

# 香港知識產權公報

Hong Kong Intellectual Property Journal

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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 Applicant

**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

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Applications withdrawn, deemed to have been withdrawn, or refused, after publication under section 20 of the Patents Ordinance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

勘誤

Corrigendum

## 以下事項沒有記錄

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

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

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(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

## 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

##### 40061425 - 40061762

|      |                                                                                                                                   |      |                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A01K 67/027<br>C07K 16/00<br>C07K 16/46<br>C12N 15/85                                                                             | [11] | 40061463<br>EP3895528 A1 |
|      |                                                                                                                                   | [13] | A                        |
| [25] | EN                                                                                                                                |      |                          |
| [21] | 42022050200.9                                                                                                                     | [22] | 17.03.2022               |
| [30] | 21.03.2014 US, 61/968,986<br>21.03.2014 US, 61/968,905                                                                            |      |                          |
| [54] | NON-HUMAN ANIMALS THAT MAKE SINGLE DOMAIN BINDING PROTEINS<br>產生單結構域結合蛋白的非人動物                                                     |      |                          |
| [71] | Regeneron Pharmaceuticals, Inc.<br>瑞澤恩製藥公司<br>777 Old Saw Mill River Road<br>Tarrytown, NY 10591-6706<br>UNITED STATES OF AMERICA |      |                          |
| [72] | MACDONALD, Lynn<br>MURPHY, Andrew J.<br>GURER, Cagan<br>MCWHIRTER, John                                                           |      |                          |
| [74] | JUN HE LAW OFFICES<br>Suite 3701-10, 37th Floor, Jardine House<br>1 Connaught Place, Central<br>HONG KONG                         |      |                          |

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|      |                                         |      |                          |
|------|-----------------------------------------|------|--------------------------|
| [51] | A01K 67/027<br>C12N 15/90<br>C07K 16/10 | [11] | 40061728<br>EP3945800 A1 |
|      |                                         | [13] | A                        |
| [25] | EN                                      |      |                          |
| [21] | 62022051410.8                           | [22] | 08.04.2022               |
| [86] | 02.04.2020 PCT/US2020/026445            |      |                          |

- [87] 08.10.2020 WO2020/206162
- [30] 03.04.2019 US, 62/828, 518  
16.08.2019 US, 62/887, 885
- [54] METHODS AND COMPOSITIONS FOR INSERTION OF ANTIBODY CODING SEQUENCES INTO A SAFE HARBOR LOCUS  
用於將抗體編碼序列插入到安全港基因座中的方法和組合物
- [71] Regeneron Pharmaceuticals, Inc.  
777 Old Saw Mill River Road, Tarrytown, NY 10591  
UNITED STATES OF AMERICA
- [72] HARTFORD, Suzanne  
WANG, Cheng  
GONG, Guochun  
KYRATSOUS, Christos  
ZAMBROWICZ, Brian  
YANCOPOULOS, George D.
- [74] CHINAHONGKONG PATENT LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG
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- [51] A01N 1/02 [11] 40061576  
F25D 17/02 EP3884221 A1  
[13] A
- 

- [51] A01N 1/02 [11] 40061646  
CN113677200 A  
[13] A
- [25] EN
- [21] 62022050777.1 [22] 29.03.2022
- [86] 12.04.2020 PCT/SE2020/050381
- [87] 15.10.2020 WO2020/209788
- [30] 12.04.2019 SE, 1930123-3  
12.04.2019 SE, 1930125-8
- [54] METHOD AND APPARATUS FOR RECONDITIONING ORGANS  
用於修復器官的方法和裝置
- [71] UGLX RESEARCH AB  
乌格勒希研究有限公司  
Björnstorp Gods  
247 98 Genarp  
SWEDEN
- [72] OLAUSSON, Michael 迈克尔·奥劳森
- [74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG
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[51] A01N 25/00 [11] 40061739  
A01N 25/30 EP3890485 A1  
[13] A

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[51] A01N 25/02 [11] 40061493  
A01N 37/02 EP3925444 A1  
[13] A

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[51] A01N 25/02 [11] 40061558  
A01N 43/90 EP3876736 A1  
[13] A

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[51] A01N 25/08 [11] 40061448  
A44C 5/00 CN113679152 A  
[13] A

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[51] A01N 25/22 [11] 40061558  
A01N 43/90 EP3876736 A1  
[13] A

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[51] A01N 25/30 [11] 40061739  
A01N 33/24 EP3890485 A1  
A01N 53/00  
A01N 25/00  
[13] A

[25] EN

[21] 62022051424.9 [22] 08.04.2022

[86] 19.06.2019 PCT/US2019/037851

[87] 11.06.2020 WO2020/117315

[30] 04.12.2018 US,US201816208976

[54] SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND  
FUNGICIDES ON LIVING PLANTS AND RELATED METHODS  
提高殺蟲劑和殺菌劑對活植物的有效性的解決方案及相關方法

[71] KOP-COAT, INC.  
3040 William Pitt Way  
Pittsburgh, PA 15238  
UNITED STATES OF AMERICA

[72] CLAWSON, JR., Ronald W.  
WARD, Hans A.  
CUTLER, Kenneth A.  
SCOTT, Cameron R.

[74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

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[51] A01N 33/24 [11] 40061739  
A01N 25/30 EP3890485 A1  
[13] A

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[51] A01N 37/02 [11] 40061493  
A01P 3/00 EP3925444 A1  
A01N 25/02  
[13] A

[25] EN

[21] 42022051150.5 [22] 04.04.2022

[30] 16.10.2018 US, 62/746,197

[54] METHODS FOR FUNGI INHIBITION ON LIVE PLANTS USING CALCIUM  
PROPIONATE  
使用丙酸鈣抑制活植物真菌的方法

[71] Niacet Corporation  
400 47th Street Niagara Falls  
New York 14304  
UNITED STATES OF AMERICA

[72] RIJNEVELDSHOEK, Peter  
BRANNEN, Kelly  
SOJKA, Stanley

[74] INCOMPASS IP LIMITED  
Unit 205, 2/F, Building 19W  
19 Science Park West Avenue, Hong Kong Science Park, Pak Shek  
Kok  
HONG KONG

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[51] A01N 43/40 [11] 40061448  
A44C 5/00 CN113679152 A  
[13] A

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[51] A01N 43/56 [11] 40061558  
A01N 43/90 EP3876736 A1  
[13] A

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[51] A01N 43/78 [11] 40061687  
A01N 43/90 EP3945822 A1



A01N 59/16  
B60N 2/90  
B64D 11/06  
D06M 13/272  
D06M 13/352  
D06M 13/355

[13] A

[25] DE

[21] 62022051279.7 [22] 07.04.2022

[86] 17.03.2020 PCT/EP2020/057240

[87] 01.10.2020 WO2020/193276

[30] 25.03.2019 DE,10 2019 204 044.6

[54] CUSHION FOR A PLANE SEAT, HAVING ANTIMICROBIAL EFFECT  
用於飛機座椅的具有抗菌作用的坐墊

[71] NEVEON Austria GmbH  
Greinerstraße 70, 4550 Kremsmünster  
AUSTRIA

[72] HESSENBERGER, Norbert

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

[51] A01N 43/90 [11] 40061558  
A01N 43/56 EP3876736 A1  
A01N 25/02  
A01N 25/22  
A01P 13/02

[13] A

[25] EN

[21] 62022048827.9 [22] 24.02.2022

[86] 17.07.2020 PCT/IB2020/056720

[87] 21.01.2021 WO2021/009716

[30] 18.07.2019 US,62/875,608

[54] STABLE FORMULATION COMPRISING HERBICIDES  
包含除草劑的穩定製劑

[71] Adama Agan Ltd.  
P.O. Box 262  
Northern Industrial Zone  
7710201 Ashdod  
ISRAEL

[72] SILBERT, Gilad  
MEIRON, Oren  
AL SOUSOU, Merna  
HEVRONI, Liron

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A01N 43/90 | [11] | 40061687     |
|      | A01N 43/78 |      | EP3945822 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A01N 53/00 | [11] | 40061739     |
|      | A01N 25/30 |      | EP3890485 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A01N 59/06 | [11] | 40061448      |
|      | A44C 5/00  |      | CN113679152 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A01N 59/16 | [11] | 40061687     |
|      | A01N 43/78 |      | EP3945822 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A01N 59/26 | [11] | 40061448      |
|      | A44C 5/00  |      | CN113679152 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A01P 1/00 | [11] | 40061448      |
|      | A44C 5/00 |      | CN113679152 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A01P 13/02 | [11] | 40061558     |
|      | A01N 43/90 |      | EP3876736 A1 |
|      |            | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A01P 3/00 | [11] | 40061448      |
|      | A44C 5/00 |      | CN113679152 A |
|      |           | [13] | A             |

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[51] A01P 3/00 [11] 40061493  
A01N 37/02 EP3925444 A1  
[13] A

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[51] A23B 4/26 [11] 40061576  
F25D 17/02 EP3884221 A1  
[13] A

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[51] A23B 7/00 [11] 40061758  
B65D 85/50 EP3898450 A1  
[13] A

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[51] A23C 3/027 [11] 40061562  
A23L 3/358 CN114007431 A  
A23L 2/46  
A23L 3/00  
A23L 3/02  
C02F 1/44  
A23L 3/04  
C02F 1/50  
C02F 9/00  
C12H 1/00  
C02F 1/00  
C02F 1/76  
C02F 5/14  
C02F 103/02  
[13] A

[25] DE

[21] 62022048837.8 [22] 24.02.2022

[86] 18.06.2020 PCT/EP2020/066998

[87] 24.12.2020 WO2020/254511

[30] 18.06.2019 EP,19180981.3

[54] METHOD FOR OPERATING A PASTEURIZATION APPARATUS  
用於運行巴氏殺菌設備的方法

[71] RED BULL GMBH  
红牛有限责任公司  
AM BRUNNEN 1, 5330 FUSCHL AM SEE  
AUSTRIA

[72] CONCIN, ROLAND R·孔钦  
RINDERER, CHRISTIAN C·林德雷尔  
HANS, KLEMENS K·汉斯  
EDER, HARALD H·埃德  
THONHAUSER, PHILIP P·汤豪瑟  
HERZOG, DANIEL D·赫尔佐格

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] A23C 3/027 [11] 40061685  
A23L 3/00 CN114206130 A  
[13] A

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[51] A23C 9/123 [11] 40061760  
A23C 9/13 CN113905614 A  
C12N 1/20  
[13] A

[25] JA

[21] 62022051454.6 [22] 11.04.2022

[86] 03.02.2020 PCT/JP2020/003848

[87] 27.08.2020 WO2020/170776

[30] 19.02.2019 JP,2019-027288

[54] METHOD FOR PRODUCING CULTURE OF LACTIC ACID BACTERIUM AND/OR  
BACTERIUM BELONGING TO GENUS BIFIDOBACTERIUM  
乳酸菌和/或雙歧桿菌屬細菌培養物的製造方法

[71] KABUSHIKI KAISHA YAKULT HONSHA  
株式会社益力多本社  
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JAPAN  
日本  
東京都

[72] SAITO Junki 齊藤洵己  
HOSHI Ryotaro 星亮太郎

[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] A23C 9/13 [11] 40061760  
A23C 9/123 CN113905614 A  
[13] A

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[51] A23C 9/152 [11] 40061516  
A23L 33/12 EP3892101 A2  
A61P 1/00  
[13] A

- [25] EN
- [21] 42022051234.7 [22] 06.04.2022
- [30] 29.12.2010 US,201061428168 P  
29.12.2010 US,201061428173 P  
29.12.2010 US,201061428176 P  
29.12.2010 US,201061428177 P  
29.12.2010 US,201061428185 P
- [54] METHODS FOR IMPROVING TOLERANCE, DIGESTION, AND LIPID SOLUBLE  
NUTRIENT ABSORPTION IN AN INFANT, TODDLER, OR CHILD  
用於改善嬰兒、幼兒或孩童中的耐受性、消化和脂溶性營養素吸收的方法
- [71] ABBOTT LABORATORIES  
Department 377 - AP6A-1, 100 Abbott Park Road  
Abbott Park, North Chicago, IL 60064  
UNITED STATES OF AMERICA
- [72] LAI, Chron-Si  
GARLEB, Keith A.  
LASEKAN, John B.  
DAVIS, Steven R.  
CORDEL, Christopher T.  
MERRITT, Russell J
- [74] WILKINSON & GRIST  
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- 

- [51] A23C 9/18 [11] 40061595  
A23P 10/28 CN113543646 A  
[13] A
- [25] JA
- [21] 62022049607.4 [22] 09.03.2022
- [86] 03.09.2020 PCT/JP2020/033500
- [87] 15.07.2021 WO2021/140700
- [30] 06.01.2020 JP,2020-000569
- [54] SOLID FOOD, FOOD POWDER COMPRESSION-MOLDED ARTICLE, SOLID  
MILK, AND POWDERED MILK COMPRESSION-MOLDED ARTICLE  
固體食品、食品粉末壓縮成型物、固體奶和奶粉壓縮成型物
- [71] Meiji Co., Ltd.  
株式會社明治  
2-1, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8306  
JAPAN  
日本
- [72] HANYU Keigo 羽生圭吾  
KAMIYA Tetsu 神谷哲  
YAMAMURA Koji 山村幸司  
OGIWARA Jin 荻原甚
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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A23F 3/00 | [11] | 40061647     |
|      | A23L 2/66 |      | EP3883391 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A23G 9/08  | [11] | 40061472     |
|      | A23G 9/10  |      | EP3915390 A1 |
|      | A23G 9/12  |      |              |
|      | A23G 9/22  |      |              |
|      | A23G 9/28  |      |              |
|      | A23G 9/52  |      |              |
|      | B65D 17/30 |      |              |
|      | B65D 17/28 |      |              |
|      | B65D 47/26 |      |              |
|      | B65D 85/80 |      |              |
|      | B65D 85/78 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 42022050683.6 [22] 28.03.2022

[30] 17.08.2018 US,201816104758  
09.11.2018 US,201862758110P  
05.02.2019 US,201962801587P  
09.04.2019 US,201962831657P  
09.04.2019 US,201962831600P  
09.04.2019 US,201962831646P  
09.04.2019 US,201962831666P  
01.07.2019 US,201916459322

[54] RAPIDLY COOLING FOOD AND DRINKS  
快速冷卻食品和飲料

[71] ColdSnap, Corp.  
6 Enterprise Road  
Billerica, MA 01821  
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[72] FONTE, Matthew  
DEVANEY, Robert  
HEYMANS, John  
MCGINTY, Ian  
FONTE, Nicholas

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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HONG KONG

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[51] A23G 9/10 [11] 40061472  
A23G 9/08 EP3915390 A1  
[13] A

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[51] A23G 9/12 [11] 40061472  
A23G 9/08 EP3915390 A1  
[13] A

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[51] A23G 9/12 [11] 40061502  
A23G 9/22 EP3967149 A1  
A23G 9/28  
A23G 9/52  
B65D 85/804  
[13] A

[25] EN

[21] 42022051188.5 [22] 06.04.2022

[30] 15.01.2020 US,202062961495P

[54] RAPIDLY COOLING FOOD AND DRINKS  
快速冷卻食品和飲料

[71] ColdSnap, Corp.  
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[72] FONTE, Matthew  
HEYMANS, John  
FONTE, Nicholas  
DEVANEY, Robert  
MCGINTY, Ian  
WEAVER, Vincent  
FICHERA, Benjamin

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[51] A23G 9/12 [11] 40061505  
A23G 9/22 EP3967150 A1  
A23G 9/28  
A23G 9/52  
B65D 85/804  
[13] A

[25] EN

[21] 42022051200.8 [22] 06.04.2022

[30] 15.01.2020 US,202062961495P

- [54] RAPIDLY COOLING FOOD AND DRINKS  
快速冷卻食品和飲料
- [71] ColdSnap, Corp.  
6 Enterprise Road  
Billerica, MA 01821  
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- [72] Fonte, Matthew  
Heymans, John  
Fonte, Nicholas  
Devaney, Robert  
McGinty, Ian  
Weaver, Vincent  
Fichera, Benjamin
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Wanchai  
HONG KONG
- 

- |      |           |      |              |
|------|-----------|------|--------------|
| [51] | A23G 9/22 | [11] | 40061472     |
|      | A23G 9/08 |      | EP3915390 A1 |
|      |           | [13] | A            |
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| [51] | A23G 9/22 | [11] | 40061502     |
|      | A23G 9/12 |      | EP3967149 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | A23G 9/22 | [11] | 40061505     |
|      | A23G 9/12 |      | EP3967150 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | A23G 9/28 | [11] | 40061472     |
|      | A23G 9/08 |      | EP3915390 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | A23G 9/28 | [11] | 40061502     |
|      | A23G 9/12 |      | EP3967149 A1 |
|      |           | [13] | A            |
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|------|-----------|------|--------------|
| [51] | A23G 9/28 | [11] | 40061505     |
|      | A23G 9/12 |      | EP3967150 A1 |
|      |           | [13] | A            |



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| [51] | A23G 9/52 | [11] | 40061472     |
|      | A23G 9/08 |      | EP3915390 A1 |
|      |           | [13] | A            |

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|------|-----------|------|--------------|
| [51] | A23G 9/52 | [11] | 40061502     |
|      | A23G 9/12 |      | EP3967149 A1 |
|      |           | [13] | A            |

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|------|-----------|------|--------------|
| [51] | A23G 9/52 | [11] | 40061505     |
|      | A23G 9/12 |      | EP3967150 A1 |
|      |           | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A23J 3/20   | [11] | 40061619     |
|      | A23J 3/22   |      | EP3876746 A2 |
|      | C07D 207/34 |      |              |
|      | C07D 487/22 |      |              |
|      | C07K 14/795 |      |              |
|      | C12N 1/12   |      |              |
|      | C12N 15/113 |      |              |
|      | A23L 27/26  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62022049658.7 [22] 09.03.2022

[86] 07.11.2019 PCT/US2019/060326

[87] 14.05.2020 WO2020/097370

[30] 08.11.2018 US,62/757,534

20.05.2019 US,62/850,227

24.06.2019 US,62/865,800

[54] METHODS FOR OVERPRODUCING PROTOPORPHYRIN IX IN ALGAE AND COMPOSITIONS THEREFROM

藻類中過量產生原卟啉 IX 的方法及由此產生的組合物

[71] TRITON ALGAE INNOVATIONS, INC.  
11558 SORRENTO VALLEY ROAD, SUITE 3  
SAN DIEGO, CALIFORNIA 92121  
UNITED STATES OF AMERICA

[72] MILLER TRAN  
JOHN DEATON  
BROCK ADAMS  
MICHAEL MAYFIELD  
AMANDA LONGO  
OSCAR GONZALEZ  
JON HANSEN

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[74] FEDERATION OF HONG KONG INDUSTRIES  
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[51] A23J 3/20 [11] 40061620  
C12N 15/11 EP3876745 A2  
C07D 201/00  
C07D 207/34  
A23J 3/22  
C07D 487/22  
C07K 14/795  
C12N 1/12  
C12N 15/113  
A23L 27/26

[13] A

[25] EN

[21] 62022049659.5 [22] 09.03.2022

[86] 07.11.2019 PCT/US2019/060315

[87] 14.05.2020 WO2020/097363

[30] 08.11.2018 US, 62/757,534

20.05.2019 US, 62/850,227

24.06.2019 US, 62/865,800

[54] COMPOSITIONS AND METHODS FOR INCORPORATING HEME FROM ALGAE IN  
EDIBLE PRODUCTS

將藻類血紅素摻入到可食用產品中的組合物和方法

[71] TRITON ALGAE INNOVATIONS, INC.  
11558 SORRENTO VALLEY ROAD, SUITE 3  
SAN DIEGO, CALIFORNIA 92121  
UNITED STATES OF AMERICA

[72] MILLER TRAN  
JOHN DEATON  
BROCK ADAMS  
MICHAEL MAYFIELD  
AMANDA LONGO  
OSCAR GONZALEZ  
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XUN WANG  
DAVID SCHROEDER

[74] FEDERATION OF HONG KONG INDUSTRIES  
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[51] A23J 3/22 [11] 40061619  
A23J 3/20 EP3876746 A2  
[13] A

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[51] A23J 3/22 [11] 40061620  
A23J 3/20 EP3876745 A2  
[13] A

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[51] A23L 1/30 [11] 40061746  
C12N 9/88 EP3891267 A1  
C12N 1/20  
C12N 15/09  
C12N 1/38  
C12P 7/22  
C12N 9/16  
[13] A

[25] EN

[21] 62022051434.8 [22] 09.04.2022

[86] 04.11.2019 PCT/US2019/059724

[87] 14.05.2020 WO2020/096992

[30] 05.11.2018 US,US201862755880P

02.10.2019 US,US201962909736P

[54] MICROBIAL COMPOSITIONS COMPRISING ELLAGITANNIN AND METHODS OF  
USE

包含鞣花單寧的微生物組合物及使用方法

[71] MarvelBiome, Inc.  
8 Cabot Road, Suite 3500  
Woburn, MA Massachusetts 01801  
UNITED STATES OF AMERICA

[72] JAYAMANI, Elamparithi  
GOVINDAN, Jothi Amaranath  
CHATTER, Priti H.

[74] LAU, HORTON & WISE LLP  
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HONG KONG

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[51] A23L 2/46 [11] 40061562  
A23C 3/027 CN114007431 A  
[13] A

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[51] A23L 2/46 [11] 40061685  
A23L 3/00 CN114206130 A

[13] A

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|------|------------|------|--------------|
| [51] | A23L 2/66  | [11] | 40061647     |
|      | A23L 2/84  |      | EP3883391 A1 |
|      | A23L 33/18 |      |              |
|      | A23F 3/00  |      |              |

[13] A

|      |                                                                                                                        |      |            |
|------|------------------------------------------------------------------------------------------------------------------------|------|------------|
| [25] | EN                                                                                                                     |      |            |
| [21] | 62022050778.9                                                                                                          | [22] | 29.03.2022 |
| [86] | 06.11.2019 PCT/EP2019/080320                                                                                           |      |            |
| [87] | 28.05.2020 WO2020/104192                                                                                               |      |            |
| [30] | 19.11.2018 US,62/769,364                                                                                               |      |            |
| [54] | BEVERAGES HAVING CLEAR APPEARANCE, SHELF STABILITY, HIGH PROTEIN, AND NEUTRAL PH<br>具有澄清外觀、貨架穩定性、高蛋白質和中性 PH 的飲料        |      |            |
| [71] | SOCIÉTÉ DES PRODUITS NESTLÉ S.A.<br>AVENUE NESTLÉ 55, 1800 VEVEY<br>SWITZERLAND                                        |      |            |
| [72] | SEYHUN GEMILI                                                                                                          |      |            |
| [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] | A23L 2/84 | [11] | 40061647     |
|      | A23L 2/66 |      | EP3883391 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A23L 27/10 | [11] | 40061548      |
|      | C11B 9/00  |      | CN113677783 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A23L 27/26 | [11] | 40061619     |
|      | A23J 3/20  |      | EP3876746 A2 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A23L 27/26 | [11] | 40061620     |
|      | A23J 3/20  |      | EP3876745 A2 |
|      |            | [13] | A            |

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[51] A23L 29/00 [11] 40061548  
C11B 9/00 CN113677783 A  
[13] A

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[51] A23L 29/00 [11] 40061602  
C07D 471/04 CN113574057 A  
[13] A

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[51] A23L 3/00 [11] 40061562  
A23C 3/027 CN114007431 A  
[13] A

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[51] A23L 3/00 [11] 40061685  
A23L 2/46 CN114206130 A  
C02F 1/00  
C02F 1/02  
C02F 1/44  
C02F 5/08  
C02F 1/76  
C02F 1/66  
C02F 103/32  
C12H 1/08  
A23L 3/02  
C02F 1/50  
C12H 1/00  
A23L 3/04  
C02F 9/00  
A23C 3/027  
[13] A

[25] DE

[21] 62022051277.1 [22] 07.04.2022

[86] 18.06.2020 PCT/EP2020/066997

[87] 24.12.2020 WO2020/254510

[30] 18.06.2019 EP,19180979.7

[54] METHODS FOR OPERATING A PASTEURIZING DEVICE  
用於運行巴氏滅菌裝置的方法

[71] RED BULL GMBH  
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AM BRUNNEN 1, 5330 FUSCHL AM SEE  
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[72] CONCIN, ROLAND C·罗兰  
RINDERER, CHRISTIAN C·林德雷尔  
HANS, KLEMENS K·汉斯  
EDER, HARALD H·埃德

THONHAUSER, PHILIP P·汤豪瑟

HERZOG, DANIEL D·赫尔佐格

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A23L 3/02  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A23L 3/02 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A23L 3/04  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A23L 3/04 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A23L 3/358 | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A23L 3/36  | [11] | 40061576     |
|      | F25D 17/02 |      | EP3884221 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A23L 33/10  | [11] | 40061602      |
|      | C07D 471/04 |      | CN113574057 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A23L 33/12 | [11] | 40061516     |
|      | A23C 9/152 |      | EP3892101 A2 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A23L 33/18 | [11] | 40061647     |
|      | A23L 2/66  |      | EP3883391 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A23L 33/185 | [11] | 40061519      |
|      | C07K 14/415 |      | CN113512102 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | A23P 10/28 | [11] | 40061595      |
|      | A23C 9/18  |      | CN113543646 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A24B 15/16  | [11] | 40061470     |
|      | A61K 31/465 |      | EP3909581 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A24F 40/20 | [11] | 40061439     |
|      | A24F 40/46 |      | EP3881693 A2 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A24F 40/40 | [11] | 40061439     |
|      | A24F 40/46 |      | EP3881693 A2 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A24F 40/42 | [11] | 40061439     |
|      | A24F 40/46 |      | EP3881693 A2 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A24F 40/46 | [11] | 40061439     |
|      | A24F 40/42 |      | EP3881693 A2 |
|      | A24F 40/40 |      |              |
|      | A24F 40/20 |      |              |
|      |            | [13] | A            |

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[25] EN

[21] 42022049614.5 [22] 09.03.2022

[30] 09.08.2011 US,201113205841

[54] SMOKING ARTICLES AND USE THEREOF FOR YIELDING INHALATION MATERIALS

吸煙製品及其用於產生吸入材料的用途

[71] RAI Strategic Holdings, Inc.  
401 North Main Street  
Winston-Salem, NC 27101  
UNITED STATES OF AMERICA

[72] Steven L WORM  
David Glen CHRISTOPHERSON  
Stephen Benson Sears  
Dennis Lee POTTER  
Frederic Philippe AMPOLINI  
Balager ADEME

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A41C 3/00 | [11] | 40061507      |
|      | A41C 3/12 |      | CN114073343 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A41C 3/12 | [11] | 40061507      |
|      | A41C 3/00 |      | CN114073343 A |
|      |           | [13] | A             |

[25] ZH

[21] 42022051205.7 [22] 06.04.2022

[54] A 3D HEART POSITION STEREOSCOPIC BRACKET AND UNDERCLOTHES  
一種 3D 心位立體支架及內衣

[71] Embry (China) Garments Ltd.  
安莉芳(中國)服裝有限公司  
14th Floor West, 17th and 18th Floors, Block B, CMEC Plaza  
No. 1028 Buji Road, Dongxiao Street  
Luohu District, Shenzhen  
CHINA

[72] CHENG Pik Ho Liza 鄭碧浩

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A41D 1/00  | [11] | 40061582     |
|      | A44B 13/00 |      | EP3952690 A1 |
|      |            | [13] | A            |

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[51] A41F 1/00 [11] 40061582  
A44B 13/00 EP3952690 A1  
[13] A

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[51] A41H 1/02 [11] 40061586  
A44C 5/24 EP3886642 A1  
[13] A

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[51] A43B 1/00 [11] 40061462  
A43B 23/02 CN113475816 A  
[13] A

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[51] A43B 1/04 [11] 40061462  
A43B 23/02 CN113475816 A  
[13] A

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[51] A43B 1/10 [11] 40061668  
A43D 8/02 CN114206151 A  
A43D 8/00  
[13] A

[25] JA

[21] 62022051142.7 [22] 04.04.2022

[86] 30.07.2020 PCT/JP2020/029222

[87] 11.02.2021 WO2021/024901

[30] 06.08.2019 JP,2019-144589

[54] FOOTWEAR AND METHOD FOR MANUFACTURE THEREOF  
鞋類及其製造方法

[71] I.R.A. CORPORATION  
日商 IRA 股份有限公司  
1-12-3, Kiyokawa, Taito-ku  
Tokyo 1110022  
JAPAN

[72] TAKEGAHARA Toshinosuke 竹原敏之介

[74] HK INTELIGHT INT'L IP LAW LIMITED  
Unit C, 9/F Winning House  
No.72-76 Wing Lok Street, Sheung Wan  
HONG KONG

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[51] A43B 23/02 [11] 40061462  
A43C 1/04 CN113475816 A

A43B 1/04  
A43B 1/00  
A43B 23/04  
D04B 1/12

[13] A

[25] ZH

[21] 42022050195.1 [22] 17.03.2022

[30] 04.03.2013 US,13/783,782

[54] ARTICLE OF FOOTWEAR INCORPORATING A KNITTED COMPONENT WITH  
TENSILE STRAND  
包含具有抗拉繩的編織部件的鞋類物品

[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 A. Podhajny 丹尼尔·A·波德哈尼  
Chung-Ming Chang 常忠明  
Ya-Fang Chen 陈亚芳  
Pei-Ju Su 苏佩如

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

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[51] A43B 23/04 [11] 40061462  
A43B 23/02 CN113475816 A  
[13] A

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[51] A43B 7/36 [11] 40061425  
EP3914120 A1  
[13] A

[25] EN

[21] 42022047107.2 [22] 26.01.2022

[86] 23.01.2020 PCT/CN2020/074005

[87] 30.07.2020 WO2020151766

[30] 25.01.2019 HK,19101382.3  
28.01.2019 HK,19101468.0

[54] FOOTWEAR ARTICLE  
鞋類製品

[71] Fu, David  
Room 2911, 29/F., Tower 2  
The Gateway, 25 Canton Road  
Tsim Sha Tsui, Kowloon  
HONG KONG

[72] Fu, David

[74] LETTERS & THOO LIMITED

Suite 1008, Prosperity Millennia Plaza

663 King's Road, Quarry Bay

HONG KONG

[51] A43C 1/04  
A43B 23/02

[11] 40061462  
CN113475816 A

[13] A

[51] A43D 8/00  
A43B 1/10

[11] 40061668  
CN114206151 A

[13] A

[51] A43D 8/02  
A43B 1/10

[11] 40061668  
CN114206151 A

[13] A

[51] A44B 13/00  
A44B 17/00  
A41F 1/00  
A41D 1/00  
H05K 1/03  
H01R 12/77

[11] 40061582  
EP3952690 A1

[13] A

[25] EN

[21] 62022049562.1

[22] 08.03.2022

[86] 06.04.2020 PCT/SG2020/050211

[87] 15.10.2020 WO2020/209794

[30] 12.04.2019 GB,1905188.7

[54] CONDUCTIVE GARMENT FASTENING PRODUCT

導電服裝緊固產品

[71] Prym Intimates Group Ltd.

B03, 3/F, Block B, Chung Mei Centre

15B Hing Yip Street

Kwun Tong, Kowloon

HONG KONG

[72] KAVISEKARA, Heenatikumbure Kavisekara M.A.P.

