/774, G06V 10/77,<br>G06V 10/80                                          |
| 40025626 | CN110892120 | E04D 1/36, H02S 20/25, F24S<br>25/613                                                                                                   |
| 40025894 | CN111444828 | G06V 10/82, G06V 40/20,<br>G06V 10/25, G06V 10/764,<br>G06N 3/0464, G06N 3/08,<br>A63F 13/2145, A63F 13/42,<br>A63F 13/537, A63F 13/837 |
| 40026147 | CN111475679 | G06F 16/81                                                                                                                              |
| 40026162 | CN111381963 | G06F 9/50                                                                                                                               |
| 40026164 | CN111401376 | G06V 10/22, G06V 10/26,<br>G06V 10/764, G06V 20/70,<br>G06V 10/82                                                                       |
| 40026353 | CN111437605 | A63F 13/56, G06N 3/0464,<br>G06N 3/08                                                                                                   |
| 40027217 | CN110958874 | A61K 8/81, A61K 8/92, A61Q<br>5/00, A61Q 1/10                                                                                           |
| 40027301 | CN111522561 | G06F 8/65, G06F 11/14                                                                                                                   |
| 40027399 | CN111589115 | A63F 13/5252, A63F 13/60,<br>A63F 13/792, G06Q 30/0207                                                                                  |
| 40027424 | CN111563192 | G06F 16/953, G06F 40/295,<br>G06N 3/04                                                                                                  |
| 40027972 | CN111582862 | G06Q 20/36, G06F 40/30,<br>G10L 15/26, G10L 15/30,<br>G10L 25/51, H04L 51/10,<br>H04L 51/52                                             |
| 40027994 | EP3636149   | A61B 5/06, A61B 5/283                                                                                                                   |

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| 40028330 | CN111523879 | G06Q 20/36, G06Q 20/38,<br>H04L 9/32, H04L 9/40, G06K<br>17/00                                                                                                                                                                                                           |
| 40028335 | CN111144885 | G06Q 20/38, G06Q 20/06,<br>G06Q 40/04, H04L 9/32, H04L<br>9/40                                                                                                                                                                                                           |
| 40028467 | CN111711558 | H04L 51/04, H04L 51/046,<br>H04L 51/21                                                                                                                                                                                                                                   |
| 40028500 | CN111612921 | G06T 19/20, G06T 3/00                                                                                                                                                                                                                                                    |
| 40028866 | CN111589116 | A63F 13/533, A63F 13/537                                                                                                                                                                                                                                                 |
| 40042119 | CN112689927 | H01P 11/00, H01P 1/30, H01P<br>1/203                                                                                                                                                                                                                                     |
| 40042159 | EP3749669   | C07D 471/04, C07D 487/04,<br>C07D 498/04, C07D 513/04,<br>A61P 35/00, A61K 31/519                                                                                                                                                                                        |
| 40042172 | EP3814527   | C12Q 1/6844                                                                                                                                                                                                                                                              |
| 40042200 | CN112789868 | H04R 3/00, H04R 3/12                                                                                                                                                                                                                                                     |
| 40043311 | CN112119439 | G09B 1/00                                                                                                                                                                                                                                                                |
| 40043600 | GB2585150   | C12N 5/071, C12M 3/06, C12N<br>5/02, C12N 5/074, C12N 5/16                                                                                                                                                                                                               |
| 40045213 | EP3768669   | C07D 401/14, C07D 413/14,<br>C07D 401/08, C07D 417/14,<br>C07D 471/04, C07D 491/107,<br>A61K 31/496, A61K 31/497,<br>A61K 31/501, A61K 31/506,<br>A61P 31/00, A61P 11/00,<br>A61P 25/16, A61P 13/00,<br>A61P 25/28, A61P 25/18,<br>A61P 25/30, A61P 11/06,<br>A61P 25/10 |
| 40046686 | CN112399951 | B65D 71/42, B65B 17/02                                                                                                                                                                                                                                                   |
| 40047613 | CN112912344 | C02F 1/44, B01D 61/02, B01D<br>65/08, B01D 61/06                                                                                                                                                                                                                         |
| 40048143 | EP3790653   | A01N 25/00, A01N 25/30,<br>C08K 5/05, C11D 3/00, C11D<br>1/02, C11D 1/38, C11D 1/66,<br>C11D 1/94, C11D 1/72, C05G<br>3/50, C05G 3/70, C09K 23/38                                                                                                                        |
| 40048426 | EP3784792   | C12P 19/32, C12P 19/02,<br>C12P 19/18, C12P 19/00,<br>C12P 21/00                                                                                                                                                                                                         |
| 40048588 | CN112512772 | B29C 44/56, C08J 9/38, B29C<br>43/00                                                                                                                                                                                                                                     |
| 40049542 | CN113195369 | B65D 43/16, B65D 51/24,<br>B65D 55/02                                                                                                                                                                                                                                    |
| 40050199 | CN113261171 | H02J 3/12, H02J 3/16, H02J<br>3/18, H02J 3/38                                                                                                                                                                                                                            |
| 40050280 | CN112740116 | G04B 13/02, G04B 17/34                                                                                                                                                                                                                                                   |

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| 40050719 | CN112867477 | A61K 8/25, A61K 8/31, A61K 8/39, A61K 8/86, A61Q 1/14                                                                                                                                      |
| 40050996 | EP3870213   | A61K 38/26, A61K 9/00, A61K 47/18, A61K 47/10, A61P 3/10, A61P 3/04                                                                                                                        |
| 40051508 | CN113498384 | B42D 25/373, B42D 25/387, B42D 25/23, B42D 25/29, B42D 25/40, C09D 11/037, C09C 1/00                                                                                                       |
| 40051978 | EP3830243   | C12M 3/00, A61L 27/36, A61L 27/50                                                                                                                                                          |
| 40052095 | CN113366807 | H04N 21/81, H04N 21/458, H04W 88/02, H04N 21/654, H04N 21/658, H04L 67/01                                                                                                                  |
| 40052613 | CN113556996 | A61F 13/472, A61F 13/511, A61F 13/514, A61F 13/534, A61F 13/84, A61L 15/20, A61L 15/40, A61L 15/46                                                                                         |
| 40052933 | CN113366008 | C07H 19/16, C07H 19/20, C07H 19/207, A61K 31/70, A61K 31/7052, A61K 31/7076, A61P 35/00                                                                                                    |
| 40056004 | EP3915395   | A23L 5/00, A23L 33/22                                                                                                                                                                      |
| 40056666 | CN113853459 | D04B 1/00, D04B 1/18, D04B 1/14, D04B 1/16                                                                                                                                                 |
| 40057603 | CN113227188 | C08G 18/67, C07C 21/14, C07C 33/42, C08L 75/04                                                                                                                                             |
| 40058902 | EP3860561   | A61K 9/00, A61K 9/127, A61K 31/7088, C07C 211/00, C07C 219/00, C12N 15/88, C07D 295/15, A61K 31/713, A61K 47/60, A61K 47/69, A61P 37/02, C07C 217/08, C07C 219/06, C07C 229/30, C12N 15/11 |
| 40060639 | EP3874056   | C12P 19/30, C12P 19/18, C12N 11/08, C12N 9/12, C12N 9/10, C12N 9/14, C12N 11/087, C12P 21/00                                                                                               |
| 40060648 | EP3874055   | C12P 19/30, C12P 19/18, C12N 11/08, C12N 11/087, C12N 9/12, C12N 9/10, C12N 9/14, C12P 21/00                                                                                               |
| 40061069 | CN113366085 | C09K 11/08, C09K 11/61, C09K 11/66, C09K 11/67                                                                                                                                             |
| 40061360 | CN113508109 | C07D 277/82, C07D 471/04, A61K 31/428, A61K 31/437, A61P 31/00                                                                                                                             |
| 40062207 | CN114174711 | F16M 11/14                                                                                                                                                                                 |
| 40062335 | CN113826110 | G06V 40/16, G06T 7/20, G06T 7/70, G06T 7/143, G06T                                                                                                                                         |