JAYASURIYA, Jayasuriya Arachchige P.D.

SAJEEWA, Hapuarachchige Don R.

KUMARA, Hettige Don Dinesh

[74] MARKS & CLERK

Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A44B 17/00 | [11] | 40061582     |
|      | A44B 13/00 |      | EP3952690 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A44C 5/00   | [11] | 40061448      |
|      | A61K 8/68   |      | CN113679152 A |
|      | A61K 8/73   |      |               |
|      | A61K 8/64   |      |               |
|      | A61K 8/9794 |      |               |
|      | A61Q 19/00  |      |               |
|      | A01N 43/40  |      |               |
|      | A01N 59/26  |      |               |
|      | A01N 59/06  |      |               |
|      | A01N 25/08  |      |               |
|      | A01P 1/00   |      |               |
|      | A01P 3/00   |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42022050121.7 [22] 16.03.2022

[30] 08.12.2015 EP,15198534.8

[54] BRACELET OR STRAP  
手鐲或帶

[71] OMEGA SA  
JAKOB-STÄMPFLI-STRASSE 96, 2502 BIEL/BIENNE  
SWITZERLAND

[72] NICOLAS FRANÇOIS

[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] | A44C 5/02 | [11] | 40061586     |
|      | A44C 5/24 |      | EP3886642 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A44C 5/24  | [11] | 40061586     |
|      | G04B 37/14 |      | EP3886642 A1 |
|      | A41H 1/02  |      |              |
|      | A44C 5/02  |      |              |
|      |            | [13] | A            |

[25] FR

[21] 62022049588.6 [22] 09.03.2022  
[86] 25.11.2019 PCT/EP2019/082453  
[87] 04.06.2020 WO2020/109245  
[30] 26.11.2018 EP,18208366  
[54] METHOD FOR CONFIGURING A WRISTWATCH STRAP  
用於配置手錶錶帶的方法  
[71] ROLEX SA  
勞力士有限公司  
3-5-7 rue François Dussaud  
1211 Genève 26  
SWITZERLAND  
[72] GROZEL, Clément 克莱芒特·格罗泽尔  
HAEGY, Franck 弗兰克·埃吉  
JAFFRÉ, Julien 朱利安·雅弗雷  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] A47C 19/04 [11] 40061704  
A47C 21/04 EP3893697 A1  
A47D 7/03  
[13] A  
[25] EN  
[21] 62022051301.9 [22] 07.04.2022  
[86] 13.12.2019 PCT/GB2019/053553  
[87] 18.06.2020 WO2020/120993  
[30] 13.12.2018 GB,1820367.9  
[54] AUTOMATED BED OR BABY COT  
自動床或嬰兒床  
[71] Insight and Inreach (ISNIR) Pty Ltd  
Insight and InReach (ISnIR) Pty Ltd  
3 Vista Grove  
Victoria, VIC 3084  
AUSTRALIA  
[72] Chris OLUFESO  
[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] A47C 21/04 [11] 40061704  
A47C 19/04 EP3893697 A1  
[13] A

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|------|------------|------|--------------|
| [51] | A47D 7/03  | [11] | 40061704     |
|      | A47C 19/04 |      | EP3893697 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A47G 25/40 | [11] | 40061664      |
|      | E05D 7/06  |      | CN114026306 A |
|      |            | [13] | A             |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | A47J 27/00 | [11] | 40061467    |
|      | A47J 36/24 |      | GB2593468 A |
|      |            | [13] | A           |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | A47J 27/14 | [11] | 40061467    |
|      | A47J 36/24 |      | GB2593468 A |
|      |            | [13] | A           |

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|------|------------|------|-------------|
| [51] | A47J 36/24 | [11] | 40061467    |
|      | A47J 27/00 |      | GB2593468 A |
|      | A47J 27/14 |      |             |
|      | H05B 1/02  |      |             |
|      |            | [13] | A           |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42022050657.0 | [22] | 25.03.2022 |
|------|---------------|------|------------|

[54] AN APPARATUS FOR HEATING A POT OF FOOD OR BEVERAGE  
一種用於加熱一罐食物或飲料的設備

[71] EQUIP LINE LIMITED  
Ashley House, Ashley Road  
Uxbridge, Middlesex UB8 2GA  
UNITED KINGDOM

[72] JACKI WALKER  
JASON KREBS  
ROBERT MORGAN  
HARVEY TUCK

[74] IVAN WONG IP LIMITED  
Unit 1102, 11/F.  
88 Gloucester Road, Wanchai  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61B 1/00  | [11] | 40061759      |
|      | A61B 1/018 |      | CN113645891 A |

A61B 1/05

A61B 1/06

[13] A

[25] EN

[21] 62022051453.8 [22] 11.04.2022

[86] 05.03.2020 PCT/US2020/021133

[87] 08.10.2020 WO2020/205151

[30] 29.03.2019 US, 62/825,962

[54] ENDOSCOPIC DEVICES AND RELATED METHODS

內窺鏡裝置以及相關方法

[71] COOPERSURGICAL, INC.

酷博尔外科器械有限公司

95 Corporate Drive, Trumbull, Connecticut 06611

UNITED STATES OF AMERICA

美國

康涅狄格州

[72] HERRIGES, Catherine M. 卡特琳·M·赫里吉斯

WU, Xiao 吴筱

FARRINGTON, Richard I. 理查德·I·法林顿

[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

[51] A61B 1/018

A61B 1/00

[11] 40061759

CN113645891 A

[13] A

[51] A61B 1/05

A61B 1/00

[11] 40061759

CN113645891 A

[13] A

[51] A61B 1/06

A61B 1/00

[11] 40061759

CN113645891 A

[13] A

[51] A61B 17/00

A61B 17/16

[11] 40061446

EP3881780 A1

[13] A

[51] A61B 17/16 [11] 40061446  
A61B 17/3205 EP3881780 A1  
B25B 23/14  
A61B 17/00  
A61B 17/32  
A61B 17/34  
A61B 90/00  
[13] A  
[25] EN  
[21] 42022050117.5 [22] 16.03.2022  
[30] 07.09.2016 US,201662384435 P  
[54] TREPHINE FOR PERCUTANEOUS LATERAL RECESS RESECTION.  
用於經皮側隱窩切除術的環鑽  
[71] VERTOS MEDICAL, INC.  
95 Enterprise Suite 325, Aliso Viejo, California 92656  
UNITED STATES OF AMERICA  
[72] TRAN, Minh  
WOODGRIFT, Randel  
CORBETT, James  
THOMPSON, Phillip  
LALOR, David P. Jr.  
[74] CHINAHONGKONG PATENT LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
HONG KONG

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[51] A61B 17/22 [11] 40061579  
A61B 8/00 EP3886737 A1  
A61B 17/225  
A61B 90/00  
A61N 7/00  
[13] A  
[25] EN  
[21] 62022049529.0 [22] 08.03.2022  
[86] 27.11.2019 PCT/US2019/063728  
[87] 04.06.2020 WO2020/113083  
[30] 28.11.2018 US,62/772,473  
[54] HISTOTRIPSY SYSTEMS AND METHODS  
組織摧毀術系統及方法  
[71] HISTOSONICS, INC.  
16305 36TH AVENUE NORTH, SUITE 300  
PLYMOUTH, MN 55446  
UNITED STATES OF AMERICA  
[72] CANNATA, JONATHAN, M.  
MILLER, RYAN  
DURYEY, ALEXANDER, P.  
TEOFILOVIC, DEJAN  
MLADENOVIC, ZELJKO



RAKIC, ALEKSANDRA  
STOPEK, JOSHUA

[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] | A61B 17/225 | [11] | 40061579     |
|      | A61B 17/22  |      | EP3886737 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61B 17/32 | [11] | 40061446     |
|      | A61B 17/16 |      | EP3881780 A1 |
|      |            | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61B 17/3205 | [11] | 40061446     |
|      | A61B 17/16   |      | EP3881780 A1 |
|      |              | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61B 17/34 | [11] | 40061446     |
|      | A61B 17/16 |      | EP3881780 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61B 17/42 | [11] | 40061587      |
|      | A61M 5/142 |      | CN113825534 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61B 3/10 | [11] | 40061575      |
|      |           |      | CN113382672 A |
|      |           | [13] | A             |

[25] JA

[21] 62022048964.0 [22] 28.02.2022

[86] 14.02.2020 PCT/JP2020/005697

[87] 20.08.2020 WO2020/166684

[30] 15.02.2019 JP,2019-025957

[54] METHOD FOR INSPECTING OPHTHALMIC DEVICE, INSPECTION JIG FOR  
OPHTHALMIC DEVICE, AND OPHTHALMIC DEVICE  
眼科裝置的檢測方法、眼科裝置的檢測用夾具、及眼科裝置

[71] KOWA COMPANY, LTD.  
興和株式會社

6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 4608625

JAPAN

日本

爱知县

[72] TAKEUCHI Nobuhiko 竹内信彦

[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] A61B 5/00 [11] 40061464  
A61K 49/00 CN113521314 A  
[13] A

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[51] A61B 5/00 [11] 40061572  
A61B 5/024 CN113347916 A  
A61B 5/11  
A61B 6/00  
A61B 6/03  
[13] A

[25] EN

[21] 62022048959.0 [22] 28.02.2022

[86] 14.10.2020 PCT/US2020/055604

[87] 22.04.2021 WO2021/076642

[30] 15.10.2019 US, 62/915,269

17.07.2020 US, 63/053,265

[54] SYSTEMS AND METHODS FOR MULTIVARIATE STROKE DETECTION

用於多變量卒中檢測的系統和方法

[71] Imperative Care, Inc.

因普瑞緹夫護理公司

1359 Dell Avenue, Campbell, California 95008

UNITED STATES OF AMERICA

[72] STRASSER, Michael 迈克尔·斯特拉瑟

HOSSAINY, Syed 赛义德·哈塞尼

PARK, Sangshik 朴桑植

CARROLL, Kirsten 克尔斯滕·卡罗尔

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED

Unit 503, 5/F., Tower 2, Lippo Centre

89 Queensway, Admiralty

HONG KONG

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[51] A61B 5/00 [11] 40061675  
A61B 5/103 EP3902467 A1  
[13] A

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- [51] A61B 5/00 [11] 40061676  
EP3902457 A1  
[13] A
- [25] EN
- [21] 62022051154.2 [22] 04.04.2022
- [86] 24.12.2019 PCT/US2019/068485
- [87] 02.07.2020 WO2020/139890
- [30] 27.12.2018 US, 62/785,452
- [54] DEVICE AND METHOD FOR SELECTIVE APPLICATION OF TOPICAL  
COMPOSITION USING DYNAMIC THRESHOLD VALUES  
使用動態閾值選擇性地施用局部用組合物的裝置和方法
- [71] Johnson & Johnson Consumer Inc.  
199 Grandview Road  
Skillman, NJ 08558  
UNITED STATES OF AMERICA
- [72] Albert Durr EDGAR
- [74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG
- 
- [51] A61B 5/02 [11] 40061544  
A61B 5/021 EP3866678 A1  
A61B 5/026  
A61B 5/0295  
A61B 5/1455  
G01N 21/01  
G01N 21/31  
G01N 21/49  
[13] A
- [25] EN
- [21] 62022048802.2 [22] 24.02.2022
- [86] 18.10.2019 PCT/US2019/056869
- [87] 23.04.2020 WO2020/081896
- [30] 19.10.2018 US, 201862747728P
- [54] FLEXIBLE OPTICAL IMAGING BANDS FOR THE DIAGNOSIS OF SYSTEMIC  
LUPUS ERYTHEMATOSUS IN FINGER JOINTS  
用於診斷手指關節中系統性紅斑狼瘡的柔性光學成像帶
- [71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK  
412 Low Memorial Library 535 West 116th Street Mail Code 4308  
New York, NY 10027  
UNITED STATES OF AMERICA
- [72] HIELSCHER, Andreas H.  
MARONE, Alessandro  
KYMISSIS, Ioannis

KIM, Youngwan  
ASKANASE, Anca D.

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

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|------|------------|------|--------------|
| [51] | A61B 5/021 | [11] | 40061544     |
|      | A61B 5/02  |      | EP3866678 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61B 5/024 | [11] | 40061572      |
|      | A61B 5/00  |      | CN113347916 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61B 5/026 | [11] | 40061544     |
|      | A61B 5/02  |      | EP3866678 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61B 5/0275 | [11] | 40061464      |
|      | A61K 49/00  |      | CN113521314 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61B 5/0295 | [11] | 40061544     |
|      | A61B 5/02   |      | EP3866678 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61B 5/05  | [11] | 40061634     |
|      | A61B 5/103 |      | EP3886696 A1 |
|      | A61B 5/117 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022049858.3 [22] 11.03.2022

[86] 21.11.2019 PCT/US2019/062561

[87] 04.06.2020 WO2020/112478

[30] 29.11.2018 US,US201862773028P

21.12.2018 US,US201862783733P

[54] METHODS FOR DETERMINING DISEASE RISK COMBINING DOWNSAMPLING  
OF CLASS-IMBALANCED SETS WITH SURVIVAL ANALYSIS

結合類別不平衡集降採樣與生存分析的疾病風險確定方法

[71] SomaLogic Operating Co., Inc.  
2945 Wilderness Place  
Boulder, CO 80301  
UNITED STATES OF AMERICA

[72] HAGAR, Yolanda  
DATTA, Gargi  
ALEXANDER, Leigh  
HINTERBERG, Michael

[74] HONGKONG TRUER IP LIMITED  
Rooms 1318-20, 13/F, Hollywood Plaza  
610 Nathan Road, Mongkok, Kowloon  
HONG KONG

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[51] A61B 5/08 [11] 40061464  
A61K 49/00 CN113521314 A  
[13] A

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[51] A61B 5/103 [11] 40061634  
A61B 5/05 EP3886696 A1  
[13] A

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[51] A61B 5/103 [11] 40061675  
A61B 5/00 EP3902467 A1  
[13] A

[25] EN

[21] 62022051153.4 [22] 04.04.2022

[86] 24.12.2019 PCT/US2019/068490

[87] 02.07.2020 WO2020/139893

[30] 27.12.2018 US, 62/785,482

[54] DEVICE AND METHOD FOR APPLICATION OF TOPICAL COMPOSITIONS  
GUIDED BY PROJECTED FIDUCIALS  
用於在投影基準的引導下施用局部用組合物的裝置和方法

[71] Johnson & Johnson Consumer Inc.  
199 Grandview Road  
Skillman, NJ 08558  
UNITED STATES OF AMERICA

[72] Albert Durr EDGAR

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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|------|-----------|------|---------------|
| [51] | A61B 5/11 | [11] | 40061572      |
|      | A61B 5/00 |      | CN113347916 A |
|      |           | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61B 5/117 | [11] | 40061634     |
|      | A61B 5/05  |      | EP3886696 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61B 5/1455 | [11] | 40061544     |
|      | A61B 5/02   |      | EP3866678 A1 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61B 5/318 | [11] | 40061464      |
|      | A61K 49/00 |      | CN113521314 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61B 6/00  | [11] | 40061464      |
|      | A61K 49/00 |      | CN113521314 A |
|      |            | [13] | A             |

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|------|-----------|------|---------------|
| [51] | A61B 6/00 | [11] | 40061572      |
|      | A61B 5/00 |      | CN113347916 A |
|      |           | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61B 6/03  | [11] | 40061464      |
|      | A61K 49/00 |      | CN113521314 A |
|      |            | [13] | A             |

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|------|-----------|------|---------------|
| [51] | A61B 6/03 | [11] | 40061572      |
|      | A61B 5/00 |      | CN113347916 A |
|      |           | [13] | A             |

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|------|-----------|------|--------------|
| [51] | A61B 6/04 | [11] | 40061761     |
|      | A61B 6/10 |      | EP3920805 A1 |
|      |           | [13] | A            |

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[51] A61B 6/10 [11] 40061761  
A61B 6/04 EP3920805 A1  
[13] A

[25] EN

[21] 62022051455.3 [22] 11.04.2022

[86] 07.02.2020 PCT/US2020/017309

[87] 13.08.2020 WO2020/163773

[30] 08.02.2019 US,201962803261P

[54] ARTICULATED RADIATION SHIELDING SYSTEM  
活動連接的輻射屏蔽系統

[71] Rampart IC, LLC  
807 5th Avenue North  
Birmingham, AL 35203  
UNITED STATES OF AMERICA

[72] FOSTER, Robert, Evans  
COOPER, Lloyd, Guyton Bowers  
LIVINGSTON, William, Thomas  
PHILLIPS, Foster, D.

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

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[51] A61B 8/00 [11] 40061579  
A61B 17/22 EP3886737 A1  
[13] A

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[51] A61B 8/00 [11] 40061607  
CN114126494 A  
[13] A

[25] EN

[21] 62022049645.4 [22] 09.03.2022

[86] 13.07.2020 PCT/US2020/041783

[87] 21.01.2021 WO2021/011458

[30] 15.07.2019 US,62/874,374

[54] SYSTEMS AND METHODS FOR MEASURING ELASTICITY WITH IMAGING OF  
ULTRASOUND MULTI-FOCUS SHEARWAVES IN MULTIPLE DIMENSIONS  
用於利用多維的超聲多焦點剪切波的成像來測量彈性的系統和方法

[71] ULTHERA, INC.  
奧賽拉公司  
1840 South Stapley Drive  
Suite 200  
Mesa, AZ 85204  
UNITED STATES OF AMERICA

[72] EMERY, Charles D. C·D·艾姆利  
HSU, Stephen John 徐道中

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61B 90/00 | [11] | 40061446     |
|      | A61B 17/16 |      | EP3881780 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61B 90/00 | [11] | 40061579     |
|      | A61B 17/22 |      | EP3886737 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61H 23/00 | [11] | 40061536     |
|      | A61H 7/00  |      | EP3906913 A1 |
|      |            | [13] | A            |

[25] EN

[21] 42022051369.1 [22] 08.04.2022

[30] 07.10.2013 FI,20136002

[54] METHOD AND ARRANGEMENT FOR ALLEVIATING THE STRESS-RELATED  
SLEEP DISORDER AND REDUCING THE STRESS LEVEL OF A PERSON  
用於減輕與壓力相關的睡眠障礙和降低人的壓力水平的方法和裝置

[71] Oy Neurosonic Finland Ltd.  
Saaristonkatu 1, 90100 Oulu  
FINLAND

[72] Marco Kärkkäinen

[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] | A61H 7/00  | [11] | 40061536     |
|      | A61H 23/00 |      | EP3906913 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 131/00 | [11] | 40061724      |
|      | A61K 36/28  |      | CN114206363 A |
|      |             | [13] | A             |

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[51] A61K 31/00 [11] 40061503  
C07K 16/08 CN113480640 A  
[13] A

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[51] A61K 31/00 [11] 40061603  
A61K 39/00 EP3946438 A1  
[13] A

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[51] A61K 31/00 [11] 40061608  
C07K 16/30 EP3953393 A1  
[13] A

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[51] A61K 31/03 [11] 40061735  
A61K 31/513 EP3968996 A1  
[13] A

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[51] A61K 31/137 [11] 40061485  
A61K 31/216 EP3909570 A1  
A61K 31/222  
A61K 31/4025  
A61K 31/445  
A61K 31/46  
A61K 31/4725  
A61M 5/178  
A61P 13/10  
[13] A

[25] DE

[21] 42022051067.1 [22] 01.04.2022

[30] 15.05.2020 DE,102020002936  
06.07.2020 DE,102020117734

[54] OXYBUTYNIN FOR INTRAVESICAL APPLICATION  
用於膀胱內施用的奧昔布寧

[71] Farco-Pharma GmbH  
Gereonsmühlengasse 1-11  
50670 Köln  
GERMANY

[72] SODHA, Frank  
KÜHBACHER, Andreas, Dr.

[74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG

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[51] A61K 31/15 [11] 40061494  
C07D 403/12 EP3909949 A1  
[13] A

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[51] A61K 31/16 [11] 40061681  
A61P 17/00 EP3908271 A1  
A61P 39/06  
[13] A

[25] EN

[21] 62022051271.4 [22] 07.04.2022

[86] 09.01.2020 PCT/US2020/012975

[87] 16.07.2020 WO2020/146666

[30] 11.01.2019 US, 62/791,422

[54] N-ACETYLCYSTEINE AMIDE (NACA) AND (2R,2R')-3,3'-DISULFANEDIYL  
BIS (2-ACETAMIDOPROPANAMIDE) (DINACA) FOR THE PREVENTION AND  
TREATMENT OF RADIATION DERMATITIS AND SKIN LIGHTENING, SKIN  
WHITENING AND SKIN IMPROVEMENT  
用於預防和治療輻射性皮炎和皮膚變亮、皮膚增白和皮膚改善的 N-乙酰半胱氨酸酰  
胺 (NACA) 和 (2R, 2R')-3, 3'-二硫烷二基雙 (2-乙酰氨基丙酰胺) (DINACA)

[71] NaCuity Pharmaceuticals, Inc.  
Fort Worth Club Building, 306 W 7th Street, Suite 310  
Fort Worth, TX 76102  
UNITED STATES OF AMERICA

[72] WALL, G., Michael

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

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[51] A61K 31/165 [11] 40061625  
C07D 213/89 CN113906013 A  
[13] A

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[51] A61K 31/198 [11] 40061465  
A61K 31/337 EP3967303 A1  
A61K 31/4422  
A61P 35/00  
A61K 31/223  
A61K 31/277  
A61K 31/4427  
A61K 31/4439  
A61K 31/444  
A61K 31/496  
A61K 31/554

A61K 31/675

A61K 33/243

[13] A

[25] EN

[21] 42022050372.6 [22] 21.03.2022

[30] 08.04.2014 US,US201461976956P

[54] INOS-INHIBITORY COMPOSITIONS AND THEIR USE AS BREAST CANCER THERAPEUTICS

INOS 抑制性組合物及其作為乳腺癌治療劑的用途

[71] The Methodist Hospital  
6565 Fannin Street, MS D200  
Houston, Texas 77030  
UNITED STATES OF AMERICA

[72] CHANG, Jenny Chee Ning

[74] BENNY KONG & TSAI  
Unit 19B, Overseas Trust Bank Building  
No. 160 Gloucester Road, Wanchai  
HONG KONG

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[51] A61K 31/202 [11] 40061549  
A61K 9/00 EP3866759 A1  
[13] A

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[51] A61K 31/216 [11] 40061485  
A61K 31/137 EP3909570 A1  
[13] A

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[51] A61K 31/22 [11] 40061745  
C07C 69/675 CN113710243 A  
A61P 25/00  
[13] A

[25] EN

[21] 62022051432.2 [22] 08.04.2022

[86] 30.05.2019 PCT/US2019/034592

[87] 03.12.2020 WO2020/242478

[54] GLYCERYL TRIS (BETA-HYDROXYBUTYRATE) AND NEURONAL TRANSIENT ISCHEMIC ATTACKS

甘油三(β-羥基丁酸酯)與神經元短暫性腦缺血發作

[71] NEUROENERGY VENTURES, INC.

神经活力投资公司

c/o George Gellis, Gellis Law Group, 641 Lexington Avenue,  
14th Floor

New York, NY 10022

UNITED STATES OF AMERICA

[72] HASHIM, Sami 萨米·哈希姆

[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 31/222 | [11] | 40061485     |
|      | A61K 31/137 |      | EP3909570 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/223 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/27  | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/277 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/337 | [11] | 40061458      |
|      | A61K 47/68  |      | CN113599534 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/337 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/337 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/4025 | [11] | 40061485     |
|      | A61K 31/137  |      | EP3909570 A1 |
|      |              | [13] | A            |

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[51] A61K 31/4025 [11] 40061591  
A61P 9/06 CN113453677 A  
[13] A

[25] EN

[21] 62022049599.3 [22] 09.03.2022

[86] 12.12.2019 PCT/US2019/066003

[87] 18.06.2020 WO2020/123824

[30] 13.12.2018 US, 62/779,056  
06.06.2019 US, 62/858,324

[54] SULCARDINE ADMINISTRATION FOR TREATMENT OF ACUTE ATRIAL  
FIBRILLATION  
用於治療急性心房顫動的舒卡定施用

[71] HUYA BIOSCIENCE INTERNATIONAL, LLC  
沪亚生物国际有限责任公司  
12531 High Bluff Drive, Suite 138  
San Diego, CA 92130  
UNITED STATES OF AMERICA

[72] ROMANO, Suzanne, J. 苏珊妮·J·罗马诺  
ELLIOTT, Gary, T. 加里·T·艾略特

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

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[51] A61K 31/4025 [11] 40061604  
A61P 9/06 EP3893870 A1  
[13] A

[25] EN

[21] 62022049641.3 [22] 09.03.2022

[86] 12.12.2019 PCT/US2019/066003

[87] 18.06.2020 WO2020/123824

[30] 13.12.2018 US, 62/779,056  
06.06.2019 US, 62/858,324

[54] SULCARDINE ADMINISTRATION FOR TREATMENT OF ACUTE ATRIAL  
FIBRILLATION  
用於治療急性心房顫動的舒卡定施用

[71] Huya Bioscience International LLC  
12531 High Bluff Drive, Suite 138  
San Diego, CA 92130  
UNITED STATES OF AMERICA

[72] ROMANO, Suzanne, J.  
ELLIOTT, Gary, T.

[74] HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED  
Room 1701, 17/F, Hong Kong Trade Centre

Nos. 161-167 Des Voeux Road, Central  
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|------|--------------|------|--------------|
| [51] | A61K 31/404  | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/407 | [11] | 40061663     |
|      | A61P 31/18  |      | EP3886842 A1 |
|      | A61K 31/513 |      |              |
|      | A61K 31/683 |      |              |
|      | A61K 39/395 |      |              |
|      | A61K 45/06  |      |              |
|      | C07K 16/28  |      |              |
|      |             | [13] | A            |

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|------|-------------------------------------------|------|------------|
| [25] | EN                                        |      |            |
| [21] | 62022051130.2                             | [22] | 04.04.2022 |
| [86] | 26.11.2019 PCT/EP2019/082624              |      |            |
| [87] | 04.06.2020 WO2020/109328                  |      |            |
| [30] | 26.11.2018 EP,18208384                    |      |            |
|      | 30.11.2018 EP,18209456                    |      |            |
| [54] | COMBINATION TREATMENT OF HIV INFECTIONS   |      |            |
|      | HIV 感染的聯合治療                               |      |            |
| [71] | Debiopharm International SA               |      |            |
|      | Forum "après-demain", Ch. Messidor 5-7    |      |            |
|      | 1002 Lausanne                             |      |            |
|      | SWITZERLAND                               |      |            |
| [72] | VUAGNIAUX, Grégoire                       |      |            |
|      | WIEDEMANN, Norbert                        |      |            |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED    |      |            |
|      | 22/F, Great Eagle Centre, 23 Harbour Road |      |            |
|      | Wanchai                                   |      |            |
|      | HONG KONG                                 |      |            |

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|------|-------------|------|---------------|
| [51] | A61K 31/415 | [11] | 40061563      |
|      | C07D 417/12 |      | CN114072399 A |
|      |             | [13] | A             |

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| [51] | A61K 31/4155 | [11] | 40061494     |
|      | C07D 403/12  |      | EP3909949 A1 |
|      |              | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/416 | [11] | 40061546      |
|      | C07D 231/56 |      | CN113454068 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/416 | [11] | 40061612     |
|      | C07D 231/56 |      | EP3956315 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
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| [51] | A61K 31/416 | [11] | 40061639      |
|      | A61K 31/437 |      | CN114025755 A |
|      | A61P 35/00  |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62022050651.8 [22] 25.03.2022

[86] 09.04.2020 PCT/US2020/027453

[87] 15.10.2020 WO2020/210481

[30] 12.04.2019 US, 62/833,364

[54] HETEROCYCLIC COMPOUNDS AS KINASE INHIBITORS FOR THERAPEUTIC USES  
以雜環化合物作為激酶抑制劑的治療用途

[71] NATIONAL HEALTH RESEARCH INSTITUTES  
臺灣衛生研究院  
35, Keyan Road  
Zhunan Town, Miaoli County 350  
TAIWAN

[72] HSIEH, Hsing-Pang 謝興邦  
LEE, Kun-Hung 李昆鴻  
LIN, Wen-Hsing 林文星  
SHIH, Chuan 石全

[74] MARKS & CLERK  
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| [51] | A61K 31/4162 | [11] | 40061612     |
|      | C07D 231/56  |      | EP3956315 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/4184 | [11] | 40061722      |
|      | C07D 403/14  |      | CN114174285 A |
|      |              | [13] | A             |

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| [51] | A61K 31/4188 | [11] | 40061484      |
|      | C07D 487/04  |      | CN114075199 A |
|      |              | [13] | A             |

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| [51] | A61K 31/427 | [11] | 40061563      |
|      | C07D 417/12 |      | CN114072399 A |
|      |             | [13] | A             |

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| [51] | A61K 31/436  | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/4365 | [11] | 40061559     |
|      | A61P 25/00   |      | EP3924049 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/437 | [11] | 40061546      |
|      | C07D 231/56 |      | CN113454068 A |
|      |             | [13] | A             |

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| [51] | A61K 31/437 | [11] | 40061552     |
|      | C07D 471/04 |      | EP3873900 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/437 | [11] | 40061574     |
|      | C07D 471/04 |      | EP3873903 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/437 | [11] | 40061602      |
|      | C07D 471/04 |      | CN113574057 A |
|      |             | [13] | A             |

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| [51] | A61K 31/437 | [11] | 40061639      |
|      | A61K 31/416 |      | CN114025755 A |
|      |             | [13] | A             |

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[51] A61K 31/4375 [11] 40061501  
A61K 31/5377 EP3888659 A1  
[13] A

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[51] A61K 31/438 [11] 40061742  
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[13] A

[25] EN

[21] 62022051427.2 [22] 08.04.2022

[86] 20.12.2019 PCT/US2019/068045

[87] 25.06.2020 WO2020/132561

[30] 20.12.2018 US,US201862783004P

[54] TARGETED PROTEIN DEGRADATION  
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HENDERSON, James, A.  
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[51] A61K 31/439 [11] 40061742  
A61K 31/438 EP3897631 A1  
[13] A

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[51] A61K 31/4412 [11] 40061501  
A61K 31/5377 EP3888659 A1  
[13] A

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[51] A61K 31/4422 [11] 40061465  
A61K 31/198 EP3967303 A1  
[13] A

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| [51] | A61K 31/4427 | [11] | 40061465     |
|      | A61K 31/198  |      | EP3967303 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/4427 | [11] | 40061533     |
|      | C07D 417/12  |      | EP3892620 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/4439 | [11] | 40061465     |
|      | A61K 31/198  |      | EP3967303 A1 |
|      |              | [13] | A            |

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|------|--------------|------|---------------|
| [51] | A61K 31/4439 | [11] | 40061515      |
|      | C07D 471/04  |      | CN113480534 A |
|      |              | [13] | A             |

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| [51] | A61K 31/444 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/444 | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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| [51] | A61K 31/444 | [11] | 40061567     |
|      | A61P 31/18  |      | EP3873608 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/444  | [11] | 40061750      |
|      | A61K 31/501  |      | CN114072148 A |
|      | A61K 31/5375 |      |               |
|      |              | [13] | A             |