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|          |             | 17/05, G06F 21/32, H04N<br>23/611, G06V 40/20                                                                                                                                                                                                          |
| 40064156 | CN114127001 | B66B 3/00, B66B 1/46                                                                                                                                                                                                                                   |
| 40065288 | CN113767295 | G01R 33/34                                                                                                                                                                                                                                             |
| 40066005 | CN113873261 | H04N 19/597, G06T 3/40,<br>H04N 19/103, H04N 19/11,<br>H04N 19/119, H04N 19/124,<br>H04N 19/129, H04N 19/13,<br>H04N 19/134, H04N 19/159,<br>H04N 19/176, H04N 19/30,<br>H04N 19/44, H04N 19/51,<br>H04N 19/625, H04N 19/70,<br>H04N 19/88, H04N 19/96 |
| 40066362 | CN114027842 | A61B 5/16, A61B 5/318, A61B<br>5/0205, A61B 5/00                                                                                                                                                                                                       |
| 40067606 | CN114378475 | B23K 35/26, B23K 35/363                                                                                                                                                                                                                                |
| 40067721 | CN113940078 | H04N 19/42, H04N 19/577                                                                                                                                                                                                                                |
| 40068086 | EP3974021   | A61N 1/36, A61N 1/05                                                                                                                                                                                                                                   |
| 40068130 | CN114520730 | H04L 9/40                                                                                                                                                                                                                                              |
| 40068250 | EP3996596   | A61B 6/04, A61B 5/055, A61G<br>7/053                                                                                                                                                                                                                   |
| 40069077 | EP4007256   | H04N 23/50, H04N 23/57,<br>F16M 11/08, F16M 11/18,<br>F16M 13/02                                                                                                                                                                                       |
| 40069503 | EP3993371   | H04N 23/667, H04N 23/60,<br>H04M 1/02                                                                                                                                                                                                                  |
| 40069799 | CN114040925 | C07K 16/28, C12N 15/13                                                                                                                                                                                                                                 |
| 40071168 | CN114746209 | B23K 35/26, C22C 13/00,<br>C22C 13/02, B23K 35/22                                                                                                                                                                                                      |
| 40071453 | CN114422826 | H04N 21/234, H04N 21/24,<br>H04N 21/262                                                                                                                                                                                                                |
| 40071560 | CN114344913 | A63F 13/67, A63F 13/53,<br>G06T 13/00                                                                                                                                                                                                                  |
| 40071766 | CN114916226 | C02F 1/40                                                                                                                                                                                                                                              |
| 40072021 | CN114307145 | A63F 13/5258, A63F 13/5372                                                                                                                                                                                                                             |
| 40072023 | CN114339362 | H04N 21/431, H04N 21/44                                                                                                                                                                                                                                |
| 40072240 | CN114339409 | H04N 21/4402, G06T 7/246,<br>G06T 7/269                                                                                                                                                                                                                |
| 40073455 | EP3973363   | G05B 19/042, G06F 8/34                                                                                                                                                                                                                                 |
| 40073782 | CN115151532 | C07D 241/44, C07D 471/04,<br>C07D 487/04, A61K 31/517,<br>A61P 35/00                                                                                                                                                                                   |
| 40074073 | CN114531591 | H04N 19/119, H04N 19/11,<br>H04N 19/124, H04N 19/129,<br>H04N 19/13, H04N 19/134,<br>H04N 19/103, H04N 19/176,<br>H04N 19/51, H04N 19/625                                                                                                              |

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| 40074285 | EP4065331   | B29B 17/00, B29C 43/02,<br>B29C 43/52, B29B 17/02,<br>B29K 1/00, B29K 105/26,<br>B29L 12/00, B29B 17/04                                                                                                                                                      |
| 40075068 | CN114513974 | A45D 34/02, B05B 11/00,<br>B05B 15/30, B65D 83/64,<br>B65D 83/32, B65D 83/14,<br>B65D 47/34                                                                                                                                                                  |
| 40075265 | CN114863506 | G07C 9/37, G06V 40/16, G06V<br>10/82, G07C 9/38, G06N<br>3/0464, G06N 3/08                                                                                                                                                                                   |
| 40075534 | CN115299022 | H04L 65/61, H04L 67/02,<br>H04L 67/146                                                                                                                                                                                                                       |
| 40076942 | CN114650990 | C07D 403/12, A61K 31/501,<br>A61P 29/00                                                                                                                                                                                                                      |
| 40078725 | EP4036766   | G06F 21/12, G06F 21/53                                                                                                                                                                                                                                       |
| 40078982 | EP4126842   | C07D 401/12, A61K 31/444,<br>A61P 23/00                                                                                                                                                                                                                      |
| 40079153 | CN114641964 | H04L 9/08, H04L 9/32                                                                                                                                                                                                                                         |
| 40079427 | CN115569118 | A61K 9/16, A61K 47/38, A61K<br>47/26, A61K 47/32, A61K<br>31/706, A61K 31/7084, A61K<br>31/455, A61K 45/06, A61K<br>31/352, A61K 31/05, A61K<br>36/87, A61K 36/73, A61K<br>36/185, A61P 39/00, A61P<br>37/02, A61P 9/10, A61P<br>25/28, A61P 3/10, A61P 3/04 |
| 40080540 | EP4066870   | A61M 1/06                                                                                                                                                                                                                                                    |
| 40081868 | EP4066857   | A61K 39/39, A61K 9/1127                                                                                                                                                                                                                                      |
| 40082327 | GB2605916   | A61M 16/08, A61M 16/10,<br>A61M 16/16, A61M 16/10                                                                                                                                                                                                            |
| 40083083 | CN115798518 | G10L 25/60, G10L 25/27                                                                                                                                                                                                                                       |
| 40083085 | CN115883835 | H04N 19/159, H04N 19/167,<br>H04N 19/172                                                                                                                                                                                                                     |
| 40083086 | CN115794139 | G06F 8/61, G06F 9/455, G06F<br>9/54, G06F 9/50                                                                                                                                                                                                               |

**3. 按申請編號排列****Arranged by Application Number****40003317 - 40083086**

| [21]<br>申請編號    | [11]<br>發表編號    |
|-----------------|-----------------|
| Application No. | Publication No. |
| 19126670.9      | 40003317        |
| 19126981.0      | 40003501        |
| 19126995.0      | 40003512        |
| 19128196.3      | 40004712        |
| 19128612.9      | 40005231        |
| 19128691.3      | 40006807        |
| 19128831.5      | 40005419        |
| 19129000.6      | 40005570        |
| 19129712.6      | 40006266        |
| 19129801.7      | 40006314        |
| 19131423.6      | 40008105        |
| 19131979.7      | 40008760        |
| 19132022.5      | 40008800        |
| 19132045.6      | 40008817        |
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| 19133782.3      | 40010294        |
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| 62022064894.8 | 40075534 |
| 62022065395.5 | 40076942 |
| 62022065807.9 | 40079153 |
| 62023068906.4 | 40078982 |

#### 4. 按專利所有人名稱排列 Arranged by Name of Proprietor

40003317 - 40083086

| [73]<br>專利所有人名<br>稱                                              | [51]<br>國際專利分類                                                                                                                                                                                                        | [11]<br>發表編號       | 指定專利當局<br>發表編號                                       |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------|
| Name<br>of<br>Proprietor                                         | International<br>Patent<br>Classification                                                                                                                                                                             | Publication<br>No. | Designated<br>Patent<br>Office<br>Publication<br>No. |
| ABBISKO<br>THERAPEUTICS CO.,<br>LTD. 上海和譽生物醫<br>藥科技有限公司          | C07H 19/16, C07H<br>19/20, C07H 19/207,<br>A61K 31/70, A61K<br>31/7052, A61K 31/7076,<br>A61P 35/00                                                                                                                   | 40052933           | CN113366008                                          |
| ALBEMARLE<br>CORPORATION                                         | C08G 18/67, C07C<br>21/14, C07C 33/42,<br>C08L 75/04                                                                                                                                                                  | 40057603           | CN113227188                                          |
| Advanced Wetting<br>Technologies Pty<br>Ltd                      | A01N 25/00, A01N<br>25/30, C08K 5/05, C11D<br>3/00, C11D 1/02, C11D<br>1/38, C11D 1/66, C11D<br>1/94, C11D 1/72, C05G<br>3/50, C05G 3/70, C09K<br>23/38                                                               | 40048143           | EP3790653                                            |
| Alnylam<br>Pharmaceuticals,<br>Inc.                              | A61K 9/00, A61K 9/127,<br>A61K 31/7088, C07C<br>211/00, C07C 219/00,<br>C12N 15/88, C07D<br>295/15, A61K 31/713,<br>A61K 47/60, A61K<br>47/69, A61P 37/02,<br>C07C 217/08, C07C<br>219/06, C07C 229/30,<br>C12N 15/11 | 40058902           | EP3860561                                            |
| Asahi Kasei<br>Kabushiki Kaisha<br>旭化成株式會社                       | D04B 1/00, D04B 1/18,<br>D04B 1/14, D04B 1/16                                                                                                                                                                         | 40056666           | CN113853459                                          |
| B1 Institute of<br>Image Technology,<br>Inc. 有限公司 B1 影像<br>技術研究所 | H04N 19/597, G06T<br>3/40, H04N 19/103,<br>H04N 19/11, H04N<br>19/119, H04N 19/124,<br>H04N 19/129, H04N<br>19/13, H04N 19/134,<br>H04N 19/159, H04N                                                                  | 40066005           | CN113873261                                          |

|                                                                  |                                                                                                                                                 |          |             |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
|                                                                  | 19/176, H04N 19/30,<br>H04N 19/44, H04N<br>19/51, H04N 19/625,<br>H04N 19/70, H04N<br>19/88, H04N 19/96                                         |          |             |
| B1 Institute of<br>Image Technology,<br>Inc. 有限公司 B1 影像<br>技術研究所 | H04N 19/119, H04N<br>19/11, H04N 19/124,<br>H04N 19/129, H04N<br>19/13, H04N 19/134,<br>H04N 19/103, H04N<br>19/176, H04N 19/51,<br>H04N 19/625 | 40074073 | CN114531591 |
| BAUER<br>Spezialtiefbau<br>GmbH                                  | E02D 7/02, E02D 7/06,<br>E02D 7/12, E02D 7/14,<br>E02D 7/16, E02D 17/13,<br>E21B 7/02, E21B 15/00                                               | 40015786 | EP3584370   |
| BEIJING HANMI<br>PHARMACEUTICAL<br>CO., LTD. 北京韓美<br>藥品有限公司      | C07K 16/00, A61K<br>39/395, C12N 15/13,<br>A61P 37/02, A61P 35/00                                                                               | 40004712 | CN109790215 |
| Beijing Innocare<br>Pharma Tech Co.,<br>Ltd. 北京諾誠健華醫<br>藥科技有限公司  | C07D 403/12, A61K<br>31/501, A61P 29/00                                                                                                         | 40076942 | CN114650990 |
| Beijing Tide<br>Pharmaceutical<br>Co., Ltd. 北京泰德<br>製藥股份有限公司     | C07D 241/44, C07D<br>471/04, C07D 487/04,<br>A61K 31/517, A61P<br>35/00                                                                         | 40073782 | CN115151532 |
| BlackBerry Limited                                               | G06F 21/12, G06F 21/53                                                                                                                          | 40078725 | EP4036766   |
| CHINA UNIONPAY<br>CO., LTD. 中國銀聯<br>股份有限公司                       | G06Q 20/38, G06Q 40/04                                                                                                                          | 40005231 | CN109741056 |
| CJ CHEILJEDANG<br>CORPORATION CJ 第一<br>製糖株式會社                    | A23L 27/60, A23L<br>29/30, A23L 3/3508,<br>C12J 1/00                                                                                            | 40008105 | CN109788792 |
| Canon Kabushiki<br>Kaisha                                        | G03G 21/18, G03G 15/08                                                                                                                          | 40016466 | CN110945440 |
| Chiaro Technology<br>Limited                                     | A61M 1/06                                                                                                                                       | 40080540 | EP4066870   |
| DOLBY<br>INTERNATIONAL AB<br>杜比国际公司                              | G10L 19/16, G10L<br>21/038, G10L 19/035,<br>G10L 19/24                                                                                          | 40003317 | CN109509479 |
| DOLBY<br>INTERNATIONAL AB<br>杜比国际公司                              | G10L 19/008, H04S 3/00                                                                                                                          | 40006807 | CN110085240 |
| Du Xiaonan 杜晓楠                                                   | G06F 8/65, G06F 11/14                                                                                                                           | 40027301 | CN111522561 |
| Du Xiaonan 杜晓楠                                                   | G06Q 20/36, G06Q<br>20/38, H04L 9/32, H04L<br>9/40, G06K 17/00                                                                                  | 40028330 | CN111523879 |

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|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| Du Xiaonan 杜晓楠                                    | G06Q 20/38, G06Q<br>20/06, G06Q 40/04,<br>H04L 9/32, H04L 9/40                                                                                              | 40028335 | CN111144885 |
| ECOLAB USA INC. 埃<br>科萊布美國股份有限公<br>司              | A01N 25/30, A61K<br>47/10, A61K 8/90, A01P<br>1/00, A01N 25/16                                                                                              | 40016662 | CN111050549 |
| ELC MANAGEMENT LLC                                | A61K 8/81, A61K 8/92,<br>A61Q 5/00, A61Q 1/10                                                                                                               | 40027217 | CN110958874 |
| ELC MANAGEMENT LLC                                | A45D 34/02, B05B<br>11/00, B05B 15/30,<br>B65D 83/64, B65D<br>83/32, B65D 83/14,<br>B65D 47/34                                                              | 40075068 | CN114513974 |
| ELEMENT, INC. 埃利<br>蒙特公司                          | G06V 40/16, G06T 7/20,<br>G06T 7/70, G06T 7/143,<br>G06T 17/05, G06F<br>21/32, H04N 23/611,<br>G06V 40/20                                                   | 40062335 | CN113826110 |
| ELI LILLY AND<br>COMPANY                          | C07D 401/12, A61K<br>31/444, A61P 23/00                                                                                                                     | 40078982 | EP4126842   |
| EMULATE, INC.                                     | C12N 5/071, C12M 3/06,<br>C12N 5/02, C12N 5/074,<br>C12N 5/16                                                                                               | 40043600 | GB2585150   |
| Ecopia (Hong Kong)<br>Limited                     | B09B 3/60, B09B 3/70,<br>B09B 5/00, B09B 101/70                                                                                                             | 40013122 | CN110756546 |
| F. HOFFMANN-LA<br>ROCHE AG                        | C12N 15/10, A61K 47/51                                                                                                                                      | 40008760 | CN109790541 |
| F. HOFFMANN-LA<br>ROCHE AG                        | C07K 16/28                                                                                                                                                  | 40011973 | CN110114674 |
| F. HOFFMANN-LA<br>ROCHE AG 豪夫迈·罗<br>氏有限公司         | C07K 16/28                                                                                                                                                  | 40015870 | CN110382542 |
| FISHER & PAYKEL<br>HEALTHCARE LIMITED             | A61M 16/08, A61M<br>16/10, A61M 16/16,<br>A61M 16/10                                                                                                        | 40082327 | GB2605916   |
| FIVE ELEVEN PHARMA<br>INC. 五一一制药股份<br>有限公司        | C07D 455/06, C07F 7/10                                                                                                                                      | 40017274 | CN110678465 |
| Febromed GmbH &<br>Co. KG                         | A61B 6/04, A61B 5/055,<br>A61G 7/053                                                                                                                        | 40068250 | EP3996596   |
| GE Video<br>Compression, LLC<br>GE 视频压缩有限责任公<br>司 | H04N 19/103, H04N<br>19/105, H04N 19/119,<br>H04N 19/157, H04N<br>19/176, H04N 19/196,<br>H04N 19/46, H04N<br>19/593, H04N 19/70,<br>H04N 19/82, H04N 19/96 | 40003501 | CN109257596 |
| GENFLEET<br>THERAPEUTICS<br>(SHANGHAI) INC. 劲     | C07D 277/82, C07D<br>471/04, A61K 31/428,                                                                                                                   | 40061360 | CN113508109 |