[25] EN

[21] 62022051439.7 [22] 09.04.2022

[86] 30.04.2020 PCT/US2020/030786

[87] 12.11.2020 WO2020/227020

- [30] 03.05.2019 US, 62/843,197
- [54] INHIBITORS OF RAF KINASES  
RAF 激酶的抑制劑
- [71] KINNATE BIOPHARMA INC.  
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- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/445 | [11] | 40061485     |
|      | A61K 31/137 |      | EP3909570 A1 |
|      |             | [13] | A            |
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|------|-------------|------|---------------|
| [51] | A61K 31/454 | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |
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|------|--------------|------|---------------|
| [51] | A61K 31/4545 | [11] | 40061515      |
|      | C07D 471/04  |      | CN113480534 A |
|      |              | [13] | A             |
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| [51] | A61K 31/4545 | [11] | 40061567     |
|      | A61P 31/18   |      | EP3873608 A1 |
|      |              | [13] | A            |
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|------|--------------|------|---------------|
| [51] | A61K 31/4545 | [11] | 40061707      |
|      | A61K 31/495  |      | CN113498341 A |
|      | A61K 31/505  |      |               |
|      | A61P 35/00   |      |               |
|      | G01N 33/68   |      |               |
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|      |              | [13] | A             |

[25] EN

[21] 62022051306.8 [22] 07.04.2022

[86] 02.01.2020 PCT/CN2020/070041

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- [30] 02.01.2019 CN,PCT/CN2019/070041
- [54] CANCER TREATMENT USING MULTI-TARGETED KINASE INHIBITOR IN  
COMBINATION OF PROTEIN KINASE BIOMARKERS  
使用多靶點激酶抑制劑結合蛋白激酶生物標志物的癌症治療
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YU, Guoliang 余國良
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- [51] A61K 31/455 [11] 40061699  
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A24B 15/16 EP3909581 A1  
[13] A

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[21] 42022050663.8 [22] 25.03.2022

[30] 01.06.2018 EP,18175640

[54] NICOTINE FORMULATION  
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[71] Yatzz Limited  
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[72] NOLAN, Christopher  
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O'ROURKE, Brian  
KAVANAGH, Joseph

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|------|---------------------------|------|--------------------------|
| [51] | A61K 31/47<br>C12Q 1/6886 | [11] | 40061666<br>EP3950961 A1 |
|      |                           | [13] | A                        |

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| [51] | A61K 31/4725<br>A61K 31/137 | [11] | 40061485<br>EP3909570 A1 |
|      |                             | [13] | A                        |

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| [51] | A61K 31/495<br>C07D 403/12 | [11] | 40061494<br>EP3909949 A1 |
|      |                            | [13] | A                        |

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|------|-----------------------------|------|---------------------------|
| [51] | A61K 31/495<br>A61K 31/4545 | [11] | 40061707<br>CN113498341 A |
|      |                             | [13] | A                         |

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|------|------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A61K 31/496<br>A61P 25/08<br>A61P 25/28<br>A61P 25/00<br>A61P 1/00<br>A61P 27/02<br>A61P 25/02<br>A61P 25/06<br>A61P 25/04<br>A61P 29/00 | [11] | 40061449<br>CN113413387 A |
|      |                                                                                                                                          | [13] | A                         |

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[54] METHODS OF TREATING INFLAMMATION OR NEUROPATHIC PAIN  
治療炎症或神經性疼痛的方法

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Iain Peter Fraser 伊恩·彼得·弗雷泽  
Cheryl A. Grice 谢丽尔·A·格莱斯  
Todd K. Jones 托德·K·琼斯  
Gary Paul O'Neill 加里·保罗·奥尼尔  
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|------|-------------|------|--------------|
| [51] | A61K 31/496 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/496  | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/496 | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 31/496 | [11] | 40061624     |
|      | A61K 9/00   |      | EP3941470 A1 |
|      | A61P 25/18  |      |              |
|      |             | [13] | A            |

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[21] 62022049666.0 [22] 09.03.2022

[86] 01.04.2021 PCT/JP2021/014192

[87] 07.10.2021 WO2021/201238

[30] 01.04.2020 US, 63/003,544

[54] METHODS OF ADMINISTERING AN ARIPIPRAZOLE INJECTABLE  
PREPARATION

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[71] Otsuka Pharmaceutical Co., Ltd.  
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|------|--------------|------|--------------|
| [51] | A61K 31/4965 | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4985 | [11] | 40061428     |
|      | C07D 487/04  |      | EP3872080 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
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| [51] | A61K 31/501 | [11] | 40061653     |
|      | C07D 237/14 |      | EP3969441 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/501 | [11] | 40061750      |
|      | A61K 31/444 |      | CN114072148 A |
|      |             | [13] | A             |

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|------|--------------|------|--------------|
| [51] | A61K 31/5025 | [11] | 40061678     |
|      | C07D 487/04  |      | EP3902803 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/504 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/505  | [11] | 40061707      |
|      | A61K 31/4545 |      | CN113498341 A |
|      |              | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 31/505 | [11] | 40061735     |
|      | A61K 31/513 |      | EP3968996 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/506 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/506 | [11] | 40061556     |
|      | C07D 417/14 |      | EP3870580 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/51  | [11] | 40061670      |
|      | C07D 487/04 |      | CN113490668 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/513 | [11] | 40061663     |
|      | A61K 31/407 |      | EP3886842 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/513 | [11] | 40061715     |
|      | C07D 413/12 |      | EP3891145 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/513 | [11] | 40061735     |
|      | A61K 31/03  |      | EP3968996 A1 |
|      | A61K 31/505 |      |              |
|      | C07C 25/02  |      |              |
|      | C07C 25/24  |      |              |
|      | C07D 247/02 |      |              |
|      |             | [13] | A            |

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[25] EN

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| [21] | 62022051420.7 | [22] | 08.04.2022 |
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[86] 14.05.2020 PCT/US2020/032904

[87] 19.11.2020 WO2020/232256

[30] 15.05.2019 US, 62/848,114

[54] TRIARYL COMPOUNDS FOR TREATMENT OF PD-L1 DISEASES  
用於治療 PD-L1 疾病的三芳基化合物



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MCMURTRIE, Darren, J.  
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PUNNA, Sreenivas  
SINGH, Rajinder  
YANG, Ju  
ZENG, Yibin  
ZHANG, Penglie
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- [51] A61K 31/517 [11] 40061708  
A61K 39/395 EP3897650 A1  
A61P 35/00  
C07D 239/94  
C07K 16/28  
[13] A
- [25] EN
- [21] 62022051307.6 [22] 07.04.2022
- [86] 20.12.2019 PCT/US2019/068153
- [87] 25.06.2020 WO2020/132633
- [30] 21.12.2018 US,62/784,084
- [54] COMBINATION THERAPY FOR THE TREATMENT OF CANCER  
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NILSSON, Monique
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- [51] A61K 31/519 [11] 40061501  
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[13] A
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[51] A61K 31/519 [11] 40061520  
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[13] A

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[51] A61K 31/519 [11] 40061557  
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[13] A

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[51] A61K 31/519 [11] 40061578  
C07D 471/04 CN113767098  
[13] A

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[51] A61K 31/519 [11] 40061602  
C07D 471/04 CN113574057 A  
[13] A

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[51] A61K 31/519 [11] 40061643  
A61K 31/5517 CN113966219 A  
A61K 9/08  
A61K 47/26  
A61K 47/12  
A61K 47/22  
A61K 47/18  
A61K 47/10  
A61K 47/46  
A61P 21/00  
[13] A

[25] EN

[21] 62022050773.0 [22] 29.03.2022

[86] 10.06.2020 PCT/EP2020/066003

[87] 17.12.2020 WO2020/249577

[30] 12.06.2019 EP,19179563.2

[54] NEW TREATMENT OF SMA  
SMA 的新治療方法

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| [51] | A61K 31/519<br>C07D 487/04 | [11] | 40061677<br>EP3902804 A1 |
|      |                            | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | A61K 31/52<br>C07D 403/12 | [11] | 40061494<br>EP3909949 A1 |
|      |                           | [13] | A                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/52<br>A61K 31/5377 | [11] | 40061501<br>EP3888659 A1 |
|      |                            | [13] | A                        |

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| [51] | A61K 31/522<br>C07K 16/08 | [11] | 40061690<br>EP3898668 A2 |
|      |                           | [13] | A                        |

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|      |                             |      |                          |
|------|-----------------------------|------|--------------------------|
| [51] | A61K 31/5365<br>C07D 403/12 | [11] | 40061494<br>EP3909949 A1 |
|      |                             | [13] | A                        |

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|      |                             |      |                          |
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| [51] | A61K 31/537<br>A61K 31/5377 | [11] | 40061501<br>EP3888659 A1 |
|      |                             | [13] | A                        |

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| [51] | A61K 31/5375<br>A61K 31/444 | [11] | 40061750<br>CN114072148 A |
|      |                             | [13] | A                         |

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| [51] | A61K 31/5377<br>A61K 31/4412<br>A61P 35/00<br>A61P 35/02<br>A61K 45/06<br>A61K 31/537<br>A61K 31/436 | [11] | 40061501<br>EP3888659 A1 |
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A61K 31/4375  
A61K 31/496  
A61K 31/4965  
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A61K 31/52  
A61K 31/573  
A61K 31/635  
A61K 31/675  
A61K 31/69  
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[13] A

[25] EN

[21] 42022051181.0 [22] 04.04.2022

[30] 06.12.2013 US,US201361913063P  
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[54] COMBINATION THERAPY FOR TREATING CANCER  
用於治療癌症的組合療法

[71] Epizyme Inc  
400 Technology Square, 4th Floor  
Cambridge, MA 02139  
UNITED STATES OF AMERICA

[72] KEILHACK, Heike  
KNUTSON, Sarah K.  
KUNTZ, Kevin W.

[74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

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[51] A61K 31/55 [11] 40061494  
C07D 403/12 EP3909949 A1  
[13] A

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[51] A61K 31/551 [11] 40061715  
C07D 413/12 EP3891145 A1  
[13] A

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[51] A61K 31/5517 [11] 40061643  
A61K 31/519 CN113966219 A  
[13] A

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[51] A61K 31/553 [11] 40061494  
C07D 403/12 EP3909949 A1  
[13] A

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[51] A61K 31/554 [11] 40061465  
A61K 31/198 EP3967303 A1  
[13] A

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[51] A61K 31/557 [11] 40061549  
A61K 9/00 EP3866759 A1  
[13] A

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[51] A61K 31/568 [11] 40061660  
A61K 47/14 EP3893885 A1  
A61K 47/26  
A61K 47/44  
A61K 9/00  
A61P 5/26  
C07J 1/00  
[13] A

[25] EN

[21] 62022050832.4 [22] 30.03.2022

[86] 12.12.2019 PCT/CA2019/051793

[87] 18.06.2020 WO2020/118437

[30] 14.12.2018 US,62/779,854

[54] ACTIVE ESTER DERIVATIVES OF TESTOSTERONE, COMPOSITIONS AND  
USES THEREOF

睾酮的活性酯衍生物、組合物和其用途

[71] Acerus Biopharma Inc.  
2486 Dunwin Drive, Mississauga, ON L5L 1J9  
CANADA

[72] BRYSON, Nathan  
SHARMA, Avinash Chander

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED  
Unit 503, 5/F., Tower 2, Lippo Centre  
89 Queensway, Admiralty  
HONG KONG

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[51] A61K 31/573 [11] 40061501  
A61K 31/5377 EP3888659 A1  
[13] A

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| [51] | A61K 31/635  | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 31/664 | [11] | 40061701      |
|      | C07F 9/564  |      | CN113853379 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 31/675 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|------|--------------|------|--------------|
| [51] | A61K 31/675  | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/683 | [11] | 40061663     |
|      | A61K 31/407 |      | EP3886842 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/685 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 31/688 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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| [51] | A61K 31/69   | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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| [51] | A61K 31/702 | [11] | 40061577      |
|      |             |      | CN113924100 A |
|      |             | [13] | A             |

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| [25] | ZH |
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| [21] | 62022049475.6 | [22] | 07.03.2022 |
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- [86] 05.08.2020 PCT/CN2020/107225
- [87] 11.02.2021 WO2021/023239
- [30] 06.08.2019 CN,201910719369.0
- [54] USE OF MANNURONIC ACID OLIGOSACCHARIDES IN TREATMENT OF TH1-DOMINANCE RELATED DISEASES  
甘露糖醛酸寡糖治療 TH1 主導相關疾病的用途
- [71] SHANGHAI GREEN VALLEY PHARMACEUTICAL CO., LTD.  
上海綠谷製藥有限公司  
中國  
201203 上海市 浦東新區 張江高科技園區牛頓路 421 號
- SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES  
中國科學院上海藥物研究所  
中國  
201203 上海市浦東新區張江高科技園區祖沖之路 555 號
- [72] Meiyu GENG 耿美玉  
Guangqiang SUN 孫廣強  
Xinyi WANG 王薪懿  
Jing ZHANG 張靖  
Teng FENG 馮騰  
Jian DING 丁健
- [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] | A61K 31/7024<br>C07H 13/08 | [11] | 40061427<br>EP3868771 A1 |
|      |                            | [13] | A                        |
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|------|---------------------------|------|--------------------------|
| [51] | A61K 31/7088<br>A61K 9/00 | [11] | 40061580<br>EP3930683 A1 |
|      |                           | [13] | A                        |
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|------|-----------------------------|------|---------------------------|
| [51] | A61K 31/7105<br>A61K 39/215 | [11] | 40061489<br>CN113521269 A |
|      |                             | [13] | A                         |
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|------|-----------------------------|------|---------------------------|
| [51] | A61K 31/7105<br>C07C 229/16 | [11] | 40061529<br>CN114044741 A |
|      |                             | [13] | A                         |

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[51] A61K 31/7115 [11] 40061674  
G01N 33/50 EP3890752 A1  
A61P 25/28  
[13] A

[25] EN

[21] 62022051152.6 [22] 04.04.2022

[86] 03.12.2019 PCT/US2019/064190

[87] 11.06.2020 WO2020/117772

[30] 06.12.2018 US, 62/776,253  
30.04.2019 US, 62/840,431  
02.05.2019 US, 62/842,063

[54] NEUROFILAMENT PROTEIN FOR GUIDING THERAPEUTIC INTERVENTION IN  
AMYOTROPHIC LATERAL SCLEROSIS  
引導肌萎縮側索硬化症的治療性干預的神經絲蛋白

[71] Biogen MA Inc.  
225 Binney Street  
CAMBRIDGE, MA 02142  
UNITED STATES OF AMERICA

[72] Toby Arlo FERGUSON  
Danielle LeeZetta GRAHAM  
Steve Sang-Woo HAN  
Alexander Reid Vincent MCCAMPBELL  
Giulio SRUBEK-TOMASSY

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] A61K 31/712 [11] 40061613  
A61P 43/00 EP3881851 A1  
C07H 19/06  
C07H 19/10  
C07H 19/16  
C07H 19/20  
C12N 15/10  
[13] A

[25] JA

[21] 62022049652.0 [22] 09.03.2022

[86] 11.11.2019 PCT/JP2019/044182

[87] 22.05.2020 WO2020/100826

[30] 12.11.2018 JP, 2018-212424

[54] CROSSLINKED ARTIFICIAL NUCLEIC ACID ALNA  
橋連型人工核酸 ALNA

[71] Mitsubishi Tanabe Pharma Corporation  
3-2-10, Dosho-machi, Chuo-ku



Osaka-shi, Osaka 541-8505  
JAPAN

Osaka University  
1-1, Yamadaoka, Suita-shi  
Osaka 565-0871  
JAPAN

[72] SAWAMOTO, Hiroaki  
KUMAGAI, Shinji  
FURUKAWA, Hiroyuki  
ARAKI, Tomo  
UTSUGI, Masayuki  
OBIKA, Satoshi

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

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[51] A61K 31/7125 [11] 40061658  
C12N 15/10 EP3914260 A1  
C12N 15/11

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[21] 62022050829.0 [22] 30.03.2022

[86] 22.01.2020 PCT/US2020/014511

[87] 30.07.2020 WO2020/154343

[30] 22.01.2019 US,62/795,348

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13.09.2019 US,62/900,017

[54] RNA-EDITING OLIGONUCLEOTIDES AND USES THEREOF  
RNA 編輯的寡核苷酸及其用途

[71] Korro Bio, Inc.  
One Kendall Square, Building 600  
Suite 6-401, Cambridge, MA 02139  
UNITED STATES OF AMERICA

[72] Andrew W. FRALEY  
Steven ROBINETTE  
Nessan BERMINGHAM  
Mallikarjuna Reddy PUTTA

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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[51] A61K 31/713 [11] 40061440  
C12N 15/113 CN113430196 A

[13] A

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| [51] | A61K 31/713 | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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| [51] | A61K 31/715 | [11] | 40061605      |
|      | A61K 31/734 |      | CN113382738 A |
|      | A61K 38/05  |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62022049642.1 [22] 09.03.2022

[86] 08.01.2021 PCT/US2021/012679

[87] 15.07.2021 WO2021/142244

[30] 10.01.2020 US, 62/959,874

[54] SKIN TREATMENT METHODS AND COMPOSITIONS FOR TRANSDERMAL  
DELIVERY OF ACTIVE AGENTS  
用於經皮遞送活性劑的皮膚治療方法和組合物

[71] Topix Pharmaceuticals, Inc.  
塔普克斯製藥公司  
5200 New Horizons Blvd.  
North Amityville, NY 11701  
UNITED STATES OF AMERICA

[72] HERNANDEZ, Steven, M. S·M·赫爾南德斯

[74] LIU, SHEN & ASSOCIATES  
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30 Harbour Road, Wanchai  
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| [51] | A61K 31/734 | [11] | 40061605      |
|      | A61K 31/715 |      | CN113382738 A |
|      |             | [13] | A             |

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| [51] | A61K 33/243 | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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| [51] | A61K 35/12 | [11] | 40061713     |
|      | A61K 35/44 |      | EP3976065 A1 |
|      | C12N 15/09 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022051312.6 [22] 07.04.2022  
[86] 28.05.2020 PCT/US2020/034932  
[87] 03.12.2020 WO2020/243310  
[30] 28.05.2019 US,US201962853452P  
[54] COMPOSITIONS AND METHODS FOR THYMIC REGENERATION AND T-CELL  
RECONSTITUTION  
用於胸腺再生和 T 細胞重組的組合物和方法  
[71] Angiocrine Bioscience, Inc.  
11575 Sorrento Valley Road Suite 217  
San Diego CA 92121  
UNITED STATES OF AMERICA  
[72] FINNEGAN, Paul, William  
NOLAN, Daniel, Joseph  
KUCHAROVA, Karolina  
GINSBERG, Michael, Daniel  
WILLS, Kenneth, N.  
[74] EMILY YIP & CO LIMITED  
1st Floor, Kingsfield Centre  
18 Shell Street, Fortress Hill  
HONG KONG

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[51] A61K 35/17 [11] 40061553  
A61K 9/00 EP3883584 A1  
A61P 31/00  
[13] A  
[25] EN  
[21] 62022048820.4 [22] 24.02.2022  
[86] 17.11.2019 PCT/IL2019/051250  
[87] 28.05.2020 WO2020/105034  
[30] 19.11.2018 US,16/194,417  
07.10.2019 US,16/594,463  
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[54] EARLY APOPTOTIC CELLS FOR USE TREATING SEPSIS  
用於治療敗血症的早期離亡細胞  
[71] Enlivex Therapeutics Ltd.  
14 Einstein St.  
7403618 Nes-Ziona  
ISRAEL  
[72] NOVIK, Shai  
MEVORACH, Dror  
[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 35/17 [11] 40061606  
A61K 39/00 CN113412117 A  
A61P 35/02  
C07K 14/725  
C07K 16/28  
[13] A

[25] EN

[21] 62022049643.9 [22] 09.03.2022

[86] 11.12.2019 PCT/US2019/065776

[87] 18.06.2020 WO2020/123691

[30] 12.12.2018 US, 62/778,893

[54] CHIMERIC ANTIGEN RECEPTORS AND CAR-T CELLS AND METHODS OF USE  
嵌合抗原和 T 細胞受體及使用的方法

[71] Kite Pharma, Inc  
凱德藥業股份有限公司  
2400 Broadway, Santa Monica, California 90404  
UNITED STATES OF AMERICA

[72] PEREZ, Arianne A·佩雷茲  
SIEVERS, Stuart A. S·A·西弗斯  
RODRIGUEZ, Ruben Alvarez R·A·羅德里格斯  
BELK, Jonathan J·貝爾克

[74] LIU, SHEN & ASSOCIATES  
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30 Harbour Road, Wanchai  
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[51] A61K 35/17 [11] 40061667  
A61P 35/00 EP3886878 A1  
C12Q 1/68  
G01N 33/574  
[13] A

[25] EN

[21] 62022051140.1 [22] 04.04.2022

[86] 26.11.2019 PCT/US2019/063401

[87] 04.06.2020 WO2020/112869

[30] 27.11.2018 US, 201862771965P

[54] CHARACTERIZING METHYLATED DNA, RNA, AND PROTEINS IN THE  
DETECTION OF LUNG NEOPLASIA  
在肺腫瘤形成檢測中表徵甲基化 DNA、RNA 和蛋白質

[71] Exact Sciences Corporation  
5505 Endeavor Lane  
Madison, WI 53719  
UNITED STATES OF AMERICA

Mayo Foundation for Medical Education and Research  
200 First Street S.W.

Rochester, MN 55902  
UNITED STATES OF AMERICA

- [72] ALLAWI, Hatim  
LIDGARD, Graham P.  
GIAKOUMOPOULOS, Maria  
AHLQUIST, David A.  
TAYLOR, William R.  
MAHONEY, Douglas
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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| [51] | A61K 35/17  | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |
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| [51] | A61K 35/44 | [11] | 40061713     |
|      | A61K 35/12 |      | EP3976065 A1 |
|      |            | [13] | A            |
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| [51] | A61K 35/74 | [11] | 40061584     |
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|      | A61P 29/00 |      |              |
|      |            | [13] | A            |
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- [21] 62022049566.2 [22] 08.03.2022
- [86] 08.11.2019 PCT/US2019/060504
- [87] 14.05.2020 WO2020/097483
- [30] 09.11.2018 US, 62/758,276
- [54] THERAPEUTIC MICROBIOTA FOR THE TREATMENT AND/OR PREVENTION OF  
DYSBIOSIS  
用於治療和/或預防生態失調的治療性微生物群
- [71] The Brigham & Women's Hospital, Inc.  
75 Francis Street, Boston, Massachusetts 02115  
UNITED STATES OF AMERICA
- The Children's Medical Center Corporation  
55 Shattuck Street, Boston, Massachusetts 02115  
UNITED STATES OF AMERICA
- [72] BRY, Lynn  
CHATILA, Talal A.  
GERBER, Georg  
ABDEL-GADIR, Azza  
RACHID, Rima

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

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[51] A61K 35/768 [11] 40061716  
C07K 14/08 CN113939304 A  
A61P 35/00

[13] A

[25] ZH

[21] 62022051396.9 [22] 08.04.2022

[86] 31.05.2020 PCT/CN2020/093642

[87] 03.12.2020 WO2020/239118

[30] 31.05.2019 CN,CN201910472439.7

[54] M1 VIRUS MUTANT AND USE THEREOF  
M1 病毒變異體及其應用

[71] GUANGZHOU VIROTECH PHARMACEUTICAL CO., LTD.  
廣州威溶特醫藥科技有限公司  
中國  
廣東省廣州市高新技術產業開發區科學城攬月路3號  
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[72] YAN, Guangmei 顏光美  
LIN, Yuan 林園  
GUO, Li 郭莉  
LIN, Ziqing 林子青  
WU, Guang'en 吳廣恩

[74] 萬慧達(亞太)諮詢有限公司  
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中環廣場1903室

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[51] A61K 36/28 [11] 40061724  
A61K 8/9789 CN114206363 A  
A61P 17/14  
A61Q 7/00  
A61K 131/00

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[25] FR

[21] 62022051405.8 [22] 08.04.2022

[86] 06.08.2020 PCT/EP2020/072146

[87] 11.02.2021 WO2021/023820

[30] 06.08.2019 FR,FR1909012

- [54] EXTRACT OF SILYBUM MARIANUM (L.) GAERTN. AKENES FOR PROMOTING  
HAIR GROWTH  
用於促進頭髮生長的水飛薊瘦果提取物
- [71] PIERRE FABRE DERMO-COSMETIQUE  
皮埃爾·法布爾皮膚化妝品公司  
45, place Abel-Gance  
92100 Boulogne-Billancourt  
FRANCE
- [72] SAURAT, Jean-Hilaire J-H·索拉  
BACQUEVILLE, Daniel D·巴克韋爾  
DUPLAN, Hélène H·迪普朗
- [74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG

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- [51] A61K 36/8888 [11] 40061539  
CN113491737 A  
[13] A
- [25] ZH
- [21] 42022051376.6 [22] 08.04.2022
- [30] 08.04.2020 CN,202010267520.4
- [54] A PROCESSING METHOD OF PINELLIAE RHIZOMA AND ITS PROCESSING  
PRODUCTS  
一種半夏炮製方法及其炮製品
- [71] Increasepharm (Tianjin) Institute Co.,Ltd  
盈科瑞(天津)創新醫藥研究有限公司  
中國  
天津市西青區學府工業區思智道1號E12
- [72] ZHANG BAO XIAN 張保獻  
LI YAN YING 李豔英  
HUANG NENG TING 黃能聽  
WEI HONG WEI 魏宏偉  
ZHANG LI LI 張麗麗  
WANG QIANG 王強
- [74] 龔春暉  
香港  
新界白石角香港科學園三期  
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A61K 47/54 EP3893934 A1  
[13] A
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[51] A61K 38/00 [11] 40061702  
C07K 5/10 EP3898652 A1  
[13] A

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[51] A61K 38/00 [11] 40061703  
C07K 5/10 EP3898653 A1  
[13] A

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[51] A61K 38/05 [11] 40061605  
A61K 31/715 CN113382738 A  
[13] A

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[51] A61K 38/07 [11] 40061712  
A61P 9/04 EP3890765 A1  
A61P 9/06  
A61P 9/08  
A61P 9/10  
A61P 9/12  
C07K 5/10  
[13] A

[25] EN

[21] 62022051311.8 [22] 07.04.2022

[86] 05.12.2019 PCT/US2019/064651

[87] 11.06.2020 WO2020/118035

[30] 06.12.2018 US,US201862776381P

[54] METHODS AND COMPOSITIONS FOR THE TREATMENT OF SENGERS  
SYNDROME

治療 SENGERS 綜合症的方法和組合物

[71] Stealth BioTherapeutics Inc.  
140 Kendrick Street, Building C-West  
Needham, MA 02494  
UNITED STATES OF AMERICA

[72] CARR, James  
DIMATTEO, Michael  
ABBRUSCATO, Anthony  
BJORNSSON, Hans

[74] EMILY YIP & CO LIMITED  
1st Floor, Kingsfield Centre  
18 Shell Street, Fortress Hill  
HONG KONG

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[51] A61K 38/16 [11] 40061519  
C07K 14/415 CN113512102 A  
[13] A

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[51] A61K 38/16 [11] 40061684  
A61K 39/395 CN114007643 A  
[13] A

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[51] A61K 38/17 [11] 40061711  
A61P 11/06 EP3946415 A1  
[13] A

[25] EN

[21] 62022051310.0 [22] 07.04.2022

[86] 25.03.2020 PCT/EP2020/058360

[87] 08.10.2020 WO2020/200960

[30] 29.03.2019 US,US201962826791P

09.05.2019 US,US201962845774P

26.09.2019 US,US201962906443P

[54] LIPOCALIN MUTEIN FOR TREATMENT OF ASTHMA

用於治療哮喘的脂質運載蛋白突變蛋白

[71] Astrazeneca AB

151 85 Södertälje

SWEDEN

[72] AXELSSON, Lena Therese

CLOSE, David Robert

GARDINER, Philip

JAUHIANINEN, Aulikki Ingergard Alexandra

PARDALI, Ekaterina

FITZGERALD, Mary

MATSCHINER, Gabriele

BRUNS, Ingmar

OLSSON, Gunnel Marita

[74] HONGKONG TRUER IP LIMITED

Rooms 1318-20, 13/F, Hollywood Plaza

610 Nathan Road, Mongkok, Kowloon

HONG KONG

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[51] A61K 38/46 [11] 40061610  
C12N 15/55 EP3898981 A1  
[13] A

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[51] A61K 38/48 [11] 40061597  
A61K 39/00 EP3920965 A1

[13] A

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[51] A61K 39/00 [11] 40061426  
A61K 39/395 EP3868405 A1  
[13] A

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[51] A61K 39/00 [11] 40061501  
A61K 31/5377 EP3888659 A1  
[13] A

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[51] A61K 39/00 [11] 40061503  
C07K 16/08 CN113480640 A  
[13] A

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[51] A61K 39/00 [11] 40061529  
C07C 229/16 CN114044741 A  
[13] A

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[51] A61K 39/00 [11] 40061597  
A61K 38/48 EP3920965 A1  
C07K 16/40  
C12N 9/64  
G01N 33/50  
G01N 33/574  
[13] A

[25] EN

[21] 62022049611.6 [22] 09.03.2022

[86] 10.02.2020 PCT/IL2020/050158

[87] 13.08.2020 WO2020/161724

[30] 10.02.2019 IL,264768

[54] ANTI-MATRIX METALLOPROTEINASE 7 (MMP-7) INHIBITORY ANTIBODY  
AND USES THEREOF  
抗基質金屬蛋白酶 7 (MMP-7) 抑制性抗體及其用途

[71] Yeda Research and Development Co. Ltd.  
at the Weizmann Institute of Science, P.O. Box 95  
7610002 Rehovot  
ISRAEL

[72] SAGI, Irit  
MOHAN, Vishnu

[74] UNION PATENT SERVICE CENTRE  
Units E-F, 20th Floor, Neich Tower

128 Gloucester Road  
HONG KONG

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|------|----------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 39/00<br>G01N 33/68<br>A61K 31/00<br>A61K 41/00                                                                                         | [11] | 40061603<br>EP3946438 A1 |
|      |                                                                                                                                              | [13] | A                        |
| [25] | EN                                                                                                                                           |      |                          |
| [21] | 62022049635.5                                                                                                                                | [22] | 09.03.2022               |
| [86] | 25.03.2020 PCT/US2020/024726                                                                                                                 |      |                          |
| [87] | 01.10.2020 WO2020/198366                                                                                                                     |      |                          |
| [30] | 25.03.2019 US, 62/823,446                                                                                                                    |      |                          |
| [54] | MULTI-RESPIRATORY VIRUS ANTIGEN-SPECIFIC T CELLS AND METHODS OF MAKING AND USING THE SAME THERAPEUTICALLY<br>多呼吸道病毒抗原特異性 T 細胞及其製備方法和治療上的使用方法 |      |                          |
| [71] | BAYLOR COLLEGE OF MEDICINE<br>ONE BAYLOR PLAZA, HOUSTON, TX 77030<br>UNITED STATES OF AMERICA                                                |      |                          |
| [72] | LEEN, ANN MARIE<br>VERA VALDES, JUAN FERNANDO                                                                                                |      |                          |
| [74] | GLOBAL IP AGENT COMPANY LIMITED<br>9/F., GOODWILL INDUSTRIAL BUILDING<br>36-44 PAK TIN PAR STREET, TSUEN WAN<br>HONG KONG                    |      |                          |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 39/00<br>A61K 35/17 | [11] | 40061606<br>CN113412117 A |
|      |                          | [13] | A                         |

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| [51] | A61K 39/00<br>A61P 37/06<br>A61K 39/39<br>C12N 9/02<br>A61P 37/02                                             | [11] | 40061645<br>EP3969039 A1 |
|      |                                                                                                               | [13] | A                        |
| [25] | EN                                                                                                            |      |                          |
| [21] | 62022050775.5                                                                                                 | [22] | 29.03.2022               |
| [86] | 18.05.2020 PCT/EP2020/063860                                                                                  |      |                          |
| [87] | 19.11.2020 WO2020/229703                                                                                      |      |                          |
| [30] | 16.05.2019 EP, 19174917.5                                                                                     |      |                          |
| [54] | IMMUNOGENIC PEPTIDES WITH AN OXIDOREDUCTASE MOTIF COMPRISING A MODIFIED CYSTEINE<br>具有包含經修飾半胱氨酸的氧化還原酶基序的免疫原性肽 |      |                          |

[71] Imcyse SA  
Avenue Pré-Aily 14  
4031 Angleur (Liège)  
BELGIUM

[72] ERAK, Milos

[74] VIVIEN CHAN & CO  
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25 Harbour Road, Wanchai  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/00 | [11] | 40061649     |
|      | A61P 35/00 |      | EP3886989 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61K 39/00 | [11] | 40061688      |
|      | A61P 35/00 |      | CN113905757 A |
|      | A61P 35/02 |      |               |
|      | C07K 19/00 |      |               |
|      |            | [13] | A             |

[25] JA

[21] 62022051281.3 [22] 07.04.2022

[86] 05.06.2020 PCT/JP2020/022218

[87] 10.12.2020 WO2020/246563

[30] 05.06.2019 JP,2019-105761

[54] ANTIBODY CLEAVAGE SITE-BINDING MOLECULE  
抗體切割位點結合分子

[71] CHUGAI SEIYAKU KABUSHIKI KAISHA  
中外製藥株式會社  
5-1, Ukima 5-chome  
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YAMAGUCHI UNIVERSITY

國立大學法人山口大學

1677-1, Yoshida, Yamaguchi-shi

Yamaguchi 753-8511

JAPAN

[72] SAKURAI, Mika 櫻井實香  
IGAWA, Tomoyuki 井川智之  
KOMORI, Yasunori 小森靖則  
TAMADA, Koji 玉田耕治  
SAKODA, Yukimi 佐古田幸美

[74] MARKS & CLERK  
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HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 39/09 | [11] | 40061555      |
|      | C12P 19/04 |      | CN113728109 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 39/187 | [11] | 40061541      |
|      | C12N 5/10   |      | CN113677792 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61K 39/215 | [11] | 40061483      |
|      | A61K 9/51   |      | CN113521268 A |
|      | A61P 31/14  |      |               |
|      | B82Y 5/00   |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42022051062.2 [22] 01.04.2022

[30] 22.04.2020 EP, PCT/EP2020/061239  
18.06.2020 EP, PCT/EP2020/066968  
26.06.2020 EP, PCT/EP2020/068174  
13.07.2020 EP, PCT/EP2020/069805  
31.07.2020 EP, PCT/EP2020/071733  
03.08.2020 EP, PCT/EP2020/071839  
24.08.2020 EP, PCT/EP2020/073668  
09.11.2020 EP, PCT/EP2020/081544  
12.11.2020 EP, PCT/EP2020/081981  
18.11.2020 EP, PCT/EP2020/082601  
20.11.2020 EP, PCT/EP2020/082989  
25.11.2020 EP, PCT/EP2020/083435  
02.12.2020 EP, PCT/EP2020/084342  
08.12.2020 EP, PCT/EP2020/085145  
10.12.2020 EP, PCT/EP2020/085653  
23.12.2020 EP, PCT/EP2020/087844  
04.01.2021 EP, PCT/EP2021/050027  
15.01.2021 EP, PCT/EP2021/050874  
15.01.2021 EP, PCT/EP2021/050875  
26.01.2021 EP, PCT/EP2021/051772  
03.02.2021 EP, PCT/EP2021/052572  
04.02.2021 EP, PCT/EP2021/052716  
24.02.2021 EP, PCT/EP2021/054622

[54] CORONAVIRUS VACCINE  
冠狀病毒疫苗

[71] BIONTECH SE  
生物技术欧洲股份公司  
An der Goldgrube 12  
55131 Mainz  
GERMANY

- [72] Ugur SAHIN U·沙欣  
Alptekin GUELER A·居勒  
Andreas KUHN A·库恩  
Alexander MUIK A·穆伊克  
Annette VOGEL A·福格尔  
Kerstin WALZER K·瓦尔策  
Sonja WITZEL S·威策尔  
Stephanie HEIN S·海因  
Oezlem TUERECI O·蒂雷西
- [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 39/215 [11] 40061489  
A61K 48/00 CN113521269 A  
A61K 31/7105  
A61K 9/51  
A61K 47/18  
A61K 47/28  
A61K 47/24  
A61K 47/10  
A61P 31/14  
C12N 15/50  
C07K 14/165

[13] A

[25] ZH

[21] 42022051074.7

[22] 01.04.2022

- [30] 22.04.2020 EP, PCT/EP2020/061239  
18.06.2020 EP, PCT/EP2020/066968  
26.06.2020 EP, PCT/EP2020/068174  
13.07.2020 EP, PCT/EP2020/069805  
31.07.2020 EP, PCT/EP2020/071733  
03.08.2020 EP, PCT/EP2020/071839  
24.08.2020 EP, PCT/EP2020/073668  
09.11.2020 EP, PCT/EP2020/081544  
12.11.2020 EP, PCT/EP2020/081981  
18.11.2020 EP, PCT/EP2020/082601  
20.11.2020 EP, PCT/EP2020/082989  
25.11.2020 EP, PCT/EP2020/083435  
02.12.2020 EP, PCT/EP2020/084342  
08.12.2020 EP, PCT/EP2020/085145  
10.12.2020 EP, PCT/EP2020/085653  
23.12.2020 EP, PCT/EP2020/087844  
04.01.2021 EP, PCT/EP2021/050027  
15.01.2021 EP, PCT/EP2021/050874  
15.01.2021 EP, PCT/EP2021/050875  
26.01.2021 EP, PCT/EP2021/051772  
03.02.2021 EP, PCT/EP2021/052572

04.02.2021 EP, PCT/EP2021/052716  
24.02.2021 EP, PCT/EP2021/054622

[54] CORONAVIRUS VACCINE  
冠狀病毒疫苗

[71] BIONTECH SE  
生物技术欧洲股份公司  
An der Goldgrube 12  
55131 Mainz  
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[72] Ugur SAHIN U·沙欣  
Alptekin GUELER A·居勒  
Andreas KUHN A·库恩  
Alexander MUIK A·穆伊克  
Annette VOGEL A·福格尔  
Kerstin WALZER K·瓦尔策  
Sonja WITZEL S·威策尔  
Stephanie HEIN S·海因  
Oezlem TUERECI O·蒂雷西

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
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No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
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|------|-------------|------|--------------|
| [51] | A61K 39/215 | [11] | 40061535     |
|      | C12N 15/11  |      | EP3901261 A1 |
|      |             | [13] | A            |

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| [51] | A61K 39/215 | [11] | 40061540     |
|      | C12N 15/11  |      | EP3901260 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/39 | [11] | 40061645     |
|      | A61K 39/00 |      | EP3969039 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40061426     |
|      | C07K 16/30  |      | EP3868405 A1 |
|      | A61K 45/06  |      |              |
|      | G01N 33/574 |      |              |
|      | A61K 39/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 42022048452.1 [22] 18.02.2022

- [30] 04.06.2014 US,201462007874 P
- [54] HUMAN MONOCLONAL ANTIBODIES TO GANGLIOSIDE GD2  
抗神經節苷脂 GD2 的人單克隆抗體
- [71] BIONTECH RESEARCH AND DEVELOPMENT, INC.  
228 E 45th Street, St. 9e  
New York, NY 10017  
UNITED STATES OF AMERICA
- [72] SCHOLZ, Wolfgang  
SAWADA, Ritsuko
- [74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG
- 
- [51] A61K 39/395 [11] 40061458  
A61K 47/68 CN113599534 A  
[13] A
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- [51] A61K 39/395 [11] 40061499  
C07K 16/28 CN114085288 A  
[13] A
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- [51] A61K 39/395 [11] 40061501  
A61K 31/5377 EP3888659 A1  
[13] A
- 
- [51] A61K 39/395 [11] 40061514  
C07K 16/40 CN113698487 A  
[13] A
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- [51] A61K 39/395 [11] 40061520  
C07K 16/24 EP3912640 A1  
A61K 31/519  
[13] A
- [25] EN
- [21] 42022051249.5 [22] 11.12.2019
- [30] 05.11.2010 US,61/410,533
- [62] 11.12.2019 19133422.6
- [54] PHARMACEUTICAL COMPOSITIONS COMPRISING SECUKINUMAB  
包含 SECUKINUMAB 的藥物組合物



[71] Novartis AG  
Lichtstrasse 35  
4056 Basel  
SWITZERLAND

[72] MPOFU, Shepard  
RICHARDS, Hanno  
THANGAVELU, Karthinathan  
MACHACEK, Matthias

[74] SFKS CK KWONG, SOLICITORS  
17th Floor, Chu Kong Shipping Tower  
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[51] A61K 39/395 [11] 40061534  
A61P 35/00 CN113694193 A  
[13] A

[25] ZH

[21] 42022051364.2 [22] 08.04.2022

[30] 13.11.2014 US, 62/079 , 357  
10.07.2015 US, 62/190 , 977

[54] CHECKPOINT BLOCKADE AND MICROSATELLITE INSTABILITY  
檢查點阻斷和微衛星不穩定性

[71] THE JOHNS HOPKINS UNIVERSITY  
约翰·霍普金斯大学  
3400 N Charles Street, Baltimore, Maryland 21218  
UNITED STATES OF AMERICA

[72] DIAZ, Luis L·迪亚斯  
VOGELSTEIN, Bert B·沃格尔斯坦  
KINZLER, Kenneth W. K·W·凯泽  
PAPADOPOULOS, Nickolas N·帕帕佐普洛斯  
LE, Dung D·勒

[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] A61K 39/395 [11] 40061589  
C07K 16/18 CN113423732 A  
[13] A

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[51] A61K 39/395 [11] 40061663  
A61K 31/407 EP3886842 A1  
[13] A

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[51] A61K 39/395 [11] 40061669  
C07K 16/00 EP3886903 A1  
C07K 16/18  
C07K 16/46  
C07K 19/00  
C12N 15/09

[13] A

[25] EN

[21] 62022051144.3 [22] 04.04.2022

[86] 27.11.2019 PCT/US2019/063691

[87] 04.06.2020 WO2020/113063

[30] 30.11.2018 US, 62/774,025

14.12.2018 US, 62/780,092

[54] SINGLE DOMAIN ANTIBODIES AGAINST CLL-1  
針對 CLL-1 的單結構域抗體

[71] Aleta Biotherapeutics Inc.  
27 Strathmore Road  
Natick, Massachusetts 01760  
UNITED STATES OF AMERICA

[72] LOBB, Roy  
RENNERT, Paul

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

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[51] A61K 39/395 [11] 40061680  
C07K 16/24 EP3914618 A1  
[13] A

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[51] A61K 39/395 [11] 40061684  
A61P 35/00 CN114007643 A  
C12N 5/10  
C12N 1/15  
C12N 1/19  
C12N 1/21  
C12N 15/13  
C12N 15/62  
C12N 15/63  
A61K 38/16  
A61K 35/17

[13] A

[25] JA

[21] 62022051275.5 [22] 07.04.2022

[86] 17.04.2020 PCT/JP2020/016915

[87] 22.10.2020 WO2020/213724

- [30] 19.04.2019 JP,2019-080566
- [54] CHIMERIC RECEPTOR RECOGNIZING MODIFICATION SITE OF ANTIBODY  
識別抗體改變部位的嵌合受體
- [71] CHUGAI SEIYAKU KABUSHIKI KAISHA  
中外製藥株式會社  
5-1, Ukima 5-chome, Kita-ku  
Tokyo 115-8543  
JAPAN
- YAMAGUCHI UNIVERSITY  
國立大學法人山口大學  
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Yamaguchi 753-8511  
JAPAN
- [72] SAKURAI, Mika 櫻井實香  
IGAWA, Tomoyuki 井川智之  
TAMADA, Koji 玉田耕治  
SAKODA, Yukimi 佐古田幸美
- [74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG
- 
- [51] A61K 39/395 [11] 40061690  
C07K 16/08 EP3898668 A2  
[13] A
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- [51] A61K 39/395 [11] 40061708  
A61K 31/517 EP3897650 A1  
[13] A
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- [51] A61K 39/395 [11] 40061743  
A61K 9/08 EP3890778 A1  
A61K 9/19  
C07K 16/28  
[13] A
- [25] EN
- [21] 62022051428.0 [22] 08.04.2022
- [86] 15.10.2019 PCT/US2019/056214
- [87] 11.06.2020 WO2020/117373
- [30] 03.12.2018 US,62/774 ,819
- [54] PHARMACEUTICAL COMPOSITIONS COMPRISING ANTI-191P4D12 ANTIBODY  
DRUG CONJUGATES AND METHODS OF USE THEREOF  
包含抗 191P4D12 抗體藥物偶聯物的藥物組合物及其使用方法

- [71] Agensys, Inc.  
艾更斯司股份有限公司  
1800 Stewart Street  
Santa Monica, CA 90404  
UNITED STATES OF AMERICA
- Seagen Inc.  
西進公司  
21823 30th Drive, S.E.  
Bothell, WA 98021  
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- [72] MCGARVEY, Orla O·麥伽維  
RATNASWAMY, Gayathri G·萊特納斯瓦彌  
SUN, Yingqing 孫迎慶  
VAN SCHRAVENDIJK, Marie Rose M·R·範施拉凡迪克
- [74] JONES DAY  
31st Floor, Edinburgh Tower, The Landmark  
15 Queen's Road Central  
HONG KONG

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| [51] | A61K 39/395 | [11] | 40061757     |
|      | C07K 16/28  |      | EP3898685 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61K 41/00 | [11] | 40061603     |
|      | A61K 39/00 |      | EP3946438 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61K 45/00  | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 45/06  | [11] | 40061426     |
|      | A61K 39/395 |      | EP3868405 A1 |
|      |             | [13] | A            |

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|      |            | [13] | A            |

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|      | A61K 9/08  |      | EP3866763 A1 |
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|      | A61K 9/00  |      | EP3930683 A1 |
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|      | A61K 31/519 |      | CN113966219 A |
|      |             | [13] | A             |

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|      | A61K 31/519 |      | CN113966219 A |
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|      | A61K 31/568 |      | EP3893885 A1 |
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|      |             | [13] | A             |

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|      | C07C 229/16 |      | CN114044741 A |
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|      |             | [13] | A             |

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|      |             | [13] | A             |

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|      | A61K 31/519 |      | CN113966219 A |
|      |             | [13] | A             |

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|      |             | [13] | A            |

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FIBERS  
用於合成改進的絲纖維的方法和組合物  
[71] Bolt Threads, Inc.  
5858 Horton Street Suite 400  
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A61P 43/00  
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- [54] SALIVARY GLAND REGENERATION  
唾液腺再生
- [71] The Regents of the University of California  
1111 Franklin Street, 12th Floor  
Oakland, CA 94607  
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Cleveland, Ohio 44106  
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- [72] BAHNEY, Chelsea S.  
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ALSBERG, Eben  
JEON, Oju
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|------|-------------|------|--------------|
| [51] | A61K 47/44  | [11] | 40061660     |
|      | A61K 31/568 |      | EP3893885 A1 |
|      |             | [13] | A            |
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|      | A61K 31/519 |      | CN113966219 A |
|      |             | [13] | A             |
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|      | A61K 38/00 |      |              |
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[54] INSULIN CONJUGATES

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[72] MENDEZ PEREZ, Maria  
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BIALY, Laurent  
GUESSREGEN, Stefan  
WILL, Martin  
BOEHME, Thomas  
VILLAR GAREA, Ana  
KORN, Marcus Hermann  
BESENIUS, Melissa  
RIEDEL, Jens  
WERNER, Ulrich

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[54] BI-LIGAND DRUG CONJUGATE AND USE THEREOF  
雙配體藥物偶聯體及其用途

[71] COHERENT BIOPHARMA (SUZHOU), LIMITED  
同宜醫藥(蘇州)有限公司  
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215123 江蘇省蘇州市工業園區星湖街 218 號  
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LIU, Xiaodong 劉小棟  
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|      |            | [13] | A             |

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|      | A61K 47/54 |      | EP3903825 A1 |
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| [51] | A61K 47/68  | [11] | 40061458      |
|      | A61K 47/64  |      | CN113599534 A |
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|      | A61K 9/19   |      |               |
|      | A61K 31/337 |      |               |
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[54] CARRIER-ANTIBODY COMPOSITIONS AND  
METHODS OF MAKING AND USING THE SAME  
載體-抗體組合物及其製備和使用方法

[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH  
梅約醫學教育與研究基金會  
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A61P 35/00 EP3888691 A1  
[13] A
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- [21] 42022051070.5 [22] 01.04.2022
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CONTAINING THE LINKERS, METHODS OF MAKING AND USES SUCH  
CONJUGATES WITH THE LINKERS  
偶聯連接體，含有此連接體的細胞結合分子-藥物偶聯物及其製備和應用
- [71] Hangzhou Dac Biotech Co., Ltd.  
No. 260 Sixth Street, Building 12, Zhongzi Technology Park  
Hangzhou Economic & Technological Development Area, Hangzhou  
City, Zhejiang 310018  
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- [72] ZHAO, Yongxin Robert  
YANG, Qingliang  
HUANG, Yuanyuan  
GAI, Shun  
YE, Hangbo  
ZHAO, Linyao  
YANG, Chengyu  
GUO, Huihui  
ZHOU, Xiaomai  
XIE, Hongsheng  
ZHU, Haifeng  
XU, Yifang  
TONG, Qianqian  
JIA, Junxiang  
CAO, Minjun  
LI, Wenjun  
GAO, Shuihong  
GUO, Zhixiang  
BAI, Lu  
Li, Chen  
YANG, Yanlei  
WANG, Chunyan  
YE, Zhichang
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具有細胞內可切割鍵的免疫偶聯物  
[71] Immunomedics Inc.  
300 American Road  
Morris Plains, NJ 07950  
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[72] Serengulam GOVINDAN  
Sung-Ju MOON  
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[13] A

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[13] A

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用於核酸遞送的混合分解細胞穿透複合物
- [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY  
Office of Technology Licensing, 3000 El Camino Real, Building Five, Third Floor  
Palo Alto, CA 94306-1106  
UNITED STATES OF AMERICA
- [72] LEVY, Ronald  
HAABETH, Ole Audun, Werner  
FRANK, Matthew  
SALLETS, Adrienne  
BLAKE, Tim, R.  
WAYMOUTH, Robert, M.  
WENDER, Paul
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| [51] | A61K 48/00 | [11] | 40061610     |
|      | C12N 15/55 |      | EP3898981 A1 |
|      |            | [13] | A            |
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| [51] | A61K 49/00  | [11] | 40061464      |
|      | A61K 49/10  |      | CN113521314 A |
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|      | A61K 51/04  |      |               |
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|      | A61B 5/0275 |      |               |
|      | A61B 5/08   |      |               |
|      | A61B 5/318  |      |               |
|      | A61B 6/00   |      |               |
|      | A61B 6/03   |      |               |
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- [54] HSP90-TARGETED INFLAMMATION AND INFECTION IMAGING AND THERAPY  
HSP90-靶向炎症和感染成像及治療
- [71] MEMORIAL SLOAN KETTERING CANCER CENTER  
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- [72] DUNPHY, MARK 马克·邓菲  
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C07F 7/22  
A61K 51/04  
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[13] A

[25] EN

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[54] PREPARATIONS OF META-IODOBENZYLGUANIDINE AND PRECURSORS  
THEREOF  
間-碘苄基胍及其前體的製劑

[71] Molecular Insight Pharmaceuticals, Inc.  
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RAO, Machinani

[74] MARKS & CLERK  
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| [51] | A61K 51/04 | [11] | 40061461     |
|      | A61K 51/00 |      | EP3888694 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61K 51/04 | [11] | 40061464      |
|      | A61K 49/00 |      | CN113521314 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61K 51/04 | [11] | 40061659     |
|      | A61P 35/00 |      | EP3886920 A1 |
|      |            | [13] | A            |

[25] EN

[21] 62022050830.8 [22] 30.03.2022

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[54] NOVEL TUMOR ANTIGEN BINDING AGENTS AND USES THEREOF  
新型腫瘤抗原結合劑及其用途

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UMBRICHT, Christoph  
SCHIBLI, Roger  
ZHERNOSEKOV, Konstantin  
DEBERLE, Luisa Maria

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|------|-----------|------|---------------|
| [51] | A61K 8/36 | [11] | 40061548      |
|      | C11B 9/00 |      | CN113677783 A |
|      |           | [13] | A             |

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| [51] | A61K 8/365<br>C11B 9/00 | [11] | 40061548<br>CN113677783 A |
|      |                         | [13] | A                         |

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|------|-------------------------|------|---------------------------|
| [51] | A61K 8/368<br>C11B 9/00 | [11] | 40061548<br>CN113677783 A |
|      |                         | [13] | A                         |

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|------|------------------------|------|---------------------------|
| [51] | A61K 8/37<br>C11B 9/00 | [11] | 40061548<br>CN113677783 A |
|      |                        | [13] | A                         |

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|------|------------------------|------|---------------------------|
| [51] | A61K 8/44<br>C11B 9/00 | [11] | 40061548<br>CN113677783 A |
|      |                        | [13] | A                         |

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|------|------------------------|------|---------------------------|
| [51] | A61K 8/64<br>A44C 5/00 | [11] | 40061448<br>CN113679152 A |
|      |                        | [13] | A                         |

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| [51] | A61K 8/64<br>C07K 14/415 | [11] | 40061519<br>CN113512102 A |
|      |                          | [13] | A                         |

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| [51] | A61K 8/68<br>A44C 5/00 | [11] | 40061448<br>CN113679152 A |
|      |                        | [13] | A                         |

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|------|------------------------|------|---------------------------|
| [51] | A61K 8/73<br>A44C 5/00 | [11] | 40061448<br>CN113679152 A |
|      |                        | [13] | A                         |

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|      |                           | [13] | A                         |

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| [51] | A61K 8/9794 | [11] | 40061448      |
|      | A44C 5/00   |      | CN113679152 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 9/00   | [11] | 40061549     |
|      | A61K 31/557 |      | EP3866759 A1 |
|      | A61P 1/00   |      |              |
|      | A61P 1/16   |      |              |
|      | A61P 15/00  |      |              |
|      | A61P 17/00  |      |              |
|      | A61P 19/04  |      |              |
|      | A61P 25/28  |      |              |
|      | A61P 27/02  |      |              |
|      | A61P 27/06  |      |              |
|      | A61P 27/12  |      |              |
|      | A61P 29/00  |      |              |
|      | A61P 35/00  |      |              |
|      | A61P 35/02  |      |              |
|      | A61P 37/06  |      |              |
|      | A61P 43/00  |      |              |
|      | A61K 31/202 |      |              |

[13] A

[25] EN

[21] 62022048811.3 [22] 24.02.2022

[86] 18.10.2019 PCT/EP2019/078427

[87] 23.04.2020 WO2020/079250

[30] 18.10.2018 US, 62/747,539

[54] DGLA AND/OR 15-HETRE FOR TREATING INFLAMMATORY, FIBROTIC, AND PROLIFERATIVE CONDITIONS

用於治療炎性、纖維化和增生性病狀的 DGLA 和/或 15-HETRE

[71] DS Biopharma Limited  
Trintech Building  
South County Business Park  
Leopardstown  
Dublin, 18  
IRELAND

[72] CLIMAX, John  
COUGHLAN, David  
WEISSBACH, Markus  
HAMZA, Moayed

[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 9/00 [11] 40061553  
A61K 35/17 EP3883584 A1  
[13] A

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[51] A61K 9/00 [11] 40061580  
A61K 47/10 EP3930683 A1  
A61K 31/7088  
A61P 17/02  
[13] A

[25] EN

[21] 62022049530.8 [22] 08.03.2022

[86] 01.03.2020 PCT/US2020/020560

[87] 10.09.2020 WO2020/180751

[30] 01.03.2019 US,62/812,763

[54] COMPOSITIONS, METHODS, AND KITS FOR DELIVERY OF  
POLYRIBONUCLEOTIDES  
用於遞送多核糖核苷酸的組合物、方法和試劑盒

[71] FLAGSHIP PIONEERING INNOVATIONS VI, LLC  
55 CAMBRIDGE PARKWAY, 8TH FLOOR  
CAMBRIDGE, MA 02142  
UNITED STATES OF AMERICA

[72] KAHVEJIAN, AVAK  
PLUGIS, NICHOLAS MCCARTNEY  
DE BOER, ALEXANDRA SOPHIE  
CARMONA, ELLESE MARIE  
STEWART, MORAG HELEN  
HAJJAR, ROGER JOSEPH

[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] A61K 9/00 [11] 40061624  
A61K 31/496 EP3941470 A1  
[13] A

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[51] A61K 9/00 [11] 40061660  
A61K 31/568 EP3893885 A1  
[13] A

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[51] A61K 9/00 [11] 40061686  
A61K 9/107 EP3893847 A1  
[13] A

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|------|------------|------|--------------|
| [51] | A61K 9/00  | [11] | 40061740     |
|      | A61K 47/36 |      | EP3893933 A1 |
|      |            | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 9/06 | [11] | 40061561     |
|      | A61K 9/08 |      | EP3866763 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/08  | [11] | 40061561     |
|      | A61L 27/52 |      | EP3866763 A1 |
|      | A61K 47/02 |      |              |
|      | A61K 47/32 |      |              |
|      | A61K 9/06  |      |              |
|      |            | [13] | A            |

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[25] EN

[21] 62022048834.5 [22] 24.02.2022

[86] 18.10.2019 PCT/US2019/057009

[87] 23.04.2020 WO2020/081982

[30] 18.10.2018 US,62/747,490

[54] BIOINK FOR 3D DEPOSITION

用於 3D 沉積的生物墨水

[71] Regents of the University of Minnesota  
600 McNamara Alumni Center  
200 Oak St. SE, Minneapolis, MN 55455  
UNITED STATES OF AMERICA[72] OGLE, Brenda M.  
LIN, Wei-Han  
KUPFER, Molly E.  
BHUIYAN, Didarul[74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 9/08   | [11] | 40061643      |
|      | A61K 31/519 |      | CN113966219 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 9/08   | [11] | 40061743     |
|      | A61K 39/395 |      | EP3890778 A1 |
|      |             | [13] | A            |

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|      |                                                                                                                    |      |                          |
|------|--------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 9/107<br>A61K 9/00<br>A61K 47/69                                                                              | [11] | 40061686<br>EP3893847 A1 |
|      |                                                                                                                    | [13] | A                        |
| [25] | EN                                                                                                                 |      |                          |
| [21] | 62022051278.9                                                                                                      | [22] | 07.04.2022               |
| [86] | 10.12.2019 PCT/US2019/065539                                                                                       |      |                          |
| [87] | 18.06.2020 WO2020/123551                                                                                           |      |                          |
| [30] | 10.12.2018 US, 62/777,755<br>11.12.2018 US, 62/777,766                                                             |      |                          |
| [54] | STABLE FORMULATIONS OF ANESTHETICS AND ASSOCIATED DOSAGE FORMS<br>麻醉劑的穩定製劑和相關劑型                                    |      |                          |
| [71] | Halo Science LLC<br>29 Peregrine Drive, Morganville<br>New Jersey 07751<br>UNITED STATES OF AMERICA                |      |                          |
| [72] | YUAN, Xudong<br>HUI, Yu<br>ZHANG, Tian                                                                             |      |                          |
| [74] | UNITALEN ATTORNEYS AT LAW LIMITED<br>RM 1201, 12/F, GOLDEN ERA PLAZA<br>39-55 SAI YEE ST, MONGKOK KLN<br>HONG KONG |      |                          |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 9/14<br>C07K 14/415 | [11] | 40061519<br>CN113512102 A |
|      |                          | [13] | A                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | A61K 9/19<br>A61K 47/68 | [11] | 40061458<br>CN113599534 A |
|      |                         | [13] | A                         |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 9/19<br>A61K 39/395 | [11] | 40061743<br>EP3890778 A1 |
|      |                          | [13] | A                        |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 9/51<br>A61K 39/215 | [11] | 40061483<br>CN113521268 A |
|      |                          | [13] | A                         |

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[51] A61K 9/51 [11] 40061489  
A61K 39/215 CN113521269 A  
[13] A

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[51] A61K 9/51 [11] 40061529  
C07C 229/16 CN114044741 A  
[13] A

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[51] A61K 9/51 [11] 40061641  
B01F 11/02 EP3962464 A1  
B01J 19/10  
C08J 3/16  
[13] A

[25] EN

[21] 62022050697.1 [22] 28.03.2022

[86] 25.09.2020 PCT/EP2020/076853

[87] 08.04.2021 WO2021/063813

[30] 01.10.2019 EP,19200713.6

[54] PROCESS FOR PREPARING NANOPARTICLES IN THE FORM OF A POWDER  
COMPRISING A BIO-RESORBABLE POLYESTER  
製備包含生物可吸收聚酯的粉末形式的納米顆粒的方法

[71] Evonik Corporation  
299 Jefferson Road  
Parsippany, NJ 07054-0677  
UNITED STATES OF AMERICA

[72] FECHER, David  
OPERTI, Maria Camilla  
JABER, Rima  
ENGEL, Andrea  
GRIMM, Silko  
YANG, Min

[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] A61L 2/10 [11] 40061513  
A61L 2/26 CN114099728 A  
[13] A

[25] ZH

[21] 42022051217.2 [22] 06.04.2022

[30] 28.08.2020 KR,10-2020-0109160

- [54] STERILIZATION CASE  
殺菌盒
- [71] LG ELECTRONICS INC.  
LG 电子株式会社  
128, Yeoui-daero  
Yeongdeungpo-gu, Seoul, 07336  
REPUBLIC OF KOREA
- [72] Seongkyeol HONG 洪成洁  
Hyungho PARK 朴亨镐  
Wansu YOUN 尹完铉  
Hoon KIM 金勋  
Jieun CHOI 崔智恩
- [74] LUNG TIN PATENT TRADEMARK AGENT LIMITED  
FLAT 11 10/F KOWLOON PLAZA  
485 CASTLE PEAK ROAD CHEUNG SHA WAN  
HONG KONG
- 
- [51] A61L 2/26 [11] 40061513  
A61L 2/10 CN114099728 A  
[13] A
- 
- [51] A61L 27/16 [11] 40061547  
A61L 27/18 CN113329774 A  
A61L 27/38  
A61L 27/56  
[13] A
- [25] EN
- [21] 62022048806.3 [22] 24.02.2022
- [86] 04.10.2019 PCT/US2019/054694
- [87] 09.04.2020 WO2020/072903
- [30] 04.10.2018 US, 62/740,962  
05.10.2018 US, 62/741,544
- [54] METHOD AND DEVICE FOR IN VIVO BRONCHUS REGENERATION  
用於體內支氣管再生的方法和裝置
- [71] BIOSTAGE, INC.  
博奧司時代有限責任公司  
84 October Hill Road, Holliston, Massachusetts 01746  
UNITED STATES OF AMERICA
- [72] FODOR, William W·佛多爾  
MENG, Linghui 蒙靈輝  
SOLIMAN, Sherif S·索利曼  
HU, Shunfu 胡順福
- [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] | A61L 27/18 | [11] | 40061547      |
|      | A61L 27/16 |      | CN113329774 A |
|      |            | [13] | A             |