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| 方医药科技(上海)有限公司<br>ZHEJIANG GENFLEET<br>THERAPEUTICS CO.,<br>LTD. 浙江劲方药业有<br>限公司 | A61K 31/437, A61P<br>31/00                                                                                                                                                                                                                                            |          |             |
| GlaxoSmithKline<br>Biologicals SA                                              | A61K 39/39, A61K<br>9/1127                                                                                                                                                                                                                                            | 40081868 | EP4066857   |
| Google LLC                                                                     | H05K 7/20                                                                                                                                                                                                                                                             | 40006314 | EP3512321   |
| Gruber, Markus 马<br>库斯·格鲁伯                                                     | G05B 19/042, G06F 8/34                                                                                                                                                                                                                                                | 40073455 | EP3973363   |
| H2C S.R.L.                                                                     | B29B 17/00, B29C<br>43/02, B29C 43/52,<br>B29B 17/02, B29K 1/00,<br>B29K 105/26, B29L<br>12/00, B29B 17/04                                                                                                                                                            | 40074285 | EP4065331   |
| HOBBOOMLIFE BIO-<br>TECHNOLOGY<br>(SHENZHEN) CO.,<br>LTD. 泓博元生命科技<br>(深圳)有限公司  | A61K 9/16, A61K 47/38,<br>A61K 47/26, A61K<br>47/32, A61K 31/706,<br>A61K 31/7084, A61K<br>31/455, A61K 45/06,<br>A61K 31/352, A61K<br>31/05, A61K 36/87,<br>A61K 36/73, A61K<br>36/185, A61P 39/00,<br>A61P 37/02, A61P 9/10,<br>A61P 25/28, A61P 3/10,<br>A61P 3/04 | 40079427 | CN115569118 |
| HONOR DEVICE CO.,<br>LTD. 荣耀终端有限公<br>司                                         | H04N 23/667, H04N<br>23/60, H04M 1/02                                                                                                                                                                                                                                 | 40069503 | EP3993371   |
| HONOR DEVICE CO.,<br>LTD. 荣耀终端有限公<br>司                                         | H04N 23/50, H04N<br>23/57, F16M 11/08,<br>F16M 11/18, F16M 13/02                                                                                                                                                                                                      | 40069077 | EP4007256   |
| Huawei<br>Technologies Co.,<br>Ltd. 華為技術有限公<br>司                               | H04W 56/00, H04L 5/00,<br>H04W 72/00, H04W 72/04                                                                                                                                                                                                                      | 40005419 | EP3518591   |
| I.C. MEDICAL, INC.<br>I·C·醫療股份有限公司                                             | A61B 18/00                                                                                                                                                                                                                                                            | 40014321 | CN110381869 |
| INVENTIO AG 因温特<br>奥股份公司                                                       | B66B 3/00, B66B 1/46                                                                                                                                                                                                                                                  | 40064156 | CN114127001 |
| Ideaya<br>Biosciences, Inc.                                                    | C07D 471/04, C07D<br>487/04, C07D 498/04,<br>C07D 513/04, A61P<br>35/00, A61K 31/519                                                                                                                                                                                  | 40042159 | EP3749669   |
| Il Dong<br>Pharmaceutical<br>Co., Ltd.                                         | C07D 405/14, C07D<br>417/12, C07D 417/10,<br>C07D 417/14, A61K<br>31/541, C07D 405/12,                                                                                                                                                                                | 40012525 | EP3555076   |

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|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|-------------|
|                                                                                        | C07D 409/12, C07D<br>213/64                                                                                    |          |             |
| JO Cosmetics CO.,<br>LTD. 捷鷗化妝品株式<br>會社<br>Premier Anti-Aging<br>Co., Ltd. 蓓安美株<br>式會社 | A61K 8/25, A61K 8/31,<br>A61K 8/39, A61K 8/86,<br>A61Q 1/14                                                    | 40050719 | CN112867477 |
| Johnson & Johnson<br>Consumer Inc.                                                     | A45D 34/00                                                                                                     | 40005570 | CN109451723 |
| KAWASAKI RAILCAR<br>MANUFACTURING CO.,<br>LTD. 川崎車輛株式會<br>社                            | B60L 3/00                                                                                                      | 40022352 | CN111212753 |
| KIM, Ji Yeun 金智娟                                                                       | A61F 13/472, A61F<br>13/511, A61F 13/514,<br>A61F 13/534, A61F<br>13/84, A61L 15/20,<br>A61L 15/40, A61L 15/46 | 40052613 | CN113556996 |
| KOBEGOSEI CO., LTD.<br>神戸合成株式會社                                                        | C11D 7/30, C09K 3/30,<br>C11D 7/50, C23G 5/028,<br>C23G 5/032                                                  | 40011950 | CN110268042 |
| KONTU, INC. 康圖股<br>份有限公司                                                               | G09B 1/00                                                                                                      | 40043311 | CN112119439 |
| KYOCERA AVX<br>Components<br>Corporation 京瓷<br>AVX 元器件公司                               | H01P 11/00, H01P 1/30,<br>H01P 1/203                                                                           | 40042119 | CN112689927 |
| LANOVA MEDICINES<br>LIMITED 礼新医药科技<br>(上海)有限公司                                         | C07K 16/28, C12N 15/13                                                                                         | 40069799 | CN114040925 |
| LEIA Inc. 鐳亞股份<br>有限公司                                                                 | G02B 6/00, G02B 5/18,<br>G02B 30/33, G02B 27/42                                                                | 40003512 | CN109844406 |
| MITSUBISHI<br>ELECTRIC<br>CORPORATION 三菱电<br>机株式會社                                     | H02J 3/12, H02J 3/16,<br>H02J 3/18, H02J 3/38                                                                  | 40050199 | CN113261171 |
| MIZKAN HOLDINGS<br>CO., LTD. 株式會社<br>Mizkan Holdings                                   | A23L 5/00, A23L 33/22                                                                                          | 40056004 | EP3915395   |
| MODULATED IMAGING,<br>INC.                                                             | A61B 5/00, G01N 21/25                                                                                          | 40019747 | CN110573064 |
| MOOGENE MEDI CO.,<br>LTD. 无尽医疗有限公<br>司                                                 | A61K 47/69, A61K<br>48/00, A61K 9/00                                                                           | 40015136 | CN110446506 |
| Massachusetts<br>Institute of<br>Technology<br>The Broad                               | C12Q 1/6844                                                                                                    | 40042172 | EP3814527   |

Institute, Inc.  
President and  
Fellows of Harvard  
College

|                                                                            |                                                                                                                                      |          |             |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| Max-Planck-<br>Gesellschaft zur<br>Förderung der<br>Wissenschaften<br>e.V. | C12P 19/32, C12P<br>19/02, C12P 19/18,<br>C12P 19/00, C12P 21/00                                                                     | 40048426 | EP3784792   |
| Max-Planck-<br>Gesellschaft zur<br>Förderung der<br>Wissenschaften<br>e.V. | C12P 19/30, C12P<br>19/18, C12N 11/08,<br>C12N 9/12, C12N 9/10,<br>C12N 9/14, C12N<br>11/087, C12P 21/00                             | 40060639 | EP3874056   |
| Max-Planck-<br>Gesellschaft zur<br>Förderung der<br>Wissenschaften<br>e.V. | C12P 19/30, C12P<br>19/18, C12N 11/08,<br>C12N 11/087, C12N<br>9/12, C12N 9/10, C12N<br>9/14, C12P 21/00                             | 40060648 | EP3874055   |
| Medinol Ltd.                                                               | A61F 2/24, A61F 2/95,<br>A61F 2/966                                                                                                  | 40008800 | EP3563806   |
| NIVAROX-FAR S.A.                                                           | G04B 13/02, G04B 17/34                                                                                                               | 40050280 | CN112740116 |
| NOVO NORDISK A/S                                                           | A61K 38/26, A61K 9/00,<br>A61K 47/18, A61K<br>47/10, A61P 3/10, A61P<br>3/04                                                         | 40050996 | EP3870213   |
| NSE PRODUCTS, INC.<br>NSE 产品公司                                             | A23L 33/105, A23L<br>33/135, A23P 10/40,<br>A61K 31/352                                                                              | 40019832 | CN110636760 |
| Nike Innovate C.V.<br>耐克创新有限合伙公司                                           | B29C 44/56, C08J 9/38,<br>B29C 43/00                                                                                                 | 40048588 | CN112512772 |
| ONWARD MEDICAL<br>N.V. 昂沃醫療公眾有<br>限公司                                      | A61N 1/36, A61N 1/05                                                                                                                 | 40068086 | EP3974021   |
| OPUS MEDICAL<br>THERAPIES, LLC 欧<br>普斯医疗疗法有限公司                             | A61B 17/00, A61B<br>17/04, A61B 17/064,<br>A61B 17/08, A61F 2/24                                                                     | 40013432 | CN110730633 |
| OPUS MEDICAL<br>THERAPIES, LLC 欧<br>普斯医疗疗法有限公司                             | A61B 17/00, A61B<br>17/04, A61B 17/064,<br>A61B 17/08, A61F 2/24                                                                     | 40015236 | CN110799102 |
| PEAK DESIGN 尖峰设<br>计公司                                                     | F16M 11/14                                                                                                                           | 40062207 | CN114174711 |
| PROMAXO, INC. 普罗<br>马克索公司                                                  | G01R 33/34                                                                                                                           | 40065288 | CN113767295 |
| Pfizer Inc.                                                                | C07D 401/14, C07D<br>413/14, C07D 401/08,<br>C07D 417/14, C07D<br>471/04, C07D 491/107,<br>A61K 31/496, A61K<br>31/497, A61K 31/501, | 40045213 | EP3768669   |