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|      |                                                                         |      |              |
|------|-------------------------------------------------------------------------|------|--------------|
| [51] | A61L 27/36                                                              | [11] | 40061626     |
|      |                                                                         |      | EP3880262 A1 |
|      |                                                                         | [13] | A            |
| [25] | EN                                                                      |      |              |
| [21] | 62022049668.6                                                           | [22] | 10.03.2022   |
| [86] | 15.11.2018 PCT/US2018/061309                                            |      |              |
| [87] | 22.05.2020 WO2020/101689                                                |      |              |
| [54] | MATERIALS AND METHODS FOR NERVE REPAIR WITH ANIMAL-SOURCED NERVE GRAFTS |      |              |
|      | 用動物源性神經移植植物進行神經修復的材料和方法                                                 |      |              |
| [71] | AxoGen Corporation                                                      |      |              |
|      | 13631 Progress Boulevard, Suite 400                                     |      |              |
|      | Alachua, Florida 32615                                                  |      |              |
|      | UNITED STATES OF AMERICA                                                |      |              |
| [72] | DUCIC, Ivica                                                            |      |              |
| [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] | A61L 27/38 | [11] | 40061547      |
|      | A61L 27/16 |      | CN113329774 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61L 27/52 | [11] | 40061561     |
|      | A61K 9/08  |      | EP3866763 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61L 27/52 | [11] | 40061740     |
|      | A61K 47/36 |      | EP3893933 A1 |
|      |            | [13] | A            |

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[51] A61L 27/56 [11] 40061547  
A61L 27/16 CN113329774 A  
[13] A

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[51] A61M 15/00 [11] 40061747  
B01L 3/00 EP3917601 A1  
[13] A

[25] EN

[21] 62022051436.3 [22] 09.04.2022

[86] 31.01.2020 PCT/GB2020/050232

[87] 06.08.2020 WO2020/157518

[30] 01.02.2019 GB,201901428

[54] STORAGE DEVICE

儲存裝置

[71] DNAE DIAGNOSTICS LIMITED  
Scale Space, 58 Wood Lane  
London W12 7RZ  
UNITED KINGDOM

[72] SPRINGER, Matthew  
TASSONE, John Luis  
CASTLE, Simeon Dominic  
PEARSON, Lee

[74] MELVIN LI INTELLECTUAL PROPERTY LIMITED  
Level 35, Two Pacific Place  
88 Queensway, Admiralty  
HONG KONG

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[51] A61M 5/142 [11] 40061587  
A61M 5/152 CN113825534 A  
A61B 17/42  
[13] A

[25] JA

[21] 62022049592.8 [22] 09.03.2022

[86] 07.05.2020 PCT/JP2020/018531

[87] 19.11.2020 WO2020/230689

[30] 14.05.2019 JP,2019-091104

[54] LIQUID MEDICINE SELF-INJECTION SYSTEM

藥液自助注入系統

[71] AUBEX CORPORATION  
奧貝庫斯株式會社  
31-11, Ryougoku 4-chome, Sumida-ku, Tokyo 1300026  
JAPAN  
日本

[72] KADOWAKI Yu 門脅優  
KAWAMURA Eri 河村榮里



[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] | A61M 5/142 | [11] | 40061694     |
|      | A61M 5/315 |      | EP3897786 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61M 5/152 | [11] | 40061587      |
|      | A61M 5/142 |      | CN113825534 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/172 | [11] | 40061694     |
|      | A61M 5/315 |      | EP3897786 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61M 5/178  | [11] | 40061485     |
|      | A61K 31/137 |      | EP3909570 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61M 5/178 | [11] | 40061651      |
|      | A61M 5/315 |      | CN114126684 A |
|      | A61M 5/32  |      |               |
|      | A61M 5/34  |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022050820.9 [22] 30.03.2022

[86] 24.06.2020 PCT/US2020/039464

[87] 30.12.2020 WO2020/264057

[30] 27.06.2019 US,62/867,815

22.06.2020 US,16/908,608

[54] ULTRA-LOW WASTE DISPOSABLE SAFETY SYRINGE FOR LOW DOSE  
INJECTIONS

用於低劑量注射的超低廢物一次性安全注射器

[71] SHARPS TECHNOLOGY, INC.  
One Penn Plaza, 36th Floor  
New York, New York 10119  
UNITED STATES OF AMERICA

[72] BERLER, Barry B. 巴里·B·贝勒

[74] INCOMPASS IP LIMITED  
Unit 205, 2/F, Building 19W  
19 Science Park West Avenue, Hong Kong Science Park, Pak Shek  
Kok  
HONG KONG

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[51] A61M 5/178 [11] 40061652  
A61M 5/32 CN114144213 A  
[13] A

[25] EN

[21] 62022050821.7 [22] 30.03.2022

[86] 24.06.2020 PCT/US2020/039454

[87] 30.12.2020 WO2020/264048

[30] 27.06.2019 US,62/867,811  
22.06.2020 US,16/908,584

[54] ULTRA-LOW WASTE DISPOSABLE SYRINGE WITH SELF-ADJUSTING  
INTEGRATED SAFETY FEATURES  
具有自調整集成安全功能的超低廢物一次性注射器

[71] SHARPS TECHNOLOGY, INC.  
One Penn Plaza, 36th Floor  
New York, NY 10119  
UNITED STATES OF AMERICA

[72] BERLER, Barry B. 巴里·B·贝勒  
BLACKMAN, Alan 艾伦·布莱克曼

[74] INCOMPASS IP LIMITED  
Unit 205, 2/F, Building 19W  
19 Science Park West Avenue, Hong Kong Science Park, Pak Shek  
Kok  
HONG KONG

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[51] A61M 5/20 [11] 40061650  
A61M 5/315 CN113474027 A  
[13] A

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[51] A61M 5/24 [11] 40061692  
A61M 5/28 EP3897783 A1  
A61M 5/315  
A61M 5/31  
[13] A

[25] EN

[21] 62022051286.2 [22] 07.04.2022

[86] 17.12.2019 PCT/EP2019/085629

[87] 25.06.2020 WO2020/127249

[30] 19.12.2018 EP,18306738.8

[54] PLASTIC PRIMARY PACK FOR INJECTION DEVICES  
用於注射裝置的塑料初級包裝

[71] SANOFI  
54 rue La Boétie, 75008 Paris  
FRANCE

[72] HELMER, Michael  
TOPOREK, Maurice

[74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG

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[51] A61M 5/24 [11] 40061693  
A61M 5/315 EP3897782 A1  
[13] A

[25] EN

[21] 62022051287.0 [22] 07.04.2022

[86] 16.12.2019 PCT/EP2019/085294

[87] 25.06.2020 WO2020/127006

[30] 18.12.2018 EP,18306710.7

[54] INJECTION DEVICE AND DETECTOR ARRANGEMENT  
注射裝置和檢測器組件

[71] SANOFI  
54 rue La Boétie, 75008 Paris  
FRANCE

[72] GAZELEY, Oliver Charles  
NEWMAN, Gavin  
O'HARE, Aidan Michael  
PLUMPTRE, David Aubrey  
VEASEY, Robert  
MASON, Craig Ashley  
MORRIS, Anthony Paul

[74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG

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[51] A61M 5/28 [11] 40061692  
A61M 5/24 EP3897783 A1  
[13] A

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[51] A61M 5/31 [11] 40061692  
A61M 5/24 EP3897783 A1  
[13] A

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[51] A61M 5/31 [11] 40061695  
A61M 5/315 EP3897785 A1  
[13] A

[25] EN

[21] 62022051289.6 [22] 07.04.2022

[86] 17.12.2019 PCT/EP2019/085540

[87] 25.06.2020 WO2020/127191

[30] 19.12.2018 EP,18306737.0

[54] OPTICAL CONFIGURATION OF A MEDICAMENT RESERVOIR OF A DRUG  
DELIVERY DEVICE  
藥物遞送裝置的藥劑儲器的光學配置

[71] SANOFI  
54 rue La Boétie, 75008 Paris  
FRANCE

[72] HELMER, Michael

[74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG

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[51] A61M 5/315 [11] 40061456  
EP3881879 A1  
[13] A

[25] EN

[21] 42022050184.5 [22] 17.03.2022

[30] 13.03.2013 EP,13159047

[54] ASSEMBLY FOR A DRUG DELIVERY DEVICE COMPRISING A FEEDBACK  
FEATURE  
用於藥物輸送裝置的包括反饋特徵部的組件

[71] Sanofi-Aventis Deutschland GmbH  
Brüningstrasse 50, 65929 Frankfurt am Main  
GERMANY

[72] Plumptre, David, Aubrey  
Rekaya, Naceur  
Draper, Paul, Richard  
Griffin, Paul  
Gilmore, Stephen, Francis

[74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG

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[51] A61M 5/315 [11] 40061457  
EP3881880 A1

[13] A

[25] EN

[21] 42022050185.2

[22] 17.03.2022

[30] 13.03.2013 EP,13159047

[54] ASSEMBLY FOR A DRUG DELIVERY DEVICE COMPRISING A FEEDBACK  
FEATURE

用於藥物輸送裝置的包括反饋特徵部的組件

[71] Sanofi-Aventis Deutschland GmbH  
Brüningstrasse 50, 65929 Frankfurt am Main  
GERMANY[72] Plumptre, David, Aubrey  
Rekaya, Naceur  
Draper, Paul, Richard  
Griffin, Paul  
Gilmore, Stephen, Francis[74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG[51] A61M 5/315 [11] 40061650  
A61M 5/20 CN113474027 A

[13] A

[25] EN

[21] 62022050818.3

[22] 30.03.2022

[86] 20.02.2020 PCT/EP2020/054431

[87] 27.08.2020 WO2020/169706

[30] 22.02.2019 EP,19158950.6

[54] INSULIN DELIVERY ARRANGEMENT AND METHOD FOR INSULIN DOSING  
胰島素輸送布置和用於胰島素給藥的方法[71] MYSUGR GMBH  
TRATTNERHOF 1/5 OG  
1010 WIEN  
AUSTRIA

[72] WREDE, Jan

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG[51] A61M 5/315 [11] 40061651  
A61M 5/178 CN114126684 A

[13] A

|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/315 | [11] | 40061692     |
|      | A61M 5/24  |      | EP3897783 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/315 | [11] | 40061693     |
|      | A61M 5/24  |      | EP3897782 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/315 | [11] | 40061694     |
|      | G16H 80/00 |      | EP3897786 A1 |
|      | G16H 40/60 |      |              |
|      | G16H 20/17 |      |              |
|      | A61M 5/142 |      |              |
|      | A61M 5/172 |      |              |
|      | H04B 7/24  |      |              |
|      | G16H 40/63 |      |              |
|      | G16H 40/67 |      |              |
|      |            | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022051288.8 | [22] | 07.04.2022 |
|------|---------------|------|------------|

[86] 17.12.2019 PCT/EP2019/085478

[87] 25.06.2020 WO2020/127139

[30] 19.12.2018 EP,18306739.6

[54] DRUG DELIVERY DEVICE AND DRUG DELIVERY SYSTEM  
藥物遞送裝置和藥物遞送系統

[71] SANOFI  
54 rue La Boétie, 75008 Paris  
FRANCE

[72] KÜHN, Bernd

[74] KWAN, WONG & PARTNERS  
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88 Gloucester Road, Wanchai  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 5/315 | [11] | 40061695     |
|      | A61M 5/31  |      | EP3897785 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61M 5/32  | [11] | 40061651      |
|      | A61M 5/178 |      | CN114126684 A |
|      |            | [13] | A             |

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[51] A61M 5/32 [11] 40061652  
A61M 5/178 CN114144213 A  
[13] A

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[51] A61M 5/34 [11] 40061651  
A61M 5/178 CN114126684 A  
[13] A

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[51] A61N 1/00 [11] 40061756  
A61N 1/04 EP3962577 A1  
G16H 20/30  
G16H 50/50  
[13] A

[25] EN

[21] 62022051450.4 [22] 11.04.2022

[86] 05.05.2020 PCT/IB2020/000345

[87] 12.11.2020 WO2020/225599

[30] 03.05.2019 US,201962842674P  
04.05.2020 US,202016866417

[54] METHODS, SYSTEMS, AND APPARATUSES FOR MANAGING TRANSDUCER  
ARRAY PLACEMENT  
用於管理換能器陣列的放置的方法、系統和設備

[71] NOVOCURE GMBH  
PARK 6  
CH-6039 ROOT D4  
SWITZERLAND

[72] HERSHKOVICH, Hadas, Sara  
KOOK, Ori  
ZIGLEMAN, Gil  
BOMZON, Zeev  
LUK-ZILBERMAN, Shira  
BAKALO, Oren Ben Zion

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

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[51] A61N 1/04 [11] 40061756  
A61N 1/00 EP3962577 A1  
[13] A

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[51] A61N 7/00 [11] 40061579  
A61B 17/22 EP3886737 A1

[13] A

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|------|-------------|------|---------------|
| [51] | A61P 1/00   | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 1/00   | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 1/00  | [11] | 40061516     |
|      | A23C 9/152 |      | EP3892101 A2 |
|      |            | [13] | A            |

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|------|-----------|------|--------------|
| [51] | A61P 1/00 | [11] | 40061549     |
|      | A61K 9/00 |      | EP3866759 A1 |
|      |           | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61P 1/00  | [11] | 40061584     |
|      | A61K 35/74 |      | EP3876967 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 1/16   | [11] | 40061440      |
|      | C12N 15/113 |      | CN113430196 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 1/16   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-----------|------|--------------|
| [51] | A61P 1/16 | [11] | 40061549     |
|      | A61K 9/00 |      | EP3866759 A1 |
|      |           | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61P 1/16  | [11] | 40061751      |
|      | C12N 15/86 |      | CN113518824 A |



[13] A

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|------|---------------------------|------|---------------------------|
| [51] | A61P 11/00<br>C07D 487/04 | [11] | 40061484<br>CN114075199 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 11/00<br>C07C 229/16 | [11] | 40061529<br>CN114044741 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 11/00<br>C07D 417/12 | [11] | 40061563<br>CN114072399 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 11/00<br>C07D 487/04 | [11] | 40061670<br>CN113490668 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 11/06<br>C07D 487/04 | [11] | 40061484<br>CN114075199 A |
|      |                           | [13] | A                         |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 11/06<br>A61K 38/17 | [11] | 40061711<br>EP3946415 A1 |
|      |                          | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 13/10<br>A61K 31/137 | [11] | 40061485<br>EP3909570 A1 |
|      |                           | [13] | A                        |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 13/12<br>C07D 471/04 | [11] | 40061515<br>CN113480534 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 13/12<br>C07C 229/16 | [11] | 40061529<br>CN114044741 A |
|------|---------------------------|------|---------------------------|

[13] A

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|------|------------|------|--------------|
| [51] | A61P 15/00 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 17/00  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 17/00 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61P 17/00 | [11] | 40061681     |
|      | A61K 31/16 |      | EP3908271 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 17/02  | [11] | 40061519      |
|      | C07K 14/415 |      | CN113512102 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 17/02 | [11] | 40061580     |
|      | A61K 9/00  |      | EP3930683 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 17/04  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 17/06 | [11] | 40061680     |
|      | C07K 16/24 |      | EP3914618 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 17/14 | [11] | 40061724      |
|      | A61K 36/28 |      | CN114206363 A |

[13] A

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 17/18<br>C07K 14/415 | [11] | 40061519<br>CN113512102 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 19/02<br>C07D 487/04 | [11] | 40061484<br>CN114075199 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 19/02<br>C07D 237/14 | [11] | 40061653<br>EP3969441 A1 |
|      |                           | [13] | A                        |

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|------|-------------------------|------|--------------------------|
| [51] | A61P 19/04<br>A61K 9/00 | [11] | 40061549<br>EP3866759 A1 |
|      |                         | [13] | A                        |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 19/06<br>C07D 471/04 | [11] | 40061515<br>CN113480534 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 19/10<br>C07D 471/04 | [11] | 40061515<br>CN113480534 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 21/00<br>A61K 31/519 | [11] | 40061643<br>CN113966219 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 25/00<br>A61K 31/496 | [11] | 40061449<br>CN113413387 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 25/00<br>C07D 471/04 | [11] | 40061515<br>CN113480534 A |
|------|---------------------------|------|---------------------------|

[13] A

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[51] A61P 25/00 [11] 40061557  
C07D 487/04 EP3924050 A1  
A61K 31/519

[13] A

[25] EN

[21] 62022048826.1 [22] 24.02.2022

[86] 10.02.2020 PCT/US2020/017423

[87] 20.08.2020 WO2020/167624

[30] 13.02.2019 US, 62/805,281

[54] PYRROLO[2,3-D]PYRIMIDINE COMPOUNDS FOR TREATING FAMILIAL  
DYSAUTONOMIA  
用於治療家族性自主神經功能障礙的吡咯並[2,3-D]嘧啶化合物

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[72] WANG, Jiashi  
ARNOLD, Michael, A.  
DAKKA, Amal  
KARP, Gary, Mitchell  
NARASIMHAN, Jana  
NARYSHKIN, Nikolai, A.  
ZHANG, Nanjing

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[51] A61P 25/00 [11] 40061559  
C07D 495/04 EP3924049 A1  
A61K 31/4365

[13] A

[25] EN

[21] 62022048829.5 [22] 24.02.2022

[86] 10.02.2020 PCT/US2020/017430

[87] 20.08.2020 WO2020/167628

[30] 13.02.2019 US, 62/805,283

[54] THIOENO[3,2-B] PYRIDIN-7-AMINE COMPOUNDS FOR TREATING  
FAMILIAL DYSAUTONOMIA  
用於治療家族性自主神經功能障礙的噻吩並[3,2-B]吡啶-7-胺化合物

[71] PTC Therapeutics, Inc.  
100 Corporate Court, South Plainfield, NJ 07080  
UNITED STATES OF AMERICA

[72] ZHANG, Nanjing  
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DAKKA, Amal  
KARP, Gary, Mitchell  
LUONG, Tom, Tuan  
NARASIMHAN, Jana  
NARYSHKIN, Nikolai, A.  
WANG, Jiashi  
ZHANG, Xiaoyan

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 25/00 | [11] | 40061745      |
|      | A61K 31/22 |      | CN113710243 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/02  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 25/04  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 25/06  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/08  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/08  | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/16  | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61P 25/18  | [11] | 40061624     |
|      | A61K 31/496 |      | EP3941470 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 25/28  | [11] | 40061428     |
|      | C07D 487/04 |      | EP3872080 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 25/28  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 25/28  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/28  | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/28  | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/28 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/28  | [11] | 40061563      |
|      | C07D 417/12 |      | CN114072399 A |
|      |             | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61P 25/28   | [11] | 40061674     |
|      | A61K 31/7115 |      | EP3890752 A1 |
|      |              | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 27/02  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 27/02  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 27/02  | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 27/02 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61P 27/06 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 27/12 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40061440      |
|      | C12N 15/113 |      | CN113430196 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40061449      |
|      | A61K 31/496 |      | CN113413387 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40061546      |
|      | C07D 231/56 |      | CN113454068 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 29/00 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61P 29/00  | [11] | 40061552     |
|      | C07D 471/04 |      | EP3873900 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61P 29/00 | [11] | 40061584     |
|      | A61K 35/74 |      | EP3876967 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40061722      |
|      | C07D 403/14 |      | CN114174285 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 3/00   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 3/00   | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 3/04   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 3/06   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 3/10   | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 3/10   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 3/10   | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61P 3/10   | [11] | 40061653     |
|      | C07D 237/14 |      | EP3969441 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 31/00 | [11] | 40061553     |
|      | A61K 35/17 |      | EP3883584 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/00  | [11] | 40061722      |
|      | C07D 403/14 |      | CN114174285 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/14  | [11] | 40061483      |
|      | A61K 39/215 |      | CN113521268 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/14  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/14  | [11] | 40061489      |
|      | A61K 39/215 |      | CN113521269 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/14 | [11] | 40061514      |
|      | C07K 16/40 |      | CN113698487 A |
|      |            | [13] | A             |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A61P 31/14<br>C07C 229/16 | [11] | 40061529<br>CN114044741 A |
|      |                           | [13] | A                         |

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|------|-------------------------|------|---------------------------|
| [51] | A61P 31/14<br>C12N 5/10 | [11] | 40061541<br>CN113677792 A |
|      |                         | [13] | A                         |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 31/14<br>C07K 16/08 | [11] | 40061690<br>EP3898668 A2 |
|      |                          | [13] | A                        |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 31/16<br>C07D 487/04 | [11] | 40061484<br>CN114075199 A |
|      |                           | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | A61P 31/16<br>C07K 16/08 | [11] | 40061503<br>CN113480640 A |
|      |                          | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 31/16<br>C07C 229/16 | [11] | 40061529<br>CN114044741 A |
|      |                           | [13] | A                         |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 31/18<br>C07D 403/12 | [11] | 40061494<br>EP3909949 A1 |
|      |                           | [13] | A                        |

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|------|---------------------------|------|---------------------------|
| [51] | A61P 31/18<br>C07C 229/16 | [11] | 40061529<br>CN114044741 A |
|      |                           | [13] | A                         |

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|------|----------------------------------------------------------------------|------|--------------------------|
| [51] | A61P 31/18<br>A61P 31/20<br>A61P 35/00<br>C07D 471/04<br>C07D 519/00 | [11] | 40061567<br>EP3873608 A1 |
|------|----------------------------------------------------------------------|------|--------------------------|

A61K 31/444  
A61K 31/4545

[13] A

[25] EN

[21] 62022048848.5 [22] 24.02.2022

[86] 30.10.2019 PCT/US2019/058813

[87] 07.05.2020 WO2020/092528

[30] 31.10.2018 US, 62/753,355

[54] SUBSTITUTED 6-AZABENZIMIDAZOLE COMPOUNDS HAVING HPK1  
INHIBITORY ACTIVITY

具有 HPK1 抑制活性的取代的 6-氮雜苯並咪唑化合物

[71] GILEAD SCIENCES, INC.  
333 Lakeside Drive Foster City  
California 94404  
UNITED STATES OF AMERICA

[72] BALAN, Gayatri  
BARTLETT, Mark J.  
CHANDRASEKHAR, Jayaraman  
CODELLI, Julian A.  
CONWAY, John H.  
COSMAN, Jennifer L.  
KALLA, Rao V.  
KIM, Musong  
LEE, Seung H.  
LO, Jennifer R.  
LOYER-DREW, Jennifer A.  
MITCHELL, Scott A.  
PERRY, Thao D.  
PHILLIPS, Gary B.  
SALVO, Patrick J.  
VAN VELDHUIZEN, Joshua J.  
YEUNG, Suet C.  
ZABLOCKI, Jeff

[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] A61P 31/18 [11] 40061663  
A61K 31/407 EP3886842 A1  
[13] A

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[51] A61P 31/20 [11] 40061440  
C12N 15/113 CN113430196 A  
[13] A

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|------|------------|------|--------------|
| [51] | A61P 31/20 | [11] | 40061567     |
|      | A61P 31/18 |      | EP3873608 A1 |
|      |            | [13] | A            |

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|------|-------------|------|-------------|
| [51] | A61P 31/20  | [11] | 40061578    |
|      | C07D 471/04 |      | CN113767098 |
|      |             | [13] | A           |

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|------|------------|------|--------------|
| [51] | A61P 31/20 | [11] | 40061690     |
|      | C07K 16/08 |      | EP3898668 A2 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/22  | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 31/22  | [11] | 40061533     |
|      | C07D 417/12 |      | EP3892620 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061440      |
|      | C12N 15/113 |      | CN113430196 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40061458      |
|      | A61K 47/68 |      | CN113599534 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061461     |
|      | A61K 51/00 |      | EP3888694 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061465     |
|      | A61K 31/198 |      | EP3967303 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061487     |
|      | A61K 47/68 |      | EP3888691 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061495     |
|      | A61K 47/68 |      | EP3912643 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40061499      |
|      | C07K 16/28 |      | CN114085288 A |
|      |            | [13] | A             |

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|------|--------------|------|--------------|
| [51] | A61P 35/00   | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061519      |
|      | C07K 14/415 |      | CN113512102 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061534      |
|      | A61K 39/395 |      | CN113694193 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061556     |
|      | C07D 417/14 |      | EP3870580 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061567     |
|      | A61P 31/18 |      | EP3873608 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061574     |
|      | C07D 471/04 |      | EP3873903 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40061589      |
|      | C07K 16/18 |      | CN113423732 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061602      |
|      | C07D 471/04 |      | CN113574057 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061612     |
|      | C07D 231/56 |      | EP3956315 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061639      |
|      | A61K 31/416 |      | CN114025755 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061649     |
|      | A61P 35/17  |      | EP3886989 A1 |
|      | C07K 14/725 |      |              |
|      | C07K 16/28  |      |              |
|      | C12B 5/0783 |      |              |
|      | A61K 39/00  |      |              |

[13] A

[25] EN

[21] 62022050808.4 [22] 29.03.2022

[86] 26.11.2019 PCT/US2019/063282

[87] 04.06.2020 WO2020/112796

[30] 01.12.2018 US,US201862774209P

10.03.2019 US,US201962816187P

06.11.2019 US,US201962931487P

[54] CHIMERIC ANTIGEN RECEPTORS TARGETING B-CELL MATURATION  
ANTIGEN AND METHODS OF USE THEREOF

嵌合抗原受體靶向 B 細胞成熟抗原及其使用方法

[71] Allogene Therapeutics, Inc.  
210 E. Grand Avenue  
South San Francisco, California 94080  
UNITED STATES OF AMERICA[72] CHANG, David  
BALAKUMARAN, Arun  
KONTO, Cyril Alkis[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061653     |
|      | C07D 237/14 |      | EP3969441 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061659     |
|      | A61K 51/04 |      | EP3886920 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061666     |
|      | C12Q 1/6886 |      | EP3950961 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061667     |
|      | A61K 35/17 |      | EP3886878 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061677     |
|      | C07D 487/04 |      | EP3902804 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061678     |
|      | C07D 487/04 |      | EP3902803 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40061688      |
|      | A61K 39/00 |      | CN113905757 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061697     |
|      | C07K 16/28 |      | EP3976652 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40061701      |
|      | C07F 9/564 |      | CN113853379 A |
|      |            | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 35/00   | [11] | 40061707      |
|      | A61K 31/4545 |      | CN113498341 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061708     |
|      | A61K 31/517 |      | EP3897650 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061709     |
|      | C07K 14/725 |      | EP3938387 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061715     |
|      | C07D 413/12 |      | EP3891145 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061716      |
|      | A61K 35/768 |      | CN113939304 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40061722      |
|      | C07D 403/14 |      | CN114174285 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40061727     |
|      | C12N 15/867 |      | EP3976805 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061757     |
|      | C07K 16/28 |      | EP3898685 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40061762     |
|      | A61K 47/54 |      | EP3903825 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/02 | [11] | 40061499      |
|      | C07K 16/28 |      | CN114085288 A |
|      |            | [13] | A             |

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|------|--------------|------|--------------|
| [51] | A61P 35/02   | [11] | 40061501     |
|      | A61K 31/5377 |      | EP3888659 A1 |
|      |              | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/02 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/02 | [11] | 40061606      |
|      | A61K 35/17 |      | CN113412117 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61P 35/02 | [11] | 40061688      |
|      | A61K 39/00 |      | CN113905757 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/02  | [11] | 40061699      |
|      | C07D 401/04 |      | CN113574054 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/17 | [11] | 40061649     |
|      | A61P 35/00 |      | EP3886989 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 37/00  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 37/00  | [11] | 40061722      |
|      | C07D 403/14 |      | CN114174285 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 37/02 | [11] | 40061645     |
|      | A61K 39/00 |      | EP3969039 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/02 | [11] | 40061762     |
|      | A61K 47/54 |      | EP3903825 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/04 | [11] | 40061427     |
|      | C07H 13/08 |      | EP3868771 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 37/06  | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 37/06  | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 37/06 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/06 | [11] | 40061645     |
|      | A61K 39/00 |      | EP3969039 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 39/06 | [11] | 40061681     |
|      | A61K 31/16 |      | EP3908271 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 43/00 | [11] | 40061549     |
|      | A61K 9/00  |      | EP3866759 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 43/00  | [11] | 40061613     |
|      | A61K 31/712 |      | EP3881851 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 43/00 | [11] | 40061740     |
|      | A61K 47/36 |      | EP3893933 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 5/26   | [11] | 40061660     |
|      | A61K 31/568 |      | EP3893885 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 5/50   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 5/50  | [11] | 40061691     |
|      | A61K 47/54 |      | EP3893934 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 9/00   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 9/00   | [11] | 40061529      |
|      | C07C 229/16 |      | CN114044741 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 9/00   | [11] | 40061653     |
|      | C07D 237/14 |      | EP3969441 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 9/00   | [11] | 40061670      |
|      | C07D 487/04 |      | CN113490668 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/04  | [11] | 40061712     |
|      | A61K 38/07 |      | EP3890765 A1 |
|      |            | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 9/06    | [11] | 40061591      |
|      | A61K 31/4025 |      | CN113453677 A |
|      |              | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61P 9/06    | [11] | 40061604     |
|      | A61K 31/4025 |      | EP3893870 A1 |
|      |              | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/06  | [11] | 40061712     |
|      | A61K 38/07 |      | EP3890765 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/08  | [11] | 40061712     |
|      | A61K 38/07 |      | EP3890765 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/10  | [11] | 40061598     |
|      | C07K 16/28 |      | EP3877051 A1 |
|      |            | [13] | A            |

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|      |                                    |      |            |
|------|------------------------------------|------|------------|
| [25] | EN                                 |      |            |
| [21] | 62022049613.2                      | [22] | 09.03.2022 |
| [86] | 07.11.2019 PCT/US2019/060255       |      |            |
| [87] | 14.05.2020 WO2020/097321           |      |            |
| [30] | 09.11.2018 US,62/758,127           |      |            |
|      | 19.12.2018 US,62/782,194           |      |            |
|      | 28.01.2019 US,62/797,813           |      |            |
|      | 30.07.2019 US,PCT/US2019/044231    |      |            |
|      | 06.08.2019 US,62/883,378           |      |            |
| [54] | TREATMENT FOR GIANT CELL ARTERITIS |      |            |
|      | 治療鉅細胞動脈炎                           |      |            |
| [71] | Kiniksa Pharmaceuticals, Ltd.      |      |            |
|      | Clarendon House                    |      |            |
|      | 2 Church Street                    |      |            |
|      | Hamilton HM 11                     |      |            |
|      | BERMUDA                            |      |            |
| [72] | John PAOLINI                       |      |            |
|      | Rohan GANDHI                       |      |            |
| [74] | DEACONS                            |      |            |
|      | 5th Floor, Alexandra House         |      |            |
|      | Central                            |      |            |
|      | HONG KONG                          |      |            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61P 9/10 | [11] | 40061702     |
|      | C07K 5/10 |      | EP3898652 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61P 9/10 | [11] | 40061703     |
|      | C07K 5/10 |      | EP3898653 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/10  | [11] | 40061712     |
|      | A61K 38/07 |      | EP3890765 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 9/12   | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 9/12  | [11] | 40061712     |
|      | A61K 38/07 |      | EP3890765 A1 |
|      |            | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61Q 1/00 | [11] | 40061548      |
|      | C11B 9/00 |      | CN113677783 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 13/00 | [11] | 40061548      |
|      | C11B 9/00  |      | CN113677783 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 17/00 | [11] | 40061548      |
|      | C11B 9/00  |      | CN113677783 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/00 | [11] | 40061448      |
|      | A44C 5/00  |      | CN113679152 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61Q 19/00  | [11] | 40061519      |
|      | C07K 14/415 |      | CN113512102 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/00 | [11] | 40061548      |
|      | C11B 9/00  |      | CN113677783 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61Q 19/08  | [11] | 40061519      |
|      | C07K 14/415 |      | CN113512102 A |
|      |             | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61Q 5/00 | [11] | 40061548      |
|      | C11B 9/00 |      | CN113677783 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 7/00  | [11] | 40061724      |
|      | A61K 36/28 |      | CN114206363 A |
|      |            | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A63F 13/2145 | [11] | 40061588      |
|      | A63F 13/44   |      | CN114072211 A |
|      | A63F 13/5375 |      |               |
|      | A63F 13/814  |      |               |
|      |              | [13] | A             |

[25] JA

[21] 62022049596.9 [22] 09.03.2022

[86] 24.06.2020 PCT/JP2020/024844

[87] 30.12.2020 WO2020/262467

[30] 28.06.2019 JP, 2019-122494

[54] INFORMATION PROCESSING PROGRAM, GAME DEVICE, AND INFORMATION  
PROCESSING METHOD

信息處理程序、遊戲裝置和信息處理方法

[71] CYGAMES, INC.

CY 遊戲公司

16-17, Nanpeidai-cho, Shibuya-ku, Tokyo 150-0036

JAPAN

日本

[72] SATO, Kazuki 佐藤一樹

YOKOYAMA, Aya 橫山亞爾

[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] | A63F 13/285 | [11] | 40061705      |
|      | G06F 3/01   |      | CN113950657 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A63F 13/44   | [11] | 40061588      |
|      | A63F 13/2145 |      | CN114072211 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A63F 13/5375 | [11] | 40061588      |
|      | A63F 13/2145 |      | CN114072211 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A63F 13/814  | [11] | 40061588      |
|      | A63F 13/2145 |      | CN114072211 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63G 21/18 | [11] | 40061654      |
|      | A63G 7/00  |      | CN113474062 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63G 31/00 | [11] | 40061654      |
|      | A63G 7/00  |      | CN113474062 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63G 7/00  | [11] | 40061654      |
|      | A63G 31/00 |      | CN113474062 A |
|      | A63G 21/18 |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022050824.1 [22] 30.03.2022

[86] 13.02.2020 PCT/US2020/018157

[87] 20.08.2020 WO2020/168107

[30] 15.02.2019 US,16/277049

[54] OBJECT ORIENTATION DETECTION SYSTEM

對象取向檢測系統

[71] UNIVERSAL CITY STUDIOS LLC

100 UNIVERSAL CITY PLAZA

UNIVERSAL CITY, CA 91608

UNITED STATES OF AMERICA

[72] LIN, Yu-Jen

MELO, Anthony

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

22/F, Great Eagle Centre, 23 Harbour Road



Wanchai  
HONG KONG

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[51] A63J 19/00 [11] 40061718  
CN113490535 A  
[13] A  
[25] EN  
[21] 62022051398.5 [22] 08.04.2022  
[86] 17.01.2020 PCT/IB2020/050366  
[87] 23.07.2020 WO2020/148713  
[30] 18.01.2019 IT,102019000000807  
[54] PORTABLE PUPPET THEATER  
便攜式木偶劇院  
[71] FERRARA, Arturo  
阿圖羅·費拉拉  
Via Palermo, 90 90049 Terrasini (PA)  
ITALY  
[72] FERRARA, Arturo 阿圖羅·費拉拉  
[74] TRADEMARKCN COMPANY LIMITED  
Block A, 4/F., Granville Building  
14 Granville Road, Tsim Sha Tsui, Kowloon  
HONG KONG

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[51] B01D 39/16 [11] 40061550  
EP3946676 A1  
[13] A  
[25] EN  
[21] 62022048814.7 [22] 24.02.2022  
[86] 03.04.2020 PCT/EP2020/059493  
[87] 08.10.2020 WO2020/201475  
[30] 05.04.2019 US,62/829,827  
[54] FLUE GAS FILTRATION MEDIA  
煙氣過濾介質  
[71] AHLSTROM-MUNKSJÖ OYJ  
P.O. Box 329  
Alvar Aallon katu 3C  
00101 Helsinki  
FINLAND  
[72] SHIM, Jesse  
LEE, Taylor  
PARK, James  
JEON, Matthew  
CHO, Chan  
[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre

183 Queen's Road East, Wan Chai  
HONG KONG

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|      |                                                                                                              |      |                          |
|------|--------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | B01D 46/00<br>F24F 3/16                                                                                      | [11] | 40061611<br>EP3880336 A1 |
|      |                                                                                                              | [13] | A                        |
| [25] | EN                                                                                                           |      |                          |
| [21] | 62022049650.4                                                                                                | [22] | 09.03.2022               |
| [86] | 06.11.2019 PCT/AU2019/051218                                                                                 |      |                          |
| [87] | 22.05.2020 WO2020/097671                                                                                     |      |                          |
| [30] | 15.11.2018 AU,AU20180904361                                                                                  |      |                          |
| [54] | DUST EXTRACTION DEVICE<br>除塵裝置                                                                               |      |                          |
| [71] | Fanca Technologies Pty Ltd<br>Unit 4<br>27 Godwin Street<br>Bulimba<br>Brisbane, QLD 4171<br>AUSTRALIA       |      |                          |
| [72] | FANNING, Andrew                                                                                              |      |                          |
| [74] | LETTERS & THOO LIMITED<br>Suite 1008, Prosperity Millennia Plaza<br>663 King's Road, Quarry Bay<br>HONG KONG |      |                          |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B01D 53/02<br>B01J 20/26 | [11] | 40061656<br>CN113874106 A |
|      |                          | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B01D 53/06<br>F04B 39/06 | [11] | 40061689<br>CN113825910 A |
|      |                          | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B01D 53/26<br>F04B 39/06 | [11] | 40061689<br>CN113825910 A |
|      |                          | [13] | A                         |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | B01F 11/02<br>A61K 9/51 | [11] | 40061641<br>EP3962464 A1 |
|      |                         | [13] | A                        |

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[51] B01J 19/10 [11] 40061641  
A61K 9/51 EP3962464 A1  
[13] A

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[51] B01J 20/26 [11] 40061655  
B01J 20/30 CN113840653 A  
C08F 20/60  
C08F 220/60

[13] A

[25] JA

[21] 62022050826.6 [22] 30.03.2022

[86] 21.05.2020 PCT/JP2020/020079

[87] 26.11.2020 WO2020/235622

[30] 21.05.2019 JP,2019-095510

[54] POLYMER MATERIAL AND METHOD FOR PRODUCING SAME, GAS-ABSORBING  
MATERIAL, AND GAS RECOVERY DEVICE  
聚合物材料及其製造方法、氣體吸收材料、氣體回收裝置

[71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION  
国立大学法人九州大学  
744, Motoooka Nishi-ku Fukuoka-shi  
Fukuoka 8190395  
JAPAN

[72] Yu HOSHINO 星野友  
Chie YAMASHITA 山下知恵  
Yuki TERAYAMA 寺山友規  
Tomomi FUJIWARA 藤原智美  
Takeshi WATANABE 渡边猛

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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[51] B01J 20/26 [11] 40061656  
B01J 20/28 CN113874106 A  
B01J 20/30  
B01D 53/02

[13] A

[25] JA

[21] 62022050827.4 [22] 30.03.2022

[86] 21.05.2020 PCT/JP2020/020080

[87] 26.11.2020 WO2020/235623

[30] 21.05.2019 JP,2019-095511

- [54] GAS ABSORBENT MATERIAL, GAS ABSORBENT BODY, GAS SEPARATION MATERIAL, FILTER, AND GAS SEPARATION DEVICE  
氣體吸收材料、氣體吸收體、氣體分離材料、過濾器及氣體分離裝置
- [71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION  
国立大学法人九州大学  
744, Motooka Nishi-ku Fukuoka-shi  
Fukuoka 8190395  
JAPAN
- [72] Yu HOSHINO 星野友  
Yuki TERAYAMA 寺山友規  
Kota KATAFUCHI 片渕航汰  
Chie YAMASHITA 山下知惠  
Tomomi FUJIWARA 藤原智美
- [74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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|------|------------|------|---------------|
| [51] | B01J 20/28 | [11] | 40061656      |
|      | B01J 20/26 |      | CN113874106 A |
|      |            | [13] | A             |
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|------|------------|------|---------------|
| [51] | B01J 20/30 | [11] | 40061655      |
|      | B01J 20/26 |      | CN113840653 A |
|      |            | [13] | A             |
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|------|------------|------|---------------|
| [51] | B01J 20/30 | [11] | 40061656      |
|      | B01J 20/26 |      | CN113874106 A |
|      |            | [13] | A             |
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|------|-------------|------|--------------|
| [51] | B01J 23/14  | [11] | 40061551     |
|      | B01J 23/18  |      | EP3897974 A1 |
|      | B01J 23/62  |      |              |
|      | B01J 23/644 |      |              |
|      | H01M 4/90   |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62022048815.4 [22] 24.02.2022

[86] 17.12.2019 PCT/US2019/066976

[87] 25.06.2020 WO2020/131957

[30] 17.12.2018 US, 62/780,435

[54] ANTIMONATE ELECTROCATALYST FOR AN ELECTROCHEMICAL REACTION  
用於電化學反應的銻酸鹽電催化劑

[71] California Institute of Technology  
1200 East California Boulevard  
MC 6-32  
Pasadena, CA 91125  
UNITED STATES OF AMERICA

[72] LEWIS, Nathan, S.  
MORENO-HERNANDEZ, Ivan, A.

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

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[51] B01J 23/18 [11] 40061551  
B01J 23/14 EP3897974 A1  
[13] A

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[51] B01J 23/62 [11] 40061551  
B01J 23/14 EP3897974 A1  
[13] A

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[51] B01J 23/644 [11] 40061551  
B01J 23/14 EP3897974 A1  
[13] A

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[51] B01L 3/00 [11] 40061531  
CN113492024 A  
[13] A

[25] ZH

[21] 42022051359.2 [22] 08.04.2022

[54] A MICROFLUIDIC CHIP WITH SELF-DRIVING UNIT, MICROFLUIDIC  
METHOD AND ITS APPLICATION THEREOF

一種帶自驅動單元的微流控芯片、微流控方法及其應用

[71] 中国医学科学院北京协和医院  
中國  
北京市东城区王府井帅府园 1 号

北京博奥晶典生物技术有限公司

中國

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10 号楼 101 室

[72] 杨启文  
潘良斌

邵昊英

殷双

[74] HHJC INTELLECTUAL PROPERTY HK LIMITED

香港

九龍牛頭角創業街 36 號

華基中心 2201 室

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|------|------------|------|--------------|
| [51] | B01L 3/00  | [11] | 40061747     |
|      | A61M 15/00 |      | EP3917601 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B01L 9/06  | [11] | 40061492     |
|      | G01N 35/00 |      | EP3900832 A1 |
|      | B03C 1/02  |      |              |
|      | B03C 1/033 |      |              |
|      | B03C 1/28  |      |              |
|      | G01N 1/34  |      |              |
|      | G01N 35/10 |      |              |
|      | B03C 1/30  |      |              |
|      |            | [13] | A            |

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[25] EN

[21] 42022051147.1 [22] 04.04.2022

[30] 19.07.2017 US,201762534563 P

[54] MAGNETIC ASSISTED SEPARATION APPARATUSES AND RELATED METHODS

磁性輔助分離裝置及相關方法

[71] Amgen Inc.

One Amgen Center Drive

Thousand Oaks, CA 91320-1799

UNITED STATES OF AMERICA

[72] SCHULZ, Craig Michael

PROVCHY, Justin James

KAWOYIA, John Kasajja

[74] CHAN, TANG &amp; KWOK

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

48-62 Hennessy Road, Wanchai

HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B02C 19/00 | [11] | 40061592      |
|      | B02C 23/18 |      | CN113382804 A |
|      | C08K 3/36  |      |               |
|      |            | [13] | A             |

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[25] EN

[21] 62022049602.5 [22] 09.03.2022

[86] 28.01.2020 PCT/US2020/015308

[87] 06.08.2020 WO2020/159916  
[30] 01.02.2019 US, 62/799974  
[54] SILICA-BASED MATTING AGENTS AND METHODS OF MAKING AND USING  
THE SAME  
基於二氧化硅的消光劑及其製備和使用方法  
[71] W. R. GRACE & CO.-CONN.  
7500 GRACE DRIVE  
COLUMBIA, MD 21044  
UNITED STATES OF AMERICA  
[72] GU, Feng  
PRYOR, James Neil  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B02C 23/18 | [11] | 40061592      |
|      | B02C 19/00 |      | CN113382804 A |
|      |            | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B03C 1/02 | [11] | 40061492     |
|      | B01L 9/06 |      | EP3900832 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B03C 1/033 | [11] | 40061492     |
|      | B01L 9/06  |      | EP3900832 A1 |
|      |            | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B03C 1/28 | [11] | 40061492     |
|      | B01L 9/06 |      | EP3900832 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B03C 1/30 | [11] | 40061492     |
|      | B01L 9/06 |      | EP3900832 A1 |
|      |           | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B05D 3/00 | [11] | 40061518      |
|      | B05D 5/06 |      | CN114192368 A |
|      |           | [13] | A             |

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[51] B05D 5/06 [11] 40061518  
B05D 7/00 CN114192368 A  
B05D 3/00  
G02B 5/18  
B44C 1/24

[13] A

[25] ZH

[21] 42022051245.3 [22] 06.04.2022

[30] 18.09.2020 US,17/025,824

[54] DIFFRACTIVE PIGMENT  
衍射顏料

[71] VIAVI SOLUTIONS INC.  
VIAVI 科技有限公司  
6001 AMERICA CENTER DRIVE  
SAN JOSE, CA 95002  
UNITED STATES OF AMERICA

[72] Alberto ARGOITIA A·阿革帝亞  
Kangning LIANG K·梁  
Johannes P. SEYDEL J·P·賽德爾  
Jaroslav ZIEBA J·齊巴

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

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[51] B05D 7/00 [11] 40061518  
B05D 5/06 CN114192368 A  
[13] A

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[51] B22D 17/20 [11] 40061432  
C22C 38/02 EP3889292 A1  
[13] A

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[51] B22D 17/20 [11] 40061435  
EP3892399 A1  
[13] A

[25] DE

[21] 42022049604.6 [22] 09.03.2022

[30] 09.04.2020 DE,102020204634

[54] CASTING PLUNGER SYSTEM AND CASTING METHOD FOR A DIE CASTING  
MACHINE  
用於壓鑄機的柱塞系統和鑄造方法



[71] Oskar Frech GmbH + Co. KG  
Schorndorfer Strasse 32  
73614 Schorndorf  
GERMANY

[72] Maurer, Peter

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

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[51] B22D 17/20 [11] 40061436  
B22D 17/32 EP3928889 A1

[13] A

[25] DE

[21] 42022049605.3 [22] 09.03.2022

[30] 22.06.2020 DE,102020207704

[54] DIE-CASTING MACHINE AND OPERATING METHOD  
模鑄造機器及操作方法

[71] Oskar Frech GmbH + Co. KG  
Schorndorfer Strasse 32  
73614 Schorndorf  
GERMANY

[72] Gerner, Daniel  
Sydlo, Andreas

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

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[51] B22D 17/22 [11] 40061433  
B22D 17/24 EP3907020 A1

[13] A

[25] DE

[21] 42022049587.3 [22] 09.03.2022

[30] 05.05.2020 DE,102020205645

[54] DIE CASTING TOOL SYSTEM  
壓鑄工具系統

[71] Oskar Frech GmbH + Co. KG  
Schorndorfer Strasse 32  
73614 Schorndorf  
GERMANY

[72] Aspacher, Ronny  
Beier, Marco  
Clauss, Nikolai

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

Wanchai  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B22D 17/24 | [11] | 40061433     |
|      | B22D 17/22 |      | EP3907020 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B22D 17/32 | [11] | 40061436     |
|      | B22D 17/20 |      | EP3928889 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B23K 26/342 | [11] | 40061432     |
|      | C22C 38/02  |      | EP3889292 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B23K 35/02 | [11] | 40061432     |
|      | C22C 38/02 |      | EP3889292 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B23K 35/30 | [11] | 40061432     |
|      | C22C 38/02 |      | EP3889292 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B25B 23/14 | [11] | 40061446     |
|      | A61B 17/16 |      | EP3881780 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B28B 1/24   | [11] | 40061447      |
|      | C09D 159/02 |      | CN113799233 A |
|      | C09D 177/00 |      |               |
|      | C09D 175/04 |      |               |
|      | C09D 181/02 |      |               |
|      | C09D 155/02 |      |               |
|      | C09D 169/00 |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42022050119.1 [22] 16.03.2022

[30] 12.06.2020 EP, 20179649.7

[54] METHOD FOR MANUFACTURING AN ORNAMENTAL HARD MATERIAL PART  
PROVIDED WITH A POLYMER COATING  
用於製造設有聚合物塗層的裝飾性硬質材料部件的方法

[71] COMADUR S.A.  
COL-DES-ROCHES 33, 2400 LE LOCLE  
SWITZERLAND

[72] PIERRY VUILLE  
DENIS BUBENDOFR  
PAULO AREDE  
JOHAN ROMAND

[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] | B29C 59/04 | [11] | 40061475      |
|      | B32B 27/36 |      | CN114083860 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 59/04 | [11] | 40061748      |
|      | B65D 33/00 |      | CN114144362 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B29C 64/106 | [11] | 40061698     |
|      | B29C 64/218 |      | EP3976346 A1 |
|      | B29C 64/264 |      |              |
|      | B29C 70/38  |      |              |
|      | B33Y 10/00  |      |              |
|      | B33Y 30/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62022051292.0 [22] 07.04.2022

[86] 01.05.2020 PCT/US2020/031150

[87] 03.12.2020 WO2020/242721

[30] 18.07.2019 US,16/516,113

07.04.2020 US,16/842,611

28.05.2019 US,62/853,610

25.02.2020 US,62/981,515

[54] SYSTEM FOR ADDITIVELY MANUFACTURING COMPOSITE STRUCTURE  
用於增材製造複合材料結構的系統

[71] Continuous Composites Inc.  
215 E. Lakeside Ave.  
Coeur D'Alene, ID 83814  
UNITED STATES OF AMERICA

[72] BRODIE, Marcus Raye Vincent  
CUMMINGS, Kyle Frank  
STULC, Andrew Michael  
STRANBERG, Nathan Andrew  
JAHNER, Brock Adam  
WILSON, Stephen Tyler

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

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B29C 64/118 | [11] | 40061564     |
|      | C08L 79/02  |      | EP3877465 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B29C 64/218 | [11] | 40061698     |
|      | B29C 64/106 |      | EP3976346 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B29C 64/264 | [11] | 40061698     |
|      | B29C 64/106 |      | EP3976346 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 65/00 | [11] | 40061748      |
|      | B65D 33/00 |      | CN114144362 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 65/08 | [11] | 40061729      |
|      | F16L 21/08 |      | CN114207339 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 65/16 | [11] | 40061729      |
|      | F16L 21/08 |      | CN114207339 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 65/76 | [11] | 40061729      |
|      | F16L 21/08 |      | CN114207339 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 65/78 | [11] | 40061729      |
|      | F16L 21/08 |      | CN114207339 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B29C 70/38  | [11] | 40061698     |
|      | B29C 64/106 |      | EP3976346 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29D 22/00 | [11] | 40061748      |
|      | B65D 33/00 |      | CN114144362 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B29D 7/01   | [11] | 40061749      |
|      | C08L 101/12 |      | CN114127199 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B31B 70/00 | [11] | 40061748      |
|      | B65D 33/00 |      | CN114144362 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B31B 70/88 | [11] | 40061748      |
|      | B65D 33/00 |      | CN114144362 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 15/02 | [11] | 40061560     |
|      | C08K 3/04  |      | EP3880746 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B32B 15/04 | [11] | 40061560     |
|      | C08K 3/04  |      | EP3880746 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B32B 27/06 | [11] | 40061475      |
|      | B32B 27/36 |      | CN114083860 A |
|      |            | [13] | A             |

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[51] B32B 27/06 [11] 40061621  
B82Y 30/00 EP3887154 A1  
B82Y 40/00  
C01B 32/194  
[13] A

[25] EN

[21] 62022049660.3 [22] 09.03.2022

[86] 29.11.2019 PCT/US2019/063869

[87] 04.06.2020 WO2020/113176

[30] 30.11.2018 US, 62/773,693

[54] GRAPHENE LAMINATE STRUCTURES  
石墨烯層壓體結構

[71] The Research Foundation for The State University of New York  
纽约州州立大学研究基金会  
35 State Street  
Albany, NY 12207-2826  
UNITED STATES OF AMERICA

[72] EISAMAN, Matthew M·埃萨曼  
FOLKSON, Jan J·富尔克森  
ANDRADE, Joseph J·安德拉德

[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] B32B 27/36 [11] 40061475  
B32B 3/08 CN114083860 A  
B32B 3/30  
B32B 7/12  
B32B 27/06  
B29C 59/04  
[13] A

[25] ZH

[21] 42022050730.5 [22] 29.03.2022

[30] 28.10.2014 JP, 2014-219784  
23.10.2015 JP, 2015-209377

[54] FILLER-FILLED FILM, SHEET FILM, STACKED FILM, BONDED BODY,  
AND METHOD FOR PRODUCING FILLER-FILLED FILM  
填料填充膜、片狀膜、層疊膜、貼合體和填料填充膜的製造方法

[71] Dexerials Corporation  
迪睿合株式会社  
1724 Shimotsuoyama, Shimotsuke-shi  
Tochigi 323-0194  
JAPAN

[72] MURAMOTO, Yutaka 村本穰  
KIKUCHI, Masanao 菊池正尚

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

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B32B 3/08  | [11] | 40061475      |
|      | B32B 27/36 |      | CN114083860 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B32B 3/30  | [11] | 40061475      |
|      | B32B 27/36 |      | CN114083860 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B32B 7/12  | [11] | 40061475      |
|      | B32B 27/36 |      | CN114083860 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B33Y 10/00 | [11] | 40061525      |
|      | C23C 24/04 |      | CN114182246 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B33Y 10/00 | [11] | 40061564     |
|      | C08L 79/02 |      | EP3877465 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B33Y 10/00  | [11] | 40061698     |
|      | B29C 64/106 |      | EP3976346 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | B33Y 30/00  | [11] | 40061698     |
|      | B29C 64/106 |      | EP3976346 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B33Y 50/02 | [11] | 40061525      |
|      | C23C 24/04 |      | CN114182246 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B33Y 80/00 | [11] | 40061525      |
|      | C23C 24/04 |      | CN114182246 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B44C 1/24 | [11] | 40061518      |
|      | B05D 5/06 |      | CN114192368 A |
|      |           | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B60J 7/04 | [11] | 40061565     |
|      | B60J 7/06 |      | EP3870468 A1 |
|      | B60J 7/08 |      |              |
|      | B60J 7/10 |      |              |
|      | B60J 7/12 |      |              |
|      |           | [13] | A            |

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[25] EN

[21] 62022048845.1 [22] 24.02.2022

[86] 22.10.2019 PCT/US2019/057304

[87] 30.04.2020 WO2020/086498

[30] 25.10.2018 US,62/750,343

17.10.2019 US,16/655,664

[54] ROLLING TONNEAU COVER

捲動式後備箱蓋

[71] Truck Accessories Group, LLC

28858 Ventura Drive, Elkhart, Indiana 46517

UNITED STATES OF AMERICA

[72] DYLEWSKI, Eugene, A., II

MATTISON, Christopher, David

BEVIS, John, William, III

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

Unit 09, 34/F., Office Tower, Convention Plaza

1 Harbour Road, Wanchai

HONG KONG

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B60J 7/06 | [11] | 40061565     |
|      | B60J 7/04 |      | EP3870468 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B60J 7/08 | [11] | 40061565     |
|      | B60J 7/04 |      | EP3870468 A1 |
|      |           | [13] | A            |

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[51] B60J 7/10 [11] 40061565  
B60J 7/04 EP3870468 A1  
[13] A

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[51] B60J 7/12 [11] 40061565  
B60J 7/04 EP3870468 A1  
[13] A

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[51] B60J 7/16 [11] 40061566  
E05B 83/16 EP3870469 A1  
E05C 9/08  
[13] A

[25] EN

[21] 62022048847.7 [22] 24.02.2022

[86] 24.10.2019 PCT/US2019/057773

[87] 30.04.2020 WO2020/086797

[30] 26.10.2018 US,62/750,981

23.10.2019 US,16/660,975

[54] LOW VOLTAGE SYSTEM CONTROLLER FOR A TRUCK  
用於卡車的低電壓系統控制器

[71] Truck Accessories Group, LLC  
28858 Ventura Drive, Elkhart, Indiana 46517  
UNITED STATES OF AMERICA

[72] IRELAND, Donald Richard  
BECKER, Terrill D.  
BACON, Bruce Charles  
HICKEY, Jeffrey Joal  
BOS, Robert G.

[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] B60N 2/90 [11] 40061687  
A01N 43/78 EP3945822 A1  
[13] A

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[51] B61K 9/08 [11] 40061438  
B61L 27/70 GB2598173 A  
[13] A

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[51] B61L 23/00 [11] 40061438  
B61L 27/70 GB2598173 A  
[13] A

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[51] B61L 27/70 [11] 40061438  
B61K 9/08 GB2598173 A  
B61L 23/00  
[13] A

[25] EN

[21] 42022049612.9 [22] 09.03.2022

[30] 18.02.2020 HK, 32020002931

[54] SYSTEM AND APPARATUS FOR MONITORING UNDERGROUND RAILWAY  
TUNNEL

地下鐵路隧道監控系統及裝置

[71] MTR Corporation Limited  
MTR Headquarters Building  
Telford Plaza  
Kowloon Bay, KOWLOON  
HONG KONG

[72] Ho Wing CHAN  
Sum CHAN  
Yick Hang TSANG  
Kwong Chuen MAK

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] B62B 7/10 [11] 40061710  
EP3908496 A1  
[13] A

[25] EN

[21] 62022051309.2 [22] 07.04.2022

[86] 08.01.2020 PCT/EP2020/050321

[87] 16.07.2020 WO2020/144234

[30] 08.01.2019 CN, 201910019182.X

[54] CHILD STROLLER FRAME  
兒童推車的車架

[71] Wonderland Switzerland AG  
明門瑞士股份有限公司  
Beim Bahnhof 5  
6312 Steinhausen  
SWITZERLAND

[72] ZHONG, Zhi-ren

[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] | B64C 1/00  | [11] | 40061525      |
|      | C23C 24/04 |      | CN114182246 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B64D 11/06 | [11] | 40061637     |
|      | H02J 9/06  |      | EP3959794 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B64D 11/06 | [11] | 40061687     |
|      | A01N 43/78 |      | EP3945822 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B65D 17/28 | [11] | 40061472     |
|      | A23G 9/08  |      | EP3915390 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B65D 17/30 | [11] | 40061472     |
|      | A23G 9/08  |      | EP3915390 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B65D 33/00 | [11] | 40061748      |
|      | B29C 59/04 |      | CN114144362 A |
|      | B29C 65/00 |      |               |
|      | B29D 22/00 |      |               |
|      | B31B 70/00 |      |               |
|      | B31B 70/88 |      |               |
|      |            | [13] | A             |

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[25] EN

[21] 62022051437.1 [22] 09.04.2022

[86] 13.07.2020 PCT/US2020/041776

[87] 21.01.2021 WO2021/011454

[30] 18.07.2019 US, 62/875, 645

[54] EXPANDING STORAGE BAGS

擴張型儲存袋

[71] THE GLAD PRODUCTS COMPANY

格拉德产品公司

1221 Broadway

Oakland, CA 94612  
UNITED STATES OF AMERICA

[72] FERRACANE, Dean 迪安·费拉凯恩  
RUSNAK, John J·鲁斯纳克

[74] HNC INNOVATION LIMITED  
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Cyberport Road  
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|------|-------------|------|---------------|
| [51] | B65D 33/00  | [11] | 40061749      |
|      | C08L 101/12 |      | CN114127199 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | B65D 47/26 | [11] | 40061472     |
|      | A23G 9/08  |      | EP3915390 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B65D 81/26 | [11] | 40061758     |
|      | B65D 85/50 |      | EP3898450 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | B65D 85/50 | [11] | 40061758     |
|      | B65D 81/26 |      | EP3898450 A1 |
|      | A23B 7/00  |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022051452.0 [22] 11.04.2022

[86] 19.12.2019 PCT/US2019/067688

[87] 25.06.2020 WO2020/132374

[30] 19.12.2018 US, 62/781,843

[54] METHODS FOR PACKAGING AND PRESERVING BERRY PRODUCTS  
用於包裝和保藏漿果產品的方法

[71] Maxwell Chase Technologies, LLC.  
125 Westlake Parkway, Suite 100, Atlanta, GA 30336  
UNITED STATES OF AMERICA

[72] JOHNSTON, Michael

[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] B65D 85/78 [11] 40061472  
A23G 9/08 EP3915390 A1  
[13] A

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[51] B65D 85/80 [11] 40061472  
A23G 9/08 EP3915390 A1  
[13] A

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[51] B65D 85/804 [11] 40061502  
A23G 9/12 EP3967149 A1  
[13] A

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[51] B65D 85/804 [11] 40061505  
A23G 9/12 EP3967150 A1  
[13] A

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[51] B66B 1/06 [11] 40061527  
B66B 5/02 CN113716419 A  
[13] A

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[51] B66B 1/18 [11] 40061526  
B66B 1/34 CN113636422 A  
B66B 7/06  
B66B 11/00  
[13] A

[25] ZH

[21] 42022051351.9 [22] 08.04.2022

[30] 27.04.2020 EP,20171548.9

[54] METHOD FOR MODERNIZING ELEVATOR SYSTEM  
用於使電梯系統現代化的方法

[71] KONE Corporation  
通力股份公司  
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[72] Markku Haapaniemi M·哈帕尼米  
Matti Räsänen M·雷薩寧  
Tarvo Viita-aho T·維塔-阿霍  
Petri Kere P·克雷  
Janne Laine J·萊恩  
Jari Österman J·奧斯特曼  
Jorma Mustalahti J·穆斯塔拉蒂