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|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
|                                                                      | A61K 31/506, A61P<br>31/00, A61P 11/00,<br>A61P 25/16, A61P<br>13/00, A61P 25/28,<br>A61P 25/18, A61P<br>25/30, A61P 11/06,<br>A61P 25/10 |          |             |
| Ping An<br>Technology (Shenzhe<br>n) Co., Ltd. 平安科技<br>(深圳) 有限公司     | G06F 18/241, G06N<br>5/02, G16H 50/70                                                                                                     | 40023169 | CN110929752 |
| QUALCOMM<br>INCORPORATED 高通股<br>份有限公司                                | H04W 72/04, H04W<br>72/02, H04L 5/00, H04W<br>72/12                                                                                       | 40011912 | CN110249673 |
| QUALCOMM<br>Incorporated 高通股<br>份有限公司                                | H04N 19/577                                                                                                                               | 40010589 | CN110431845 |
| QUALCOMM<br>Incorporated 高通股<br>份有限公司                                | H04N 19/42, H04N<br>19/577                                                                                                                | 40067721 | CN113940078 |
| SENJU METAL<br>INDUSTRY CO., LTD.<br>千住金属工业株式会社                      | B23K 35/26, B23K<br>35/363                                                                                                                | 40067606 | CN114378475 |
| SENJU METAL<br>INDUSTRY CO., LTD.<br>千住金属工业株式会社                      | B23K 35/26, C22C<br>13/00, C22C 13/02,<br>B23K 35/22                                                                                      | 40071168 | CN114746209 |
| SICPA HOLDING SA<br>錫克拜控股有限公司                                        | B42D 25/373, B42D<br>25/387, B42D 25/23,<br>B42D 25/29, B42D<br>25/40, C09D 11/037,<br>C09C 1/00                                          | 40051508 | CN113498384 |
| STELLA CHEMIFA<br>CORPORATION 斯泰拉<br>化工公司                            | C09K 11/08, C09K<br>11/61, C09K 11/66,<br>C09K 11/67                                                                                      | 40061069 | CN113366085 |
| Sanofi-Aventis<br>Deutschland GmbH                                   | A61M 5/315                                                                                                                                | 40023279 | EP3622988   |
| Seagen Inc.                                                          | G01N 33/68                                                                                                                                | 40008817 | EP3483611   |
| TENCENT AMERICA<br>LLC 腾讯美国有限责任<br>公司                                | H04N 21/81, H04N<br>21/458, H04W 88/02,<br>H04N 21/654, H04N<br>21/658, H04L 67/01                                                        | 40052095 | CN113366807 |
| TENCENT TECHNOLOGY<br>(SHENZHEN) COMPANY<br>LIMITED 腾讯科技(深<br>圳)有限公司 | G06F 16/953, G06F<br>40/295, G06N 3/04                                                                                                    | 40027424 | CN111563192 |
| TENCENT TECHNOLOGY<br>(SHENZHEN) COMPANY<br>LIMITED 腾讯科技(深<br>圳)有限公司 | G06Q 30/04, G06Q<br>20/38, G06Q 20/40,<br>G06Q 40/12                                                                                      | 40008977 | CN110084655 |

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|------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/2458, G06F 16/27, G06F 16/22, G06F 21/64, G06Q 40/04                          | 40016822 | CN110471953 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 40/58, G06F 40/289, G06F 16/36                                                   | 40022062 | CN110807335 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/901, G06F 16/332, G06F 16/36                                                  | 40021671 | CN110879853 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/635, G06F 16/65                                                               | 40021734 | CN111061907 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | B25J 11/00, B25J 9/16, B25J 15/08, B25J 15/02                                         | 40021742 | CN111055297 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06Q 20/40, G06V 40/00, G06Q 40/00, G06T 1/00                                         | 40022184 | CN111062323 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 9/50, G06Q 40/06                                                                 | 40022559 | CN111061567 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 9/46, G06F 16/14, G06F 16/11                                                     | 40024058 | CN111274004 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06V 40/40, G06V 40/16, G06V 40/10                                                    | 40024062 | CN111241989 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06T 13/00                                                                            | 40024168 | CN111260760 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06V 10/764, G06V 10/82, G06N 3/0464, G06N 3/084, G06V 10/774, G06V 10/77, G06V 10/80 | 40024879 | CN111340126 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 21/53, G06F 21/56, G06F 21/57, G06F 16/955                                       | 40024371 | CN111353151 |

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|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G16C 20/10, G16C 20/70                                                                                                      | 40024423 | CN111223532 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06V 40/16, G06V 40/20, G06V 40/40, G06V 10/82                                                                              | 40024425 | CN111242090 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06V 10/82, G06V 40/20, G06V 10/25, G06V 10/764, G06N 3/0464, G06N 3/08, A63F 13/2145, A63F 13/42, A63F 13/537, A63F 13/837 | 40025894 | CN111444828 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/81                                                                                                                  | 40026147 | CN111475679 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 9/50                                                                                                                   | 40026162 | CN111381963 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06V 10/22, G06V 10/26, G06V 10/764, G06V 20/70, G06V 10/82                                                                 | 40026164 | CN111401376 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/56, G06N 3/0464, G06N 3/08                                                                                          | 40026353 | CN111437605 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/533, A63F 13/537                                                                                                    | 40028866 | CN111589116 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/5252, A63F 13/60, A63F 13/792, G06Q 30/0207                                                                         | 40027399 | CN111589115 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06Q 20/36, G06F 40/30, G10L 15/26, G10L 15/30, G10L 25/51, H04L 51/10, H04L 51/52                                          | 40027972 | CN111582862 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04L 51/04, H04L 51/046, H04L 51/21                                                                                         | 40028467 | CN111711558 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY                      | G06T 19/20, G06T 3/00                                                                                                       | 40028500 | CN111612921 |

## LIMITED 腾讯科技(深圳)有限公司

|                                                            |           |          |             |
|------------------------------------------------------------|-----------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04L 9/40 | 40068130 | CN114520730 |
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## LIMITED 腾讯科技(深圳)有限公司

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|------------------------------------------------------------|--------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 21/234, H04N 21/24, H04N 21/262 | 40071453 | CN114422826 |
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## LIMITED 腾讯科技(深圳)有限公司

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|------------------------------------------------------------|--------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 21/4402, G06T 7/246, G06T 7/269 | 40072240 | CN114339409 |
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## LIMITED 腾讯科技(深圳)有限公司

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|------------------------------------------------------------|----------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/5258, A63F 13/5372 | 40072021 | CN114307145 |
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## LIMITED 腾讯科技(深圳)有限公司

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|------------------------------------------------------------|-------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 21/431, H04N 21/44 | 40072023 | CN114339362 |
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## LIMITED 腾讯科技(深圳)有限公司

|                                                            |                                    |          |             |
|------------------------------------------------------------|------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/67, A63F 13/53, G06T 13/00 | 40071560 | CN114344913 |
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## LIMITED 腾讯科技(深圳)有限公司

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|------------------------------------------------------------|------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G10L 25/60, G10L 25/27 | 40083083 | CN115798518 |
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## LIMITED 腾讯科技(深圳)有限公司

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|------------------------------------------------------------|---------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 19/159, H04N 19/167, H04N 19/172 | 40083085 | CN115883835 |
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## LIMITED 腾讯科技(深圳)有限公司

|                                                            |                                             |          |             |
|------------------------------------------------------------|---------------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 8/61, G06F 9/455, G06F 9/54, G06F 9/50 | 40083086 | CN115794139 |
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## LIMITED 腾讯科技(深圳)有限公司

|                       |                                    |          |             |
|-----------------------|------------------------------------|----------|-------------|
| TESLA, INC. 特斯拉股份有限公司 | E04D 1/36, H02S 20/25, F24S 25/613 | 40025626 | CN110892120 |
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## THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY 斯蒂文斯理工学院董事会

|                                                                 |                      |          |             |
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| THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY 斯蒂文斯理工学院董事会 | H04L 9/08, H04L 9/32 | 40079153 | CN114641964 |
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## TOYO GLASS CO., LTD. 东洋玻璃株式会社

|                               |                                   |          |             |
|-------------------------------|-----------------------------------|----------|-------------|
| TOYO GLASS CO., LTD. 东洋玻璃株式会社 | G06V 30/14, G01B 11/24, G06T 7/00 | 40010294 | CN110546650 |
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|--------------------------------------------------------------------|----------------------------------------------------------------------------|----------|-------------|
| Takeda<br>Pharmaceutical<br>Company Limited                        | C07K 16/40, G01N 33/50                                                     | 40006266 | EP3456744   |
| Teleflex Life<br>Sciences Limited                                  | A61B 5/06, A61B 5/283                                                      | 40027994 | EP3636149   |
| Tencent America<br>LLC 腾讯美国有限责任<br>公司                              | H04L 65/61, H04L<br>67/02, H04L 67/146                                     | 40075534 | CN115299022 |
| Trulli<br>Engineering, LLC<br>特鲁利工程有限责任公<br>司                      | H04R 3/00, H04R 3/12                                                       | 40042200 | CN112789868 |
| UNITED CAPS FRANCE<br>统一塞法国公司                                      | B65D 43/16, B65D<br>51/24, B65D 55/02                                      | 40049542 | CN113195369 |
| UTSUNOMIYA KOGYO<br>CO., LTD. 宇都宫工<br>業株式会社                        | C02F 1/40                                                                  | 40071766 | CN114916226 |
| VEOLIA WATER<br>SOLUTIONS &<br>TECHNOLOGIES<br>SUPPORT             | C02F 1/44, B01D 61/02,<br>B01D 65/08, B01D 61/06                           | 40047613 | CN112912344 |
| VERSITECH LIMITED<br>港大科桥有限公司                                      | A61K 47/36, A61K<br>47/10, A61K 9/107                                      | 40012206 | CN110075308 |
| VeriGraft AB                                                       | C12M 3/00, A61L 27/36,<br>A61L 27/50                                       | 40051978 | EP3830243   |
| WESTROCK PACKAGING<br>SYSTEMS, LLC                                 | B65D 71/42, B65B 17/02                                                     | 40046686 | CN112399951 |
| ZHUHAI UNITECH<br>POWER TECHNOLOGY<br>CO., LTD. 珠海优特电<br>力科技股份有限公司 | G07C 9/37, G06V 40/16,<br>G06V 10/82, G07C 9/38,<br>G06N 3/0464, G06N 3/08 | 40075265 | CN114863506 |
| 趙永翔                                                                | A61B 5/16, A61B 5/318,<br>A61B 5/0205, A61B 5/00                           | 40066362 | CN114027842 |



香港特別行政區政府知識產權署專利註冊處

The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department**根據專利條例第 37X 條發表批予原授標準專利****Granted Standard Patents (O) published under section 37X of the Patents Ordinance****1. 按國際專利分類排列****Arranged by International Patent Classification****20037241 - 20037241**

[51] G06F 16/22 [11] 20037241  
G06F 16/2458

[13] B

[51] G06F 16/2458 [11] 20037241  
G06Q 50/28  
G06F 16/22

[13] B

[25] EN

[21] 22020022244.0 [22] 16.12.2020

[30] 23.01.2020 US,16/750,143

[54] SYSTEMS AND METHODS FOR PROPAGATING TIMER MANAGEMENT AND  
EVENT TRIGGERING

用於傳播定時器管理和事件觸發的系統和方法

[73] Coupang Corp.  
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[51] G06Q 50/28 [11] 20037241  
G06F 16/2458

[13] B

2. 按發表編號排列

Arranged by Publication Number

20037241 - 20037241

| [11]<br>發表編號    | [51]<br>國際專利分類                            |
|-----------------|-------------------------------------------|
| Publication No. | International<br>Patent<br>Classification |
| 20037241        | G06F 16/2458, G06Q 50/28,<br>G06F 16/22   |

3. 按申請編號排列

Arranged by Application Number

20037241 - 20037241

|                 |                 |
|-----------------|-----------------|
| [21]            | [11]            |
| 申請編號            | 發表編號            |
| Application No. | Publication No. |
| 22020022244.0   | 20037241        |

4. 按專利所有人名稱排列

Arranged by Name of Proprietor

20037241 - 20037241

| [73]               | [51]                                 | [11]            |
|--------------------|--------------------------------------|-----------------|
| 專利所有人名稱            | 國際專利分類                               | 發表編號            |
| Name of Proprietor | International Patent Classification  | Publication No. |
| Coupang Corp.      | G06F 16/2458, G06Q 50/28, G06F 16/22 | 20037241        |



香港特別行政區政府知識產權署專利註冊處  
The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

## 根據專利條例第 118 條發表批予短期專利

### Granted Short-term Patents published under section 118 of the Patents Ordinance

#### 1. 按國際專利分類排列

##### Arranged by International Patent Classification

###### 30086391 - 30086395

|      |                        |      |          |
|------|------------------------|------|----------|
| [51] | A61K 8/18<br>A61Q 1/06 | [11] | 30086393 |
|      |                        | [13] | A        |

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|      |                        |      |          |
|------|------------------------|------|----------|
| [51] | A61Q 1/06<br>A61K 8/18 | [11] | 30086393 |
|      |                        | [13] | A        |

[25] EN

[21] 32023072962.8 [22] 15.05.2023

[54] A LIQUID LIPSTICK PREPARATION APPARATUS  
一種液體唇膏製備裝置

[73] Po Leung Kuk Ngan Po Ling College  
保良局顏寶鈴書院  
26 Sung On Street, Tokwawan, Kowloon  
HONG KONG

[72] CHAN Tsz Yau Ethel 陳籽攸  
CHU Lok Yiu 朱樂遙  
LI Ka Yi 李嘉怡  
MOK Anson 莫駿謙  
SIU Ka Hei 蕭珈晞  
WONG Tin Yan Tiana 王天恩  
YEUNG Ophelia 楊鎧澄

[74] REAL AND COMPLEX INTELLECTUAL PROPERTY SERVICES LIMITED  
Flat C, 7/F, Kwai Bo Ind. Bldg.  
40 Wong Chuk Hang Road  
Aberdeen  
HONG KONG

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|      |            |      |          |
|------|------------|------|----------|
| [51] | A63H 33/00 | [11] | 30086391 |
|      |            | [13] | A        |

[25] ZH  
[21] 32023070171.8 [22] 17.03.2023  
[30] 19.07.2022 CN, 202221856997.7  
[54] A FOAMED BALL TOY  
一種發泡圓球玩具  
[73] 甘光雄  
中國  
廣東省江門市蓬江區水南樹梓里 77 號 102  
[72] 甘光雄  
[74] 卓遠知識產權有限公司  
香港  
上環禧利街 27 號  
富輝商業中心 10 樓

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[51] B60W 60/00 [11] 30086392  
[13] A  
[25] ZH  
[21] 32023071276.4 [22] 11.04.2023  
[54] AN AUTONOMOUS DRIVERLESS METHOD AND MINIBUS  
一種自動無人駕駛方法及小巴  
[73] Hong Kong StarHarbour Limited  
香港星港有限公司  
香港  
九龍尖沙咀廣東道 30 號  
新港中心 2 座 1210A 室  
[72] Zhao Liheng 趙立恒  
[74] 競貝國際知識產權代理有限公司  
香港  
新界白石角香港科學園  
第三期科技大道西 12 號 2 樓 230 室

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[51] C12P 39/00 [11] 30086395  
[13] A  
[25] ZH  
[21] 32023075104.4 [22] 29.06.2023  
[54] FERMENTED PRUNE JUICE RICH IN ORGANIC ACID AND SOD, ITS  
PREPARATION METHOD AND APPLICATION IN LAXATIVE, FAT REDUCTION  
AND BEAUTY PRODUCTS  
一種富含有機酸和 SOD 的發酵西梅汁、製備方法及在通便、減脂、美容產品中的應用  
[73] Mom's Garden GmbH  
媽媽花園股份有限公司  
德國

威斯巴登

哈格瑙爾街 59 号, D-65203

[72] KANG, Naeyoung 那依欧扬·姜

[74] 普潤知識產權(香港)有限公司

香港

銅鑼灣怡和街 28 號

恒生銅鑼灣大廈 12 樓 B 室

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[51] G06K 19/07 [11] 30086394  
G06K 19/077

[13] A

[25] EN

[21] 32023073592.2 [22] 25.05.2023

[54] DUAL-CHIP NFC CARD WITH SAME FREQUENCY AND MANUFACTURING  
METHOD OF THE SAME

同頻雙芯片 NFC 卡及其製造方法

[73] LEE CHOR MAN

Flat 2, 4/F, Block J

Tai Po Garden, Tai Po, NT

HONG KONG

[72] LEE CHOR MAN

[74] HONG KONG INTELLECTUAL PROPERTY AGENT LIMITED

Unit 230, 2/F, Building 12W, No. 12 Science Park West Avenue

Phase 3, Hong Kong Science Park, Pak Shek Kok, N.T.