Anssi Venho A·溫霍

Jori Hägg J·黑格

Otto Lanz O·蘭茲

[74] LIU, SHEN & ASSOCIATES  
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30 Harbour Road, Wanchai  
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|------|-----------|------|---------------|
| [51] | B66B 1/34 | [11] | 40061526      |
|      | B66B 1/18 |      | CN113636422 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B66B 1/34 | [11] | 40061527      |
|      | B66B 5/02 |      | CN113716419 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | B66B 1/40 | [11] | 40061738      |
|      | B66B 5/00 |      | CN114206762 A |
|      |           | [13] | A             |

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|------|------------|------|---------------|
| [51] | B66B 11/00 | [11] | 40061526      |
|      | B66B 1/18  |      | CN113636422 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | B66B 11/02 | [11] | 40061444      |
|      | B66B 5/00  |      | CN113401769 A |
|      |            | [13] | A             |

[25] ZH

[21] 42022050112.6 [22] 16.03.2022

[30] 28.02.2020 EP, 20160224.0

[54] AN ELEVATOR CAR ROOF SYSTEM AND A CONTROL SYSTEM FOR  
MONITORING AN OPENING STATE OF AN ELEVATOR CAR ROOF  
電梯轎廂頂系統和用於監視電梯轎廂頂打開狀態的控制系統

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Pekka Halonen P·哈洛寧  
Jari Kantola J·坎托拉  
Tapio Siironen T·西羅寧

Aleksi Immonen A·伊莫寧

Juha-Matti Aitamurto J·M·艾塔穆托

Ari Jussila A·朱西拉

Ville Myyryläinen V·邁瑞萊寧

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B66B 5/00  | [11] | 40061444      |
|      | B66B 11/02 |      | CN113401769 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B66B 5/00 | [11] | 40061738      |
|      | B66B 1/40 |      | CN114206762 A |
|      | B66B 9/00 |      |               |
|      |           | [13] | A             |

[25] DE

[21] 62022051423.1 [22] 08.04.2022

[86] 12.08.2020 PCT/EP2020/072588

[87] 18.02.2021 WO2021/028462

[30] 14.08.2019 EP,19191629.5

[54] METHOD FOR CONTROLLING A LIFT INSTALLATION BY USING A  
COMPUTER-CONTROLLED MOBILE DEVICE  
通過使用計算機控制的移動設備控制電梯設備的方法

[71] INVENTIO AG  
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[72] WEIER, Andreas 安德烈亞斯·維爾  
ZUMSTEG, David 大衛·祖姆斯泰格  
DUSS, Reto 雷托·杜斯  
OTT, Roman 羅曼·奧特  
INEICHEN, Steve 史蒂夫·伊內臣

[74] MARKS & CLERK  
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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B66B 5/02 | [11] | 40061527      |
|      | B66B 1/06 |      | CN113716419 A |
|      | B66B 1/34 |      |               |
|      |           | [13] | A             |

- [25] ZH  
[21] 42022051352.7 [22] 08.04.2022  
[30] 24.05.2020 IN, 202031021796  
[54] A RESCUE APPARATUS AND AN ELEVATOR  
救援設備和電梯  
[71] KONE Corporation  
通力股份公司  
Kartanontie 1, 00330 Helsinki  
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[72] A. Elumalai A·埃盧馬萊  
Krishnan Saravanan K·薩拉瓦南  
Raj Mohan R·莫漢  
Na Nandhakumaran N·南德哈庫馬蘭  
PS Jayaram PS·賈亞拉姆  
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HONG KONG
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- [51] B66B 7/02 [11] 40061657  
CN114127002 A  
[13] A  
[25] JA  
[21] 62022050828.2 [22] 30.03.2022  
[86] 22.07.2019 PCT/JP2019/028641  
[87] 28.01.2021 WO2021/014528  
[54] INSTALLATION METHOD AND INSTALLATION JIG FOR ELEVATOR  
電梯的安裝方法以及安裝輔具  
[71] Mitsubishi Electric Corporation  
三菱电机株式会社  
7-3, Marunouchi 2-chome, Chiyoda-ku  
Tokyo 100-8310  
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[72] Kunio KATO 加藤久仁夫  
Riku ITO 伊藤陆  
[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
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38-44 D'Aguilar Street, Central  
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- 
- [51] B66B 7/06 [11] 40061526  
B66B 1/18 CN113636422 A  
[13] A
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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B66B 9/00 | [11] | 40061738      |
|      | B66B 5/00 |      | CN114206762 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B82Y 15/00 | [11] | 40061464      |
|      | A61K 49/00 |      | CN113521314 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B82Y 30/00 | [11] | 40061621     |
|      | B32B 27/06 |      | EP3887154 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B82Y 40/00 | [11] | 40061621     |
|      | B32B 27/06 |      | EP3887154 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B82Y 5/00  | [11] | 40061464      |
|      | A61K 49/00 |      | CN113521314 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B82Y 5/00   | [11] | 40061483      |
|      | A61K 39/215 |      | CN113521268 A |
|      |             | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B82Y 5/00 | [11] | 40061744     |
|      | C12N 9/22 |      | EP3891276 A1 |
|      |           | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C01B 32/194 | [11] | 40061621     |
|      | B32B 27/06  |      | EP3887154 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 1/00  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C02F 1/00 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | C02F 1/02 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|------|------------|------|---------------|
| [51] | C02F 1/44  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|------|-----------|------|---------------|
| [51] | C02F 1/44 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|------|------------|------|---------------|
| [51] | C02F 1/50  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|------|-----------|------|---------------|
| [51] | C02F 1/50 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | C02F 1/66 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|------|------------|------|---------------|
| [51] | C02F 1/76  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C02F 1/76 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C02F 103/02 | [11] | 40061562      |
|      | A23C 3/027  |      | CN114007431 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C02F 103/32 | [11] | 40061685      |
|      | A23L 3/00   |      | CN114206130 A |
|      |             | [13] | A             |

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|------|-----------|------|---------------|
| [51] | C02F 5/08 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 5/14  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 9/00  | [11] | 40061562      |
|      | A23C 3/027 |      | CN114007431 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C02F 9/00 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07B 59/00 | [11] | 40061461     |
|      | A61K 51/00 |      | EP3888694 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 17/093 | [11] | 40061461     |
|      | A61K 51/00  |      | EP3888694 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 229/16 | [11] | 40061529      |
|      | A61P 35/00  |      | CN114044741 A |
|      | A61P 37/06  |      |               |
|      | A61P 3/10   |      |               |
|      | A61P 25/28  |      |               |

A61P 9/00  
A61P 13/12  
A61P 3/00  
A61P 31/14  
A61P 31/16  
A61P 31/18  
A61P 11/00  
A61P 31/22  
A61K 31/713  
A61K 31/7105  
A61K 9/51  
A61K 39/00  
A61K 45/00  
A61K 47/18

[13] A

[25] ZH

[21] 42022051356.8 [22] 08.04.2022

[54] CATIONIC LIPID COMPOUND, COMPOSITION COMPRISING SAME, AND USE THEREOF

一種陽離子脂質化合物、包含其的組合物及用途

[71] Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.

北京悅康科創醫藥科技股份有限公司

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Huanyu Wang 王環宇

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新鴻基中心 37 樓 3716 室

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[51] C07C 243/28 [11] 40061494  
C07D 403/12 EP3909949 A1  
[13] A

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[51] C07C 25/02 [11] 40061735  
A61K 31/513 EP3968996 A1  
[13] A

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 25/24  | [11] | 40061735     |
|      | A61K 31/513 |      | EP3968996 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 275/16 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 279/06 | [11] | 40061461     |
|      | A61K 51/00  |      | EP3888694 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 303/26 | [11] | 40061528      |
|      | C07C 67/30  |      | CN114085146 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 309/04 | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 309/24 | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 309/66 | [11] | 40061528      |
|      | C07C 67/30  |      | CN114085146 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | C07C 309/73 | [11] | 40061528      |
|      | C07C 67/30  |      | CN114085146 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 57/145 | [11] | 40061484      |
|      | C07D 487/04 |      | CN114075199 A |
|      |             | [13] | A             |

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[51] C07C 59/255 [11] 40061484  
C07D 487/04 CN114075199 A  
[13] A

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[51] C07C 59/265 [11] 40061484  
C07D 487/04 CN114075199 A  
[13] A

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[51] C07C 59/285 [11] 40061484  
C07D 487/04 CN114075199 A  
[13] A

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[51] C07C 67/30 [11] 40061528  
C07C 69/736 CN114085146 A  
C07C 303/26  
C07C 309/73  
C07C 309/66  
[13] A

[25] ZH

[21] 42022051355.0 [22] 08.04.2022

[30] 24.08.2020 CN,202010856857.9

[54] PREPARATION OF SUBSTITUTED ACRYLATE COMPOUND  
取代的丙烯酸酯化合物的製備

[71] Hua Medicine (Shanghai) Ltd.  
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[72] SHE, Jin 余勁  
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LV, Guanghua 呂光華  
JIN, Xiangle 靳向樂  
XIA, Lizhen 夏立振  
LI, Jun 李軍

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[51] C07C 69/675 [11] 40061745  
A61K 31/22 CN113710243 A  
[13] A

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|------|-------------|------|---------------|
| [51] | C07C 69/736 | [11] | 40061528      |
|      | C07C 67/30  |      | CN114085146 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 201/00 | [11] | 40061620     |
|      | A23J 3/20   |      | EP3876745 A2 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 207/34 | [11] | 40061619     |
|      | A23J 3/20   |      | EP3876746 A2 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 207/34 | [11] | 40061620     |
|      | A23J 3/20   |      | EP3876745 A2 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 207/46 | [11] | 40061486     |
|      | C07F 9/6558 |      | EP3912982 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 213/89 | [11] | 40061625      |
|      | A61K 31/165 |      | CN113906013 A |
|      |             | [13] | A             |

[25] ZH

[21] 62022049667.8 [22] 09.03.2022

[86] 11.09.2020 PCT/CN2020/114700

[87] 18.03.2021 WO2021/047622

[30] 12.09.2019 CN,201910863718.6

11.11.2019 CN,201911094782.9

11.06.2020 CN,202010531381.1

04.09.2020 CN,202010923311.0

[54] PYRIDINE OXYNITRIDE, PREPARATION METHOD THEREFOR AND USE  
THEREOF

吡啶氮氧化合物及其製備方法和用途

[71] 上海济煜医药科技有限公司

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| [51] | C07D 231/56<br>A61K 49/00 | [11] | 40061464<br>CN113521314 A |
|      |                           | [13] | A                         |

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| [51] | C07D 231/56<br>A61K 31/416<br>A61K 31/437<br>C07D 471/04<br>A61P 29/00 | [11] | 40061546<br>CN113454068 A |
|      |                                                                        | [13] | A                         |

[25] KR

[21] 62022048805.5 [22] 24.02.2022

[86] 20.02.2020 PCT/KR2020/002459

[87] 03.09.2020 WO2020/175851

[30] 28.02.2019 KR,10-2019-0023942

[54] BENZOINDAZOLONE COMPOUND, AND INTERMEDIATE THEREOF  
苯並吡唑酮化合物及其中間體

[71] LMITO THERAPEUTICS INC.  
LMITO 药业株式会社  
C-703, 253, Pangyo-ro Bundang-gu Seongnam-si  
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[72] LEE, Whee Seong 李辉星  
LEE, Eun Ju 李垠周  
KO, In Seok 高寅硕



[74] IVAN WONG IP LIMITED  
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[51] C07D 231/56 [11] 40061612  
C07D 471/04 EP3956315 A1  
A61K 31/416  
A61K 31/4162  
A61P 35/00  
C07D 401/10  
C07D 401/14

[13] A

[25] EN

[21] 62022049651.2 [22] 09.03.2022

[86] 16.04.2020 PCT/EP2020/060770

[87] 22.10.2020 WO2020/212530

[30] 17.04.2019 EP,19169769.7

[54] BENZO- AND PYRIDO-PYRAZOLES AS PROTEIN KINASE INHIBITORS  
苯並吡唑類和吡啶並吡唑類作為蛋白激酶抑制劑

[71] Rottapharm Biotech S.r.l.  
Via Valosa di Sopra 9  
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[72] ROVATI, Lucio Claudio  
ARTUSI, Roberto  
BOVINO, Clara  
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PIEPOLI, Tiziana

[74] HNC INNOVATION LIMITED  
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[51] C07D 237/14 [11] 40061653  
C07D 237/20 EP3969441 A1  
C07D 401/14  
C07D 403/12  
A61K 31/501  
A61P 3/10  
A61P 9/00  
A61P 19/02  
A61P 35/00

[13] A

[25] EN

[21] 62022050823.3 [22] 30.03.2022

[86] 15.05.2020 PCT/IB2020/054613

[87] 26.11.2020 WO2020/234715

[30] 17.05.2019 US, 62/849,245

[54] NLRP3 INFLAMMASOME INHIBITORS

NLRP3 炎性小體抑制劑

[71] Novartis AG

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4056 Basel

SWITZERLAND

[72] GOMMERMANN, Nina

FARADY, Christopher

JANSER, Philipp

MACKAY, Angela

MATTES, Henri

SMITH, Nichola

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STIEFL, Nikolaus Johannes

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VELCICKY, Juraj

VON MATT, Anette

[74] MARKS & CLERK

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[51] C07D 237/20

C07D 237/14

[11] 40061653

EP3969441 A1

[13] A

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[51] C07D 239/94

A61K 31/517

[11] 40061708

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[13] A

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[51] C07D 247/02

A61K 31/513

[11] 40061735

EP3968996 A1

[13] A

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[51] C07D 265/22

[11] 40061629

CN113795482 A

[13] A

[25] EN

[21] 62022049673.6

[22] 10.03.2022

[86] 18.05.2020 PCT/EP2020/063843  
[87] 26.11.2020 WO2020/234245  
[30] 14.06.2019 EP,19180140.6  
[54] METHOD FOR PREPARATION OF CARSALAM  
用於製備卡沙蘭的方法  
[71] LONZA GUANGZHOU PHARMACEUTICAL LTD.  
68, HUANGGE DADAOBEI, NANSHA DISTRICT  
GUANGZHOU 511455  
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[72] LIN, Xingbang  
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[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[51] C07D 401/04 [11] 40061454  
CN113416179 A  
[13] A  
[25] ZH  
[21] 42022050170.4 [22] 17.03.2022  
[30] 25.04.2014 JP,2014-092102  
[54] CRYSTAL OF TETRACYCLIC COMPOUND  
四環化合物的新結晶  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA  
5-1, UKIMA 5-CHOME  
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[72] KOTA TANAKA  
TAKAMITSU UETO  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[51] C07D 401/04 [11] 40061699  
C07D 401/14 CN113574054 A  
C07D 405/14  
C07D 413/14  
C07D 417/14  
A61P 35/02  
A61K 31/455  
[13] A  
[25] EN  
[21] 62022051293.8 [22] 07.04.2022  
[86] 10.01.2020 PCT/IB2020/050180

- [87] 16.07.2020 WO2020/144638
- [30] 11.01.2019 US,62/791057  
11.06.2019 US,62/859851
- [54] DIHYDROOROTATE DEHYDROGENASE INHIBITORS  
二氫乳清酸脫氫酶抑制劑
- [71] JANSSEN BIOTECH, INC.  
800/850, RIDGEVIEW DRIVE  
HORSHAM, PA 19044  
UNITED STATES OF AMERICA
- [72] CISAR, Justin  
KUDUK, Scott  
WANG, Chao-yuan  
SIMONNET, Yvan Rene Ferdinand  
KEOHANE, Colleen Elizabeth  
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- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 401/10 | [11] | 40061612     |
|      | C07D 231/56 |      | EP3956315 A1 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C07D 401/12 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |
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|------|-------------|------|---------------|
| [51] | C07D 401/12 | [11] | 40061563      |
|      | C07D 417/12 |      | CN114072399 A |
|      |             | [13] | A             |
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| [51] | C07D 401/14 | [11] | 40061612     |
|      | C07D 231/56 |      | EP3956315 A1 |
|      |             | [13] | A            |
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| [51] | C07D 401/14 | [11] | 40061653     |
|      | C07D 237/14 |      | EP3969441 A1 |
|      |             | [13] | A            |
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[51] C07D 401/14 [11] 40061699  
C07D 401/04 CN113574054 A  
[13] A

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[51] C07D 403/12 [11] 40061494  
C07D 405/14 EP3909949 A1  
C07D 401/12  
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C07D 487/08  
C07D 487/10  
C07D 491/04  
C07C 275/16  
C07C 243/28  
A61K 31/495  
A61K 31/504  
A61K 31/506  
A61K 31/5365  
A61K 31/4155  
A61K 31/337  
A61K 31/15  
A61K 31/27  
A61P 31/18  
A61K 31/52  
A61K 31/55  
A61K 31/553  
A61K 31/685  
A61K 31/688

[13] A

[25] EN

[21] 42022051157.0

[22] 04.04.2022

[30] 06.02.2017 US,201762455348 P

[54] ATAZANAVIR (ATV) ANALOGUES FOR TREATING HIV INFECTIONS  
用於治療 HIV 感染的阿紮那韋 (ATV) 類似物

[71] Gilead Sciences, Inc.  
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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 403/12 | [11] | 40061653     |
|      | C07D 237/14 |      | EP3969441 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C07D 403/12 | [11] | 40061722      |
|      | C07D 403/14 |      | CN114174285 A |
|      |             | [13] | A             |

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|------|--------------|------|---------------|
| [51] | C07D 403/14  | [11] | 40061722      |
|      | C07D 403/12  |      | CN114174285 A |
|      | A61K 31/4184 |      |               |
|      | A61P 35/00   |      |               |
|      | A61P 29/00   |      |               |
|      | A61P 31/00   |      |               |
|      | A61P 37/00   |      |               |
|      |              | [13] | A             |

[25] ZH

[21] 62022051403.3 [22] 08.04.2022

[86] 24.07.2020 PCT/CN2020/104506

[87] 28.01.2021 WO2021/013250

[30] 25.07.2019 CN,201910676596.X  
17.07.2020 CN,202010695694.0

[54] HETEROCYCLIC AMIDE COMPOUND, PREPARATION METHOD THEREFOR AND  
USE THEREOF

雜環酰胺類化合物及其製備方法和應用

[71] 上海济煜医药科技有限公司

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|------|------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | C07D 405/06                                                                                                      | [11] | 40061498<br>CN113880819 A |
|      |                                                                                                                  | [13] | A                         |
| [25] | ZH                                                                                                               |      |                           |
| [21] | 42022051168.7                                                                                                    | [22] | 04.04.2022                |
| [54] | A METHOD FOR PREPARATION OF LIFITEGRAST AND AN INTERMEDIATE COMPOUND THEREOF<br>立他司特的製備方法及其中間體化合物                |      |                           |
| [71] | 浙江大学医学院附属第一医院<br>中國<br>浙江省杭州市庆春路 79 号, 310003<br><br>浙江奥翔药业股份有限公司<br>中國<br>浙江省临海市化学原料药基地临海园区<br>东海第四大道五号, 317016 |      |                           |
| [72] | 王夏蔚<br>郑志国                                                                                                       |      |                           |
| [74] | 香港工業總會<br>香港<br>九龍 長沙灣 長裕街八號<br>億京廣場三十一樓                                                                         |      |                           |

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| [51] | C07D 405/14<br>C07D 403/12 | [11] | 40061494<br>EP3909949 A1 |
|      |                            | [13] | A                        |

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|------|----------------------------|------|---------------------------|
| [51] | C07D 405/14<br>C07D 471/04 | [11] | 40061515<br>CN113480534 A |
|      |                            | [13] | A                         |

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|------|----------------------------|------|---------------------------|
| [51] | C07D 405/14<br>C07D 401/04 | [11] | 40061699<br>CN113574054 A |
|      |                            | [13] | A                         |

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|------|----------------------------|------|---------------------------|
| [51] | C07D 409/14<br>C07D 471/04 | [11] | 40061515<br>CN113480534 A |
|------|----------------------------|------|---------------------------|

[13] A

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[51] C07D 413/12 [11] 40061715  
C07D 413/14 EP3891145 A1  
A61K 31/513  
A61K 31/551  
A61P 35/00

[13] A

[25] EN  
[21] 62022051394.4 [22] 08.04.2022  
[86] 06.12.2019 PCT/US2019/064825  
[87] 11.06.2020 WO2020/118133  
[30] 06.12.2018 US,62/776,031  
[54] MODULATORS OF TREX1  
TREX1 的調節劑  
[71] Constellation Pharmaceuticals, Inc.  
215 First Street, Suite 200  
Cambridge, MA 02142  
UNITED STATES OF AMERICA  
[72] Anna GARDBERG  
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[51] C07D 413/14 [11] 40061515  
C07D 471/04 CN113480534 A  
[13] A

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[51] C07D 413/14 [11] 40061699  
C07D 401/04 CN113574054 A  
[13] A

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[51] C07D 413/14 [11] 40061715  
C07D 413/12 EP3891145 A1  
[13] A

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[51] C07D 417/12 [11] 40061533  
A61K 31/4427 EP3892620 A1  
A61P 31/22  
[13] A

[25] EN

[21] 42022051363.4 [22] 08.04.2022

[30] 28.11.2016 EP,16201009

[54] A MALEATE SALT OF THE FREE BASE OF N-[5-(AMINOSULFONYL)-4-METHYL-1,3-THIAZOL-2-YL]-N-METHYL-2-[4-(2-PYRIDINYL)-PHENYL]-ACETAMIDE, PHARMACEUTICAL FORMULATIONS, METHODS OF MANUFACTURE AND USES THEREOF FOR THE TREATMENT OF HERPES VIRUSES  
N-[5-(氨基磺酰基)-4-甲基-1,3-噻唑-2-基]-N-甲基-2-[4-(2-吡啶基)-苯基]乙酰胺的游離碱的馬來酸鹽、其藥物製劑、其製造方法及其用於治療疱疹病毒的用途

[71] AICURIS GMBH & CO. KG  
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[72] BACHHAV, Yogeshwar  
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BIRKMANN, Alexander  
BONSMANN, Susanne  
GOLDNER, Thomas

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[51] C07D 417/12 [11] 40061563  
C07D 417/14 CN114072399 A  
C07D 401/12  
A61K 31/427  
A61K 31/415  
A61P 25/28  
A61P 11/00  
[13] A

[25] ZH

[21] 62022048840.2 [22] 24.02.2022

[86] 24.05.2021 PCT/CN2021/095424

[87] 02.12.2021 WO2021/238834

[30] 25.05.2020 CN,202010447193.0

[54] ARYLFORMAMIDE COMPOUND AND PREPARATION METHOD AND MEDICAL USE THEREOF  
芳甲酰胺類化合物及其製備方法和醫藥用途

[71] THE NATIONAL INSTITUTES OF PHARMACEUTICAL R&D CO., LTD  
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| [51] | C07D 417/14 | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | C07D 417/14 | [11] | 40061556     |
|      | A61K 31/506 |      | EP3870580 A1 |
|      | A61P 35/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62022048825.3 [22] 24.02.2022

[86] 22.10.2019 PCT/EP2019/078751

[87] 30.04.2020 WO2020/083926

[30] 23.10.2018 EP,18202164.2

[54] HETEROCYCLIC KINASE INHIBITORS AND USES THEREOF  
雜環激酶抑制劑及其用途

[71] iOmx Therapeutics AG  
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[72] SENNHENN, Peter  
MEIER-EWERT, Sebastian  
KHANDELWAL, Nisit  
BANCROFT, David

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 417/14 | [11] | 40061563      |
|      | C07D 417/12 |      | CN114072399 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 417/14 | [11] | 40061699      |
|      | C07D 401/04 |      | CN113574054 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/04 | [11] | 40061428     |
|      | C07D 487/04 |      | EP3872080 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 471/04 | [11] | 40061464      |
|      | A61K 49/00  |      | CN113521314 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | C07D 471/04  | [11] | 40061515      |
|      | C07D 405/14  |      | CN113480534 A |
|      | C07D 409/14  |      |               |
|      | C07D 417/14  |      |               |
|      | C07D 471/08  |      |               |
|      | C07D 487/08  |      |               |
|      | C07D 413/14  |      |               |
|      | A61K 31/4545 |      |               |
|      | A61K 31/444  |      |               |
|      | A61K 31/4439 |      |               |
|      | A61K 31/496  |      |               |
|      | A61K 31/454  |      |               |
|      | A61P 3/10    |      |               |
|      | A61P 27/02   |      |               |
|      | A61P 9/00    |      |               |
|      | A61P 25/00   |      |               |
|      | A61P 5/50    |      |               |
|      | A61P 13/12   |      |               |
|      | A61P 9/12    |      |               |
|      | A61P 19/10   |      |               |
|      | A61P 19/06   |      |               |
|      | A61P 3/04    |      |               |
|      | A61P 3/00    |      |               |
|      | A61P 3/06    |      |               |
|      | A61P 1/16    |      |               |
|      | A61P 35/00   |      |               |
|      | A61P 25/08   |      |               |
|      | A61P 9/10    |      |               |
|      | A61P 25/16   |      |               |
|      | A61P 25/28   |      |               |

[13] A

[25] ZH

- [21] 42022051226.3 [22] 06.04.2022
- [54] BENZIMIDAZOLE OR AZABENZIMIDAZOLE-6-CARBOXYLIC ACID COMPOUNDS  
AND APPLICATIONS THEREOF  
苯並咪唑或氮雜苯並咪唑-6-羧酸類化合物及其應用
- [71] BeBetter Med Inc.  
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刘怡婷  
封巧  
谭慧晨  
邓心兰  
吴少槟  
范福顺  
钱长庚
- [74] 環聯知識產權服務有限公司  
香港  
灣仔駱克道 93-107 號利臨大廈 17 樓 1707 室
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- [51] C07D 471/04 [11] 40061546  
C07D 231/56 CN113454068 A  
[13] A
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- [51] C07D 471/04 [11] 40061552  
C07D 519/00 EP3873900 A1  
A61K 31/437  
A61P 29/00  
[13] A

[25] EN

[21] 62022048816.2 [22] 24.02.2022

[86] 29.10.2019 PCT/US2019/058599

[87] 07.05.2020 WO2020/092394

[30] 30.10.2018 US, 62/752,848

[54] IMIDAZOPYRIDINE DERIVATIVES AS ALPHA4BETA7 INTEGRIN  
INHIBITORS

作為  $\alpha 4 \beta 7$  整合素抑制劑的咪唑並吡啶衍生物

- [71] GILEAD SCIENCES, INC.  
333 Lakeside Drive Foster City  
California 94404  
UNITED STATES OF AMERICA
- [72] BLOMGREN, Peter A.  
CAMPBELL, Taryn  
CHANDRASEKHAR, Jayaraman  
CLARK, Christopher T.  
CODELLI, Julian A.  
CURRIE, Kevin S.  
KROPF, Jeffrey E.  
MOAZAMI, Yasamin  
NAVA, Nicole  
PATEL, Leena  
PERREAULT, Stephane  
PERRY, Jason K.  
SEDILLO, Kassandra F.  
SEEGER, Natalie  
STEVENS, Kirk L.  
TREIBERG, Jennifer Anne  
YEUNG, Suet C.  
ZHAO, Zhongdong
- [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] | C07D 471/04 | [11] | 40061567     |
|      | A61P 31/18  |      | EP3873608 A1 |
|      |             | [13] | A            |
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| [51] | C07D 471/04 | [11] | 40061574     |
|      | C07D 519/00 |      | EP3873903 A1 |
|      | A61K 31/437 |      |              |
|      | A61P 35/00  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62022048962.4 [22] 28.02.2022

[86] 30.10.2019 PCT/US2019/058932

[87] 07.05.2020 WO2020/092621

[30] 31.10.2018 US, 62/753,339  
28.06.2019 US, 62/868,550

[54] SUBSTITUTED 6-AZABENZIMIDAZOLE COMPOUNDS AS HPK1 INHIBITORS  
作為 HPK1 抑制劑的取代的 6-氮雜苯並咪唑化合物

[71] GILEAD SCIENCES, INC.  
333 Lakeside Drive Foster City

California 94404  
UNITED STATES OF AMERICA

- [72] BALAN, Gayatri  
BARTLETT, Mark J.  
CHANDRASEKHAR, Jayaraman  
CODELLI, Julian A.  
CONWAY, John H.  
COSMAN, Jennifer L.  
KALLA, Rao V.  
KASUN, Zachary A.  
KIM, Musong  
LEE, Seung H.  
LO, Jennifer R.  
LOYER-DREW, Jennifer A.  
MITCHELL, Scott A.  
PERRY, Thao D.  
PHILLIPS, Gary B.  
SALVO, Patrick J.  
SWAMINATHAN, Sundaramoorthi  
VAN VELDHUIZEN, Joshua J.  
YEUNG, Suet C.  
ZABLOCKI, Jeff
- [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] C07D 471/04 [11] 40061578  
A61K 31/519 CN113767098  
A61P 31/20
- [13] A
- [25] ZH
- [21] 62022049504.3 [22] 07.03.2022
- [86] 15.04.2020 PCT/US2020/028257
- [87] 22.10.2020 WO2020/214663
- [30] 17.04.2019 US, 62/835,335
- [54] SOLID FORMS OF A TOLL-LIKE RECEPTOR MODULATOR  
TOLL 樣受體調節劑的固體形式
- [71] GILEAD SCIENCES, INC.  
吉利德科學公司  
333 LAKESIDE DRIVE, FOSTER CITY, CA 94404  
UNITED STATES OF AMERICA
- [72] Sylvie M. ASSELIN S·M·阿塞林  
Pavel R. BADALOV P·R·巴達洛夫  
Henry G. MORRISON H·G·莫里森  
Christopher S. REGENS C·S·雷根斯  
Tiago VIEIRA T·維埃拉

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

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[51] C07D 471/04 [11] 40061602  
A61K 31/437 CN113574057 A  
A61K 31/519  
C07D 487/04  
A61P 35/00  
A23L 29/00  
A23L 33/10

[13] A

[25] KR

[21] 62022049634.8 [22] 09.03.2022

[86] 13.03.2020 PCT/KR2020/003558

[87] 17.09.2020 WO2020/185044

[30] 13.03.2019 KR,10-2019-0028917  
27.03.2019 KR,10-2019-0035391

[54] HETEROARYL DERIVATIVES AND PHARMACEUTICAL COMPOSITION  
COMPRISING SAME AS ACTIVE INGREDIENT  
雜芳基衍生物及包含其作為活性成分的藥物組合物

[71] VORONOI INC.  
株式会社沃若诺伊  
18Floor, S-dong, 32 Songdogwahak-ro  
Yeonsu-gu Incheon 21984  
REPUBLIC OF KOREA

VORONOIBIO INC.  
株式会社沃若诺伊生物  
11Floor, S-dong, 32 Songdogwahak-ro  
Yeonsu-gu Incheon 21984  
REPUBLIC OF KOREA

[72] KIM, U Bin 金釉璜  
LEE, Youn Ho 李尹镐  
KANG, Se In 姜世仁  
KANG, Ju Hee 姜朱曦  
HWANG, Seon Ah 黃善娥  
KIM, Da Mi 金多美  
KIM, Seung Su 金承洙  
JUNG, Myung Ho 鄭明鎬  
KIM, Hyun Kyung 金炫炅  
JUNG, Hong Ryul 鄭弘烈  
KIM, Yeon Sil 金蓮實  
JANG, Hye Jin 張惠真  
CHOI, Ji Eun 崔智恩  
LEE, Sun Hwa 李宣和

SON, Jung Beom 孙正范

KIM, Nam Doo 金南斗

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

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/04 | [11] | 40061612     |
|      | C07D 231/56 |      | EP3956315 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07D 471/04 | [11] | 40061677     |
|      | C07D 487/04 |      | EP3902804 A1 |
|      |             | [13] | A            |

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| [51] | C07D 471/04 | [11] | 40061678     |
|      | C07D 487/04 |      | EP3902803 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/08 | [11] | 40061494     |
|      | C07D 403/12 |      | EP3909949 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 471/08 | [11] | 40061515      |
|      | C07D 471/04 |      | CN113480534 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/20 | [11] | 40061677     |
|      | C07D 487/04 |      | EP3902804 A1 |
|      |             | [13] | A            |

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| [51] | C07D 471/20 | [11] | 40061678     |
|      | C07D 487/04 |      | EP3902803 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C07D 473/34 | [11] | 40061464      |
|      | A61K 49/00  |      | CN113521314 A |
|      |             | [13] | A             |



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|------|-------------|------|---------------|
| [51] | C07D 473/40 | [11] | 40061464      |
|      | A61K 49/00  |      | CN113521314 A |
|      |             | [13] | A             |

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| [51] | C07D 487/04  | [11] | 40061428     |
|      | C07D 471/04  |      | EP3872080 A1 |
|      | A61K 31/4985 |      |              |
|      | A61P 25/28   |      |              |

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[25] EN

[21] 42022048974.4 [22] 28.02.2022

[30] 02.09.2016 US, 62/382,942  
17.11.2016 US, 62/423,445  
08.03.2017 US, 62/468,598  
06.04.2017 US, 62/482,486

[54] FUSED BICYCLIC SGC STIMULATORS  
稠合雙環 SGC 刺激劑

[71] Cycleron Therapeutics, Inc.  
245 First Street  
Riverview II, 18th Floor  
Cambridge, MA 02142  
UNITED STATES OF AMERICA

[72] RENNIE, Glen, Robert  
IYENGAR, Rajesh, R.  
LEE, Thomas, Wai-Ho  
NAKAI, Takashi  
MERMERIAN, Ara  
JIA, Lei  
IM, G-Yoon, Jamie  
RENHOWE, Paul, Allan  
JUNG, Joon  
GERMANO, Peter  
IYER, Karthik  
BARDEN, Timothy, Claude  
TANG, Kim

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

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 487/04 | [11] | 40061484      |
|      | C07C 57/145 |      | CN114075199 A |
|      | C07C 309/04 |      |               |
|      | C07C 309/24 |      |               |
|      | C07C 59/265 |      |               |

C07C 59/255  
C07C 59/285  
A61K 31/4188  
A61P 25/28  
A61P 37/00  
A61P 19/02  
A61P 35/00  
A61P 3/10  
A61P 27/02  
A61P 1/00  
A61P 17/00  
A61P 17/04  
A61P 11/06  
A61P 11/00  
A61P 37/06  
A61P 31/16  
A61P 31/14

[13] A

[25] ZH

[21] 42022051065.5

[22] 01.04.2022

[54] JAK INHIBITOR COMPOUND AND USE THEREOF  
JAK 抑制劑化合物及其用途

[71] HENAN MEDINNO PHARMACEUTICAL TECHNOLOGY CO., LTD.  
河南迈英诺医药科技有限公司  
2-201-2, building 1  
No. 999, Gaoxin East Road, Xinxiang City, Henan Province  
CHINA

[72] LU, Liang 路良  
ZHAO, Saisai 赵赛赛

[74] Mark Wong & Associates Limited  
705A Tung Ning Building  
249-253 Des Voeux Road Central  
HONG KONG

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[51] C07D 487/04 [11] 40061557  
A61P 25/00 EP3924050 A1  
[13] A

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[51] C07D 487/04 [11] 40061602  
C07D 471/04 CN113574057 A  
[13] A

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[51] C07D 487/04 [11] 40061670  
A61K 31/51 CN113490668 A  
A61P 9/00  
A61P 11/00

[13] A

[25] EN

[21] 62022051146.8

[22] 04.04.2022

[86] 04.10.2019 PCT/US2019/054880

[87] 09.04.2020 WO2020/073011

[30] 05.10.2018 US, 62/742,218

[54] COMPOUNDS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED  
WITH APJ RECEPTOR ACTIVITY

用於治療與 APJ 受體活性有關的疾病的化合物和組合物

[71] ANNAPURNA BIO, INC.