HONG KONG

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[51] G06K 19/077 [11] 30086394  
G06K 19/07

[13] A

2. 按發表編號排列

Arranged by Publication Number

30086391 - 30086395

| [11]            | [51]                                |
|-----------------|-------------------------------------|
| 發表編號            | 國際專利分類                              |
| Publication No. | International Patent Classification |
| 30086391        | A63H 33/00                          |
| 30086392        | B60W 60/00                          |
| 30086393        | A61Q 1/06, A61K 8/18                |
| 30086394        | G06K 19/07, G06K 19/077             |
| 30086395        | C12P 39/00                          |

3. 按申請編號排列

Arranged by Application Number

30086391 - 30086395

| [21]            | [11]            |
|-----------------|-----------------|
| 申請編號            | 發表編號            |
| Application No. | Publication No. |
| 32023070171.8   | 30086391        |
| 32023071276.4   | 30086392        |
| 32023072962.8   | 30086393        |
| 32023073592.2   | 30086394        |
| 32023075104.4   | 30086395        |

#### 4. 按專利所有人名稱排列

##### Arranged by Name of Proprietor

30086391 - 30086395

| [73]                                              | [51]                                      | [11]               |
|---------------------------------------------------|-------------------------------------------|--------------------|
| 專利所有人名稱                                           | 國際專利分類                                    | 發表編號               |
| Name<br>of<br>Proprietor                          | International<br>Patent<br>Classification | Publication<br>No. |
| Hong Kong<br>StarHarbour<br>Limited 香港星港有限公司      | B60W 60/00                                | 30086392           |
| LEE CHOR MAN                                      | G06K 19/07, G06K<br>19/077                | 30086394           |
| Mom's Garden GmbH<br>妈妈花园股份有限公司                   | C12P 39/00                                | 30086395           |
| Po Leung Kuk Ngan<br>Po Ling College 保<br>良局顏寶鈴書院 | A61Q 1/06, A61K 8/18                      | 30086393           |
| 甘光雄                                               | A63H 33/00                                | 30086391           |



香港特別行政區政府知識產權署專利註冊處

The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

## 根據專利條例第 20 條發表後撤回, 當作已予撤回或被拒的申請

**Applications withdrawn, deemed to have been withdrawn, or refused, after publication under section 20 of the Patents Ordinance**

| [21]<br>申請編號    | [11]<br>發表編號    | 指定專利當局發表編號                               |
|-----------------|-----------------|------------------------------------------|
| Application No. | Publication No. | Designated Patent Office Publication No. |
| 09103943.3      | 1124148         | EP1984877                                |
| 11102515.9      | 1148330         | CN101952542                              |
| 13102697.7      | 1175633         | CN102812739                              |
| 13111372.0      | 1183987         | EP2579474                                |
| 13112239.1      | 1184951         | EP2587865                                |
| 14103946.3      | 1190639         | EP2665476                                |
| 14105032.3      | 1191660         | EP2668211                                |
| 15105207.1      | 1204615         | EP2807158                                |
| 15109103.8      | 1208365         | CN104427984                              |
| 15112922.1      | 1212101         | CN104795357                              |
| 16103883.6      | 1215933         | EP2925256                                |
| 16105098.2      | 1218090         | CN105311828                              |
| 16105870.6      | 1217895         | CN105120822                              |
| 16106003.4      | 1217973         | CN105102629                              |
| 16106277.3      | 1218300         | EP2948480                                |
| 16106278.2      | 1218284         | EP2948375                                |
| 16106332.6      | 1219083         | CN105293262                              |
| 16106520.8      | 1218510         | EP2950798                                |
| 16106546.8      | 1218532         | EP2951074                                |
| 16106921.3      | 1218853         | CN105228576                              |
| 16107078.2      | 1219078         | CN105460130                              |
| 16107081.7      | 1219047         | CN105362256                              |
| 16107495.7      | 1219445         | CN105498052                              |
| 16107653.5      | 1219753         | CN105229151                              |

|            |         |             |
|------------|---------|-------------|
| 16108158.3 | 1220223 | CN105602939 |
| 16109508.8 | 1221385 | GB2534380   |
| 16109748.8 | 1221729 | CN105462328 |
| 16110373.8 | 1222110 | EP2989976   |
| 16110784.1 | 1222752 | CN105409212 |
| 16111278.2 | 1223026 | CN105853489 |
| 16111678.8 | 1223446 | CN105900124 |
| 16112087.1 | 1223830 | CN105582030 |
| 16112145.1 | 1223972 | CN105821072 |
| 16112159.4 | 1223985 | CN105624279 |
| 16112948.0 | 1224861 | CN105657525 |
| 16112990.7 | 1224704 | CN105567752 |
| 16113180.5 | 1224957 | CN105960250 |
| 16113518.8 | 1225410 | CN105603045 |
| 16113767.6 | 1225316 | EP3085377   |
| 16113991.4 | 1225850 | CN105719691 |
| 16114189.4 | 1225583 | EP3096635   |
| 16114431.0 | 1226183 | EP3100216   |
| 16114850.2 | 1226369 | EP3102423   |
| 17100083.9 | 1226344 | EP3040094   |
| 17100128.6 | 1227281 | EP3099299   |
| 17100193.6 | 1226763 | CN106103614 |
| 17100223.0 | 1226651 | CN106170287 |
| 17100338.2 | 1226661 | CN105916482 |
| 17100705.7 | 1227142 | EP3097512   |
| 17100858.2 | 1227548 | CN106207534 |
| 17100884.0 | 1227495 | CN105824062 |
| 17101199.8 | 1227355 | CN105855010 |
| 17101282.6 | 1228087 | CN105981097 |
| 17101347.9 | 1227793 | EP3068503   |
| 17101405.8 | 1228079 | CN105868988 |
| 17101546.8 | 1228048 | CN105867792 |
| 17101589.6 | 1228049 | CN105893389 |
| 17101593.0 | 1228067 | CN105868814 |
| 17101634.1 | 1228131 | CN105897663 |
| 17101677.9 | 1228133 | CN105897545 |
| 17101850.8 | 1228578 | CN106030826 |
| 17102209.4 | 1228205 | CN105939617 |
| 17102241.4 | 1228424 | CN105934443 |

|               |          |             |
|---------------|----------|-------------|
| 17102367.2    | 1228947  | CN105934511 |
| 17102575.0    | 1228776  | CN106163552 |
| 17102593.8    | 1229207  | GB2536346   |
| 17102656.2    | 1228789  | EP3096759   |
| 17102740.0    | 1229133  | CN106105304 |
| 17102768.7    | 1229112  | CN106063248 |
| 17102895.3    | 1229583  | GB2536550   |
| 17102971.0    | 1229585  | CN105991956 |
| 17102994.3    | 1229236  | EP3099323   |
| 17103233.2    | 1229577  | CN105991393 |
| 17103312.6    | 1229695  | CN106132412 |
| 17103410.7    | 1229672  | CN105982693 |
| 17103598.1    | 1229850  | CN106029868 |
| 17103853.1    | 1230049  | CN106163391 |
| 17103991.4    | 1230062  | CN106163463 |
| 17104102.8    | 1230788  | EP3139401   |
| 17104190.1    | 1230647  | EP3085787   |
| 17104286.6    | 1230746  | EP3097472   |
| 17104422.1    | 1230730  | CN106104328 |
| 17104598.9    | 1231204  | CN106104545 |
| 17104626.5    | 1230947  | CN106413756 |
| 17104737.1    | 1230963  | EP3099297   |
| 17104827.2    | 1231849  | EP3097088   |
| 17104900.2    | 1230988  | EP3100742   |
| 17105235.5    | 1231627  | CN106463177 |
| 17105291.6    | 1231651  | CN106170952 |
| 17105366.6    | 1231694  | EP3096617   |
| 17105381.7    | 1231915  | EP3097186   |
| 17105382.6    | 1231746  | EP3096789   |
| 17105404.0    | 1231714  | EP3096694   |
| 17105410.2    | 1231715  | EP3096693   |
| 17105594.0    | 1232005  | EP3100246   |
| 17105760.8    | 1232106  | EP3127476   |
| 17105852.7    | 1232145  | EP3104861   |
| 17106107.8    | 1232493  | CN106426810 |
| 17106441.3    | 1233109  | CN106416350 |
| 17106764.2    | 1233023  | CN106462898 |
| 62020022650.9 | 40033385 | CN111343978 |
| 62021024608.3 | 40035061 | CN111526874 |

|               |          |             |
|---------------|----------|-------------|
| 62021033581.1 | 40044058 | CN112153968 |
| 62021036290.6 | 40046223 | CN112367990 |
| 62021036713.7 | 40047042 | EP3775234   |



香港特別行政區政府知識產權署專利註冊處  
The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

根據專利條例第 39 條，下列標準專利因未繳續期費而停止有效。各組記項按專利停止有效日期及發表編號先後次序排列。

**Standard Patents Ceased through Non-payment of Renewal Fees under section 39 of the Patents Ordinance. Entries are arranged in blocks according to the date of ceasing and in ascending publication number order within each block.**

**21.01.2023 - 27.01.2023**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| <b>21.01.2023</b> | 1218123           | 1144595           |
|                   | 1224739           | 1149718           |
| 1068986           |                   | 1149896           |
| 1084576           | <b>24.01.2023</b> | 1160588           |
| 1087015           |                   | 1171836           |
| 1093403           | 1128883           | 1188494           |
| 1158479           | 1129820           | 1221553           |
| 1180975           | 1136288           |                   |
| 1204319           | 1162206           | <b>27.01.2023</b> |
| 1212278           | 1176365           |                   |
| 1227080           | 1178395           | 1094773           |
|                   | 1202320           | 1151370           |
| <b>22.01.2023</b> | 1205888           | 1168953           |
|                   | 1208393           | 1178840           |
| 1070875           | 1213804           | 1191250           |
| 1132812           | 1217637           | 1204444           |
| 1162579           | 1239478           | 1211383           |
| 1162889           |                   | 1224001           |
| 1163280           | <b>25.01.2023</b> | 1225911           |
| 1183023           |                   | 1240301           |
| 1202520           | 1127392           | 1241776           |
| 1203802           | 1140573           |                   |
| 1204146           | 1160566           |                   |
| 1227187           | 1161504           |                   |
|                   | 1164319           |                   |
| <b>23.01.2023</b> | 1166175           |                   |
|                   | 1167575           |                   |
| 1149284           | 1173487           |                   |
| 1149458           | 1189345           |                   |
| 1149890           | 1202514           |                   |
| 1156428           |                   |                   |
| 1172592           | <b>26.01.2023</b> |                   |
| 1192734           |                   |                   |
| 1204364           | 1083309           |                   |



香港特別行政區政府知識產權署專利註冊處  
The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

根據專利條例第 39(1) (b) 條，下列當作標準專利或標準專利 20 年期屆滿終止。各組記項按專利期滿日期及專利編號先後次序排列。

**Deemed Standard Patents or Standard Patents Expired after Termination of 20 years under section 39(1) (b) of the Patents Ordinance. Entries are arranged in blocks according to the date of expiry and in ascending patent number order within each block.**

**03.08.2023 - 07.08.2023**

**03.08.2023**

|         |         |
|---------|---------|
|         | 1063346 |
| 1072122 | 1072063 |
| 1080715 | 1078021 |

|  |         |
|--|---------|
|  | 1080329 |
|--|---------|

|                   |         |
|-------------------|---------|
| <b>04.08.2023</b> | 1082242 |
|-------------------|---------|

|  |         |
|--|---------|
|  | 1083193 |
|--|---------|

|         |         |
|---------|---------|
| 1061632 | 1104067 |
|---------|---------|

|         |         |
|---------|---------|
| 1062049 | 1110786 |
|---------|---------|

|         |  |
|---------|--|
| 1076489 |  |
|---------|--|

**05.08.2023**

1073963

1075465

1077377

1080253

1083224

1083990

1134619

1138146

1138147

**06.08.2023**

1064840

1075742

1081527

1082735

1129671

1161869

1174922

**07.08.2023**



香港特別行政區政府知識產權署專利註冊處  
The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

## 根據專利條例第 51 條，更改註冊紀錄冊的資料

### Changes in the Register under section 51 of the Patents Ordinance

更正註冊紀錄冊上的錯誤

Correction of Error in the Register

[11] 40054954

[72] Correction of the name of the 1st inventor:

From LEAKE, Dewin to LEAKE, Devin.

更正第一發明人的姓名：

由 LEAKE, Dewin 更正為 LEAKE, Devin。

[11] 40080558

[54] Correction of the title of invention:

From

"CLINICAL OUTCOME TRACKING AND ANALYSIS SYSTEMS AND METHODS  
EMPLOYING PROVISIONAL NODAL ADDRESSES RELEVANT TO TREATMENT  
AND REFINED NODAL ADDRESSES RELEVANT TO PROGNOSIS-RELATED  
EXPECTED OUTCOME AND RISK ASSESSMENT

採用與治療相關的臨時節點地址和與預後相關預期結局和風險評估相關的優化的節點  
地址的臨床結局跟踪和分析系統和方法"

to

"CLINICAL OUTCOME TRACKING AND ANALYSIS EMPLOYING  
PROVISIONAL/REFINED NODAL ADDRESSES RELEVANT TO  
TREATMENT/PROGNOSIS-RELATED OUTCOME AND RISK ASSESSMENT

採用與治療/預後相關結局和風險評估相關的臨時/優化節點地址的臨床結局跟踪和分析  
".

更正發明名稱：

由

"CLINICAL OUTCOME TRACKING AND ANALYSIS SYSTEMS AND METHODS  
EMPLOYING PROVISIONAL NODAL ADDRESSES RELEVANT TO TREATMENT  
AND REFINED NODAL ADDRESSES RELEVANT TO PROGNOSIS-RELATED  
EXPECTED OUTCOME AND RISK ASSESSMENT

採用與治療相關的臨時節點地址和與預後相關預期結局和風險評估相關的優化的節點  
地址的臨床結局跟踪和分析系統和方法"

更正為

"CLINICAL OUTCOME TRACKING AND ANALYSIS EMPLOYING  
PROVISIONAL/REFINED NODAL ADDRESSES RELEVANT TO  
TREATMENT/PROGNOSIS-RELATED OUTCOME AND RISK ASSESSMENT

採用與治療/預後相關結局和風險評估相關的臨時/優化節點地址的臨床結局跟踪和分  
析"。

[11] 40081688

[54] Correction of the English title of invention:  
From "PEST AND MITE CONTROL METHODS, AND PEST AND MITE CONTROL AEROSOLS" to "METHOD FOR CONTROLLING INSECT PESTS AND ACARINES, AND AEROSOL FOR CONTROLLING INSECT PESTS AND ACARINES".

更正英文發明名稱：

由 PEST AND MITE CONTROL METHODS, AND PEST AND MITE CONTROL AEROSOLS 更正為 METHOD FOR CONTROLLING INSECT PESTS AND ACARINES, AND AEROSOL FOR CONTROLLING INSECT PESTS AND ACARINES。

[11] 40078949

[71] Correction of the state of incorporation:  
From Massachusetts to Delaware.

更正公司成立為法團所在州分：

由 Massachusetts 更正為 Delaware。

增補漏記的發明人

Addition of Inventor

[11] 1221827

[72] FERNANDEZ, Gene  
BERSON, Alex  
GOODMAN, Brian

[11] 40009971

[72] KLAR, Juergen J . 克拉尔

[11] 40071227

[72] Nicole SEIP  
Benedikt BUERFENT

增補漏記的聲稱享有的優先權

Addition of Priority Claim

[11] 40073926

[30] 24.02.2021 CN,202110208285.8



香港特別行政區政府知識產權署專利註冊處  
The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

根據專利條例第 126 條，下列短期專利因未繳續期費而停止有效。各組記項按專利停止有效日期及發表編號先後次序排列。

**Short-term Patents Ceased through Non-payment of Renewal Fees under section 126 of the Patents Ordinance. Entries are arranged in blocks according to the date of ceasing and in ascending publication number order within each block.**

**21.01.2023 - 24.01.2023**

**21.01.2023**

1256433  
30009239  
30009240  
30010605

**24.01.2023**

1255910  
1256214



香港特別行政區政府知識產權署專利註冊處  
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根據專利條例第 126(1) (b) 條，下列短期專利 8 年期屆滿終止。各組記項按專利期滿日期及專利編號先後次序排列。

**Short-term Patents Expired after Termination of 8 years under section 126(1) (b) of the Patents Ordinance. Entries are arranged in blocks according to the date of expiry and in ascending patent number order within each block.**

**03.08.2023 - 09.08.2023**

**03.08.2023**

1203744  
1204841

**04.08.2023**

1203740  
1203746  
1203747  
1203755  
1203756  
1203757  
1203758  
1203759

**05.08.2023**

1207519  
1215916

**09.08.2023**

1205415



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## 根據專利條例第 146 條，更正專利和申請中的錯誤

### **Correction of errors in Patents and Applications under Section 146 of the Patents Ordinance**

更正請求已在 **10.08.2023** 獲准許

Request for correction allowed on **10.08.2023**

增補漏記的發明人

Addition of Inventor

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[72] Steve Jordan