安娜普爾納生物股份有限公司

2145 Clement Street, San Francisco

California 94121

UNITED STATES OF AMERICA

[72] 唐海峰

M·漢森

S·博伊斯

聶喆

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE

Unit F, 20th Floor, Neich Tower

128 Gloucester Road

HONG KONG

[51] C07D 487/04

[11] 40061677

C07D 471/04

EP3902804 A1

C07D 471/20

A61K 31/519

A61P 35/00

[13] A

[25] EN

[21] 62022051155.9

[22] 04.04.2022

[86] 27.12.2019 PCT/US2019/068653

[87] 02.07.2020 WO2020/139992

[30] 27.12.2018 US, 62/785,574

[54] AZA-HETEROBICYCLIC INHIBITORS OF MAT2A AND METHODS OF USE FOR  
TREATING CANCER

MAT2A 的 AZA 雜雙環抑制劑和用於治療癌症的方法

[71] Les Laboratoires Servier SAS

50 rue Carnot

92284 Suresnes Cedex

FRANCE

[72] Zenon, D. KONTEATIS

Mingzong LI

Samuel, K. REZNIK

Zhihua SUI

Jeremy, M. TRAVINS

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] C07D 487/04 [11] 40061678  
C07D 471/04 EP3902803 A1  
C07D 471/20  
A61P 35/00  
A61K 31/5025

[13] A

[25] EN

[21] 62022051156.7 [22] 04.04.2022

[86] 27.12.2019 PCT/US2019/068652

[87] 02.07.2020 WO2020/139991

[30] 27.12.2018 US,62/785,519

[54] AZA-HETEROBICYCLIC INHIBITORS OF MAT2A AND METHODS OF USE FOR  
TREATING CANCER

MAT2A 的 AZA 本雜雙環抑制劑和用於治療癌症的方法

[71] Les Laboratoires Servier SAS  
50 rue Carnot  
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[72] Zenon, D. KONTEATIS  
Mingzong LI  
Samuel, K. REZNIK  
Zhihua SUI

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] C07D 487/08 [11] 40061494  
C07D 403/12 EP3909949 A1

[13] A

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[51] C07D 487/08 [11] 40061515  
C07D 471/04 CN113480534 A

[13] A

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[51] C07D 487/10 [11] 40061494  
C07D 403/12 EP3909949 A1

[13] A

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|------|--------------------------|------|--------------------------|
| [51] | C07D 487/22<br>A23J 3/20 | [11] | 40061619<br>EP3876746 A2 |
|      |                          | [13] | A                        |

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|------|--------------------------|------|--------------------------|
| [51] | C07D 487/22<br>A23J 3/20 | [11] | 40061620<br>EP3876745 A2 |
|      |                          | [13] | A                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | C07D 491/04<br>C07D 403/12 | [11] | 40061494<br>EP3909949 A1 |
|      |                            | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | C07D 495/04<br>A61P 25/00 | [11] | 40061559<br>EP3924049 A1 |
|      |                           | [13] | A                        |

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|------|----------------------------|------|--------------------------|
| [51] | C07D 519/00<br>C07D 471/04 | [11] | 40061552<br>EP3873900 A1 |
|      |                            | [13] | A                        |

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|------|---------------------------|------|--------------------------|
| [51] | C07D 519/00<br>A61P 31/18 | [11] | 40061567<br>EP3873608 A1 |
|      |                           | [13] | A                        |

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|------|----------------------------|------|--------------------------|
| [51] | C07D 519/00<br>C07D 471/04 | [11] | 40061574<br>EP3873903 A1 |
|      |                            | [13] | A                        |

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|------|-------------------------|------|--------------------------|
| [51] | C07F 7/18<br>H01M 4/133 | [11] | 40061732<br>EP3977543 A1 |
|      |                         | [13] | A                        |

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| [51] | C07F 7/22<br>A61K 51/00 | [11] | 40061461<br>EP3888694 A1 |
|      |                         | [13] | A                        |

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- [51] C07F 9/564 [11] 40061701  
A61K 31/664 CN113853379 A  
A61P 35/00  
[13] A
- [25] ZH
- [21] 62022051296.1 [22] 07.04.2022
- [86] 12.05.2020 PCT/CN2020/089692
- [87] 19.11.2020 WO2020/228685
- [30] 13.05.2019 CN,201910392606.7  
20.12.2019 CN,201911324466.6
- [54] FLUORINE-CONTAINING COMPOUND AND ANTI-CANCER MEDICAL USE  
THEREOF  
含氟化合物及抗癌醫藥用途
- [71] ASCENTAWITS PHARMACEUTICALS, LTD.  
深圳艾欣达伟医药科技有限公司  
ROOM 1003, 10TH FLOOR, BUILDING 10, BIOMEDICAL INNOVATION  
INDUSTRIAL PARK NO. 14, JINHUI ROAD, JINSHA COMMUNITY, KENGZI  
STREET  
PINGSHAN DISTRICT SHENZHEN, GUANGDONG 518118  
CHINA  
中國  
广东省深圳市坪山区/ 邮编:518118  
坑梓街道金沙社区金辉路14号生物医药创新产业园区10号楼10层1003号
- [72] DUAN, Jianxin 段建新  
LI, Anrong 李安蓉  
MENG, Fanying 孟繁英  
CAI, Xiaohong 蔡晓宏
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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- [51] C07F 9/572 [11] 40061486  
C07F 9/6558 EP3912982 A1  
[13] A
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- [51] C07F 9/6558 [11] 40061486  
C07F 9/572 EP3912982 A1  
C07D 207/46  
[13] A
- [25] EN
- [21] 42022051068.9 [22] 01.04.2022
- [54] NOVEL HYDROPHILIC LINKERS AND LIGAND-DRUG CONJUGATES THEREOF  
新型親水連接體及其配體-藥物共軛偶聯物

- [71] Hangzhou Dac Biotech Co., Ltd  
Building 12  
Zheng Tai Zhong Zi Technology Park, No. 260 Sixth Street  
HEDA, Hangzhou City, Zhejiang Province 310018  
CHINA
- [72] SUN, Sanxing  
ZHAO, Robert Yongxin  
LI, Xing  
GUO, Huihui  
JIA, Junxiang  
XIE, Hongsheng  
ZHOU, Xiaomai  
HUANG, Yuanyuan  
YANG, Qingliang  
ZHUO, Xiaotao  
YE, Hangbo  
GAI, Shun  
QU, Lan  
LI, Wenjun  
LIN, Chen
- [74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG
- 
- [51] C07H 13/08 [11] 40061427  
A61K 31/7024 EP3868771 A1  
A61P 37/04
- [13] A
- [25] EN
- [21] 42022048788.8 [22] 23.02.2022
- [30] 08.04.2008 US,US20080043197P
- [54] TRITERPENE SAPONINS, METHODS OF SYNTHESIS, AND USES THEREOF  
三萜皂苷、合成方法及其用途
- [71] Sloan-Kettering Institute for Cancer Research  
1275 York Avenue  
New York, NY 10021  
UNITED STATES OF AMERICA
- [72] GIN, David  
ADAMS, Michelle  
DENG, Kai  
PERL, Nicholas  
RAGUPATHI, Govind  
LIVINGSTON, Philip  
WON, Annie
- [74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

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|------|-------------|------|--------------|
| [51] | C07H 19/06  | [11] | 40061613     |
|      | A61K 31/712 |      | EP3881851 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07H 19/10  | [11] | 40061613     |
|      | A61K 31/712 |      | EP3881851 A1 |
|      |             | [13] | A            |

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| [51] | C07H 19/16  | [11] | 40061613     |
|      | A61K 31/712 |      | EP3881851 A1 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C07H 19/20  | [11] | 40061613     |
|      | A61K 31/712 |      | EP3881851 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | C07H 21/00 | [11] | 40061535     |
|      | C12N 15/11 |      | EP3901261 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07H 21/00 | [11] | 40061540     |
|      | C12N 15/11 |      | EP3901260 A1 |
|      |            | [13] | A            |

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| [51] | C07H 21/02 | [11] | 40061535     |
|      | C12N 15/11 |      | EP3901261 A1 |
|      |            | [13] | A            |

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| [51] | C07H 21/02 | [11] | 40061540     |
|      | C12N 15/11 |      | EP3901260 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07J 1/00   | [11] | 40061660     |
|      | A61K 31/568 |      | EP3893885 A1 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | C07K 1/22  | [11] | 40061630      |
|      | G01N 21/59 |      | CN113646622 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 14/015 | [11] | 40061751      |
|      | C12N 15/86  |      | CN113518824 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | C07K 14/08  | [11] | 40061716      |
|      | A61K 35/768 |      | CN113939304 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | C07K 14/15  | [11] | 40061727     |
|      | C12N 15/867 |      | EP3976805 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 14/165 | [11] | 40061489      |
|      | A61K 39/215 |      | CN113521269 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | C07K 14/18 | [11] | 40061541      |
|      | C12N 5/10  |      | CN113677792 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 14/415 | [11] | 40061519      |
|      | A23L 33/185 |      | CN113512102 A |
|      | A61K 8/64   |      |               |
|      | A61K 9/14   |      |               |
|      | A61K 38/16  |      |               |
|      | A61P 17/02  |      |               |
|      | A61P 17/18  |      |               |
|      | A61P 35/00  |      |               |
|      | A61Q 19/00  |      |               |
|      | A61Q 19/08  |      |               |
|      |             | [13] | A             |

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[25] ZH

[21] 42022051246.1 [22] 06.04.2022

[30] 16.07.2015 EP,15177017.9

[54] GROWTH PROMOTING PEPTIDES AND USES THEREOF  
生長促進肽及其用途

[71] NURITAS LIMITED  
努里塔斯有限公司  
Loft 31 3 Westland Court  
Cumberland Street South Dublin, 2  
IRELAND

[72] N·哈尔迪  
C·洛佩茲  
A·阿德勒夫欧

[74] ELLALAN  
26th - 28th Floors, The Hennessy  
256 Hennessy Road, Wanchai  
HONG KONG

[51] C07K 14/46 [11] 40061571  
C12N 15/12 CN113966340 A  
C12N 15/63  
C07K 19/00  
C12N 1/21  
C12N 1/15  
C12N 5/10  
C12N 1/19

[13] A

[25] JA

[21] 62022048870.9 [22] 25.02.2022

[86] 29.05.2020 PCT/JP2020/021473

[87] 03.12.2020 WO2020/241877

[30] 29.05.2019 JP,2019-100553

[54] PPR PROTEIN WITH LESS AGGREGATION AND USE THEREOF  
凝聚少的 PPR 蛋白及其應用

[71] EDITFORCE, INC.  
日商基因编辑力股份有限公司  
1-9-17, Tenjin, Chuo-ku  
Fukuoka-shi, Fukuoka 810-0001  
JAPAN

KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION  
国立大学法人九州大学  
744, Motooka Nishi-ku  
Fukuoka-shi, Fukuoka 8190395  
JAPAN

[72] Yusuke YAGI 八木祐介  
Takayoshi IMAI 今井崇喜  
Takayuki TAMAI 玉井乔之  
Takahiro NAKAMURA 中村崇裕  
Takamasa TERAMOTO 寺本岳大

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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[51] C07K 14/505 [11] 40061615  
C07K 16/00 EP3894434 A1  
[13] A

[25] EN

[21] 62022049654.6 [22] 09.03.2022

[86] 12.12.2019 PCT/US2019/066052

[87] 18.06.2020 WO2020/123849

[30] 12.12.2018 US,US201862778849P

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27.12.2018 US,US201862785691P

[54] ERYTHROPOIETIN ANALOGS FOR VETERINARY USE  
獸用促紅細胞生成素類似物

[71] Kindred Biosciences, Inc.  
1555 Bayshore Highway, Suite 200  
Burlingame, CA 94010  
UNITED STATES OF AMERICA

[72] ZHAN, Hangjun  
NGUYEN, Lam  
CHU, Qingyi  
LI, Shyr Jiann

[74] HONGKONG TRUER IP LIMITED  
Rooms 1318-20, 13/F, Hollywood Plaza  
610 Nathan Road, Mongkok, Kowloon  
HONG KONG

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[51] C07K 14/62 [11] 40061691  
A61K 47/54 EP3893934 A1  
[13] A

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[51] C07K 14/725 [11] 40061606  
A61K 35/17 CN113412117 A  
[13] A

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[51] C07K 14/725 [11] 40061649  
A61P 35/00 EP3886989 A1  
[13] A

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[51] C07K 14/725 [11] 40061709  
C12N 9/12 EP3938387 A1  
A61P 35/00  
[13] A

[25] EN

[21] 62022051308.4 [22] 07.04.2022

[86] 13.03.2020 PCT/US2020/022752

[87] 24.09.2020 WO2020/190771

[30] 15.03.2019 US,US201962819386P

[54] CHIMERIC ADAPTOR AND KINASE SIGNALING PROTEINS AND THEIR USE  
IN IMMUNOTHERAPY  
嵌合銜接子和激酶信號傳導蛋白及其在免疫療法中的用途

[71] The United States of America, as represented by the  
Secretary, Department of Health and Human Services  
Office of Technology Transfer, National Institutes of Health,  
6011 Executive Boulevard, Suite 325  
MSC 7660, Bethesda, Maryland 20892-7660  
UNITED STATES OF AMERICA

[72] BALAGOPALAN, Lakshmi  
YI, Chang Kyun  
MCINTIRE, Katherine Marie  
SAMELSON, Lawrence Elliot

[74] HONGKONG TRUER IP LIMITED  
Rooms 1318-20, 13/F, Hollywood Plaza  
610 Nathan Road, Mongkok, Kowloon  
HONG KONG

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[51] C07K 14/755 [11] 40061500  
EP3889173 A1  
[13] A

[25] EN

[21] 42022051177.8 [22] 04.04.2022

[30] 15.02.2013 US,US201361765626P

[54] OPTIMIZED FACTOR VIII GENE  
優化因數 VIII 基因

[71] Bioverativ Therapeutics Inc.  
225 Second Avenue  
Waltham MA 02451  
UNITED STATES OF AMERICA

[72] TAN, Siyuan  
PETERS, Robert, T.

[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] C07K 14/755 [11] 40061717  
EP3911672 A1  
[13] A

[25] EN

[21] 62022051397.7 [22] 08.04.2022

[86] 15.01.2020 PCT/US2020/013722

[87] 23.07.2020 WO2020/150375

[30] 16.01.2019 US,62/793,058

[54] VIRAL VECTORS ENCODING RECOMBINANT FVIII VARIANTS WITH  
INCREASED EXPRESSION FOR GENE THERAPY OF HEMOPHILIA A  
用於 A 型血友病的基因療法的編碼表達增加的重組 FVIII 變體的病毒載體

[71] Baxalta Incorporated  
1200 Lakeside Drive  
Bannockburn, IL 60015  
UNITED STATES OF AMERICA

Baxalta GmbH  
Zaehlerweg 4  
6300 Zug  
SWITZERLAND

[72] ROTTENSTEINER, Hanspeter  
SCHEIFLINGER, Friedrich

[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] C07K 14/795 [11] 40061619  
A23J 3/20 EP3876746 A2  
[13] A

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[51] C07K 14/795 [11] 40061620  
A23J 3/20 EP3876745 A2  
[13] A

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[51] C07K 16/00 [11] 40061463  
A01K 67/027 EP3895528 A1  
[13] A

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[51] C07K 16/00 [11] 40061555  
C12P 19/04 CN113728109 A  
[13] A

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[51] C07K 16/00 [11] 40061615  
C07K 14/505 EP3894434 A1  
[13] A

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[51] C07K 16/00 [11] 40061669  
A61K 39/395 EP3886903 A1  
[13] A

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[51] C07K 16/08 [11] 40061503  
C07K 16/10 CN113480640 A  
A61K 31/00  
A61K 39/00  
A61P 31/16  
[13] A

[25] ZH

[21] 42022051190.1 [22] 06.04.2022

[30] 01.06.2015 US, 62/169272

[54] NEUTRALIZING ANTI-INFLUENZA BINDING MOLECULES AND USES  
THEREOF

中和抗流感結合分子及其用途

[71] MedImmune, LLC  
ONE MEDIMMUNE WAY  
GAITHERSBURG, MD 20878  
UNITED STATES OF AMERICA

[72] NICOLE KALLEWAARD-LELAY  
QING ZHU  
GODFREY JONAH RAINEY  
CUIHUA GAO  
SRINATH KASTURIRANGAN  
CHANGSHOU GAO

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

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[51] C07K 16/08 [11] 40061690  
C07K 16/10 EP3898668 A2  
A61K 31/522  
A61K 39/395  
A61P 31/14  
A61P 31/20  
[13] A

[25] EN

[21] 62022051283.9 [22] 07.04.2022

[86] 18.12.2019 PCT/US2019/067216  
[87] 25.06.2020 WO2020/132091  
[30] 19.12.2018 US, 62/782,274  
11.06.2019 US, 62/860,085  
[54] ANTIBODIES THAT NEUTRALIZE HEPATITIS B VIRUS AND USES THEREOF  
中和乙型肝炎病毒的抗體和其用途  
[71] Humabs Biomed SA  
Via dei Gaggini, 3  
6500 Bellinzona  
SWITZERLAND  
[72] CORTI, Davide  
[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F., Greenfield Tower, Concordia Plaza  
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HONG KONG

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[51] C07K 16/10 [11] 40061503  
C07K 16/08 CN113480640 A  
[13] A

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[51] C07K 16/10 [11] 40061690  
C07K 16/08 EP3898668 A2  
[13] A

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[51] C07K 16/10 [11] 40061728  
A01K 67/027 EP3945800 A1  
[13] A

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[51] C07K 16/18 [11] 40061589  
A61P 35/00 CN113423732 A  
A61K 39/395  
A61K 47/55  
[13] A

[25] EN

[21] 62022049597.7 [22] 09.03.2022

[86] 05.09.2019 PCT/US2019/049653  
[87] 12.03.2020 WO2020/051275  
[30] 05.09.2018 US, 62/727,140  
[54] MONOCLONAL ANTIBODIES AGAINST ENDOTROPHIN AND THE USE THEREOF  
針對 ENDOTROPHIN 的單克隆抗體及其用途  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM  
德克萨斯大学系统董事会  
210 West 7th Street, Austin, TX 78701

UNITED STATES OF AMERICA

美國

得克萨斯州

[72] ZHANG, Ningyan 张宁彦

BU, Dawei 步大伟

AN, Zhiqiang 安志强

DENG, Hui 邓辉

SCHERER, Philipp, E. 菲利普·E·舍雷尔

[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

[51] C07K 16/18

C07K 16/28

C07K 16/30

[11] 40061640

EP3969473 A1

[13] A

[25] EN

[21] 62022050669.0

[22] 25.03.2022

[86] 15.05.2020 PCT/GB2020/051199

[87] 19.11.2020 WO2020/229842

[30] 15.05.2019 GB,1906870.9

15.05.2019 GB,1906872.5

[54] BINDING MOLECULES

結合分子

[71] Crescendo Biologics Limited

Meditrina Building 260 Babraham Research Campus Cambridge

Cambridgeshire CB22 3AT

UNITED KINGDOM

[72] DUNLEVY, Grainne

JOHNSTON, Colette

SYDORUK, Daniela

LEWANDOWSKA, Martyna

[74] ELLALAN

26th - 28th Floors, The Hennessy

256 Hennessy Road, Wanchai

HONG KONG

[51] C07K 16/18

A61K 39/395

[11] 40061669

EP3886903 A1

[13] A

[51] C07K 16/24

A61K 39/395

[11] 40061520

EP3912640 A1



[13] A

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[51] C07K 16/24 [11] 40061679  
EP3911676 A1  
[13] A

[25] EN

[21] 62022051159.1 [22] 04.04.2022

[86] 14.01.2020 PCT/IB2020/050266

[87] 23.07.2020 WO2020/148651

[30] 15.01.2019 US, 62/792,568  
19.03.2019 US, 62/820,593  
12.09.2019 US, 62/899,171

[54] ANTI-TNF ANTIBODY COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF JUVENILE IDIOPATHIC ARTHRITIS  
用於治療幼年特發性關節炎的抗 TNF 抗體組合物和方法

[71] Janssen Biotech, Inc.  
800/850 Ridgeview Drive  
Horsham, PA 19044  
UNITED STATES OF AMERICA

[72] Karen BENSLEY  
Michael CLARK  
Jocelyn LEU  
Zhenhua XU

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] C07K 16/24 [11] 40061680  
A61K 39/395 EP3914618 A1  
A61P 17/06  
[13] A

[25] EN

[21] 62022051160.9 [22] 04.04.2022

[86] 14.01.2020 PCT/IB2020/050269

[87] 30.07.2020 WO2020/152544

[30] 23.01.2019 US, 62/795,914

[54] ANTI-TNF ANTIBODY COMPOSITIONS FOR USE IN METHODS FOR THE  
TREATMENT OF PSORIATIC ARTHRITIS  
用於在治療銀屑病關節炎的方法中使用的抗 TNF 抗體組合物

[71] Janssen Biotech, Inc.  
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UNITED STATES OF AMERICA

[72] Diane D. HARRISON  
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Lee-Lian KIM

Kim Hung LO

[74] DEACONS  
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[51] C07K 16/28 [11] 40061499  
C07K 16/46 CN114085288 A  
C12N 15/13  
A61K 39/395  
A61P 35/00  
A61P 35/02  
G01N 33/68  
G01N 33/577

[13] A

[25] ZH

[21] 42022051169.5 [22] 04.04.2022

[30] 24.08.2020 CN,PCT/CN2020/110841  
30.12.2020 CN,PCT/CN2020/141398

[54] ANTI-ROR1 ANTIBODIES  
抗 ROR1 抗體

[71] EPIMAB BIOTHERAPEUTICS (SUZHOU) CO., LTD.  
BIOBAY BLDG 19, NO.218 SANGTIAN STREET  
SUZHOU INDUSTRIAL PARK, SUZHOU, JIANGSU, 215000  
CHINA

SHANGHAI EPIMAB BIOTHERAPEUTICS CO., LTD.  
FLOOR 6, BUILDING 3, ZHONGKE ROAD 702  
PUDONG NEW DISTRICT, SHANGHAI, 201210  
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[72] SHIYONG GONG  
KEDONG OUYANG  
CHENGBIN WU  
DANQING WU  
XUAN WU  
RUI ZHANG

[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
8 Cheung Yue Street, Cheung Sha Wan, Kowloon  
HONG KONG

[51] C07K 16/28 [11] 40061514  
C07K 16/40 CN113698487 A  
[13] A

[51] C07K 16/28 [11] 40061598  
A61P 9/10 EP3877051 A1  
[13] A

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[51] C07K 16/28 [11] 40061606  
A61K 35/17 CN113412117 A  
[13] A

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[51] C07K 16/28 [11] 40061640  
C07K 16/18 EP3969473 A1  
[13] A

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[51] C07K 16/28 [11] 40061648  
C12N 5/00 EP3898692 A1  
C12N 9/22  
[13] A

[25] EN

[21] 62022050779.7 [22] 29.03.2022

[86] 19.12.2019 PCT/US2019/067613

[87] 25.06.2020 WO2020/132327

[30] 19.12.2018 US,62/782,131

[54] USE OF CD2/5/7 KNOCK-OUT ANTI-CD2/5/7 CHIMERIC ANTIGEN  
RECEPTOR T CELLS AGAINST T CELL LYMPHOMAS AND LEUKEMIAS  
CD2/5/7 敲除抗-CD2/5/7 嵌合抗原受體 T 細胞針對 T 細胞淋巴瘤和白血病的用途

[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA  
3600 Civic Center Boulevard, 9th Floor  
Philadelphia, PA 19104  
UNITED STATES OF AMERICA

[72] RUELLA, Marco  
GILL, Saar  
JUNE, Carl H.  
POSEY, Avery D.  
POWELL, Daniel J.

[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
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[51] C07K 16/28 [11] 40061649  
A61P 35/00 EP3886989 A1  
[13] A

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[51] C07K 16/28 [11] 40061663  
A61K 31/407 EP3886842 A1  
[13] A

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[51] C07K 16/28 [11] 40061697  
A61P 35/00 EP3976652 A1  
[13] A

[25] EN

[21] 62022051291.2 [22] 07.04.2022

[86] 22.05.2020 PCT/US2020/034158

[87] 03.12.2020 WO2020/242919

[30] 29.05.2019 US,62/853,816

[54] TIGIT AND PD-1/TIGIT-BINDING MOLECULES  
TIGIT 和 PD-1/TIGIT-結合分子

[71] ELI LILLY AND COMPANY  
Lilly Corporate Center  
Indianapolis, IN 46206-6288  
UNITED STATES OF AMERICA

[72] FENG, Yiqing  
KUMAR, Naresh  
PANCOOK, James David  
TRUHLAR, Stephanie Marie  
ZHAO, Yang

[74] MARKS & CLERK  
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100 Cyberport Road, Pok Fu Lam  
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[51] C07K 16/28 [11] 40061708  
A61K 31/517 EP3897650 A1  
[13] A

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[51] C07K 16/28 [11] 40061743  
A61K 39/395 EP3890778 A1  
[13] A

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[51] C07K 16/28 [11] 40061757  
A61P 35/00 EP3898685 A1  
A61K 39/395  
[13] A

[25] EN

[21] 62022051451.2 [22] 11.04.2022

[86] 20.12.2019 PCT/NL2019/050864

- [87] 25.06.2020 WO2020/130829
- [30] 20.12.2018 EP,18214478.2
- [54] CLEC12AXCD3 BISPECIFIC ANTIBODIES AND METHODS FOR THE  
TREATMENT OF DISEASE  
用於治療疾病的 CLEC12AXCD3 雙特異性抗體和方法
- [71] Merus N.V.  
Yalelaan 62, 3584 CM Utrecht  
NETHERLANDS
- [72] BAKKER, Alexander Berthold Hendrik  
BOL, Cornelis Jacob Johannes George  
VAN LOO, Pieter Fokko  
SIRULNIK, Leonardo Andres  
WASSERMAN, Ernesto Isaac
- [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] | C07K 16/30  | [11] | 40061426     |
|      | A61K 39/395 |      | EP3868405 A1 |
|      |             | [13] | A            |
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|------|------------|------|--------------|
| [51] | C07K 16/30 | [11] | 40061608     |
|      | A61K 31/00 |      | EP3953393 A1 |
|      |            | [13] | A            |
- [25] EN
- [21] 62022049647.0 [22] 09.03.2022
- [86] 08.04.2020 PCT/EP2020/060054
- [87] 15.10.2020 WO2020/208088
- [30] 09.04.2019 EP,19168253.3
- [54] PHARMACEUTICAL COMBINATION OF AN EP4 ANTAGONIST AND IMMUNE  
CHECKPOINT INHIBITORS FOR THE TREATMENT OF TUMOURS  
用於治療腫瘤的 EP4 拮抗劑和免疫檢查點抑制劑的藥物組合
- [71] Rottapharm Biotech S.r.l.  
Via Valosa di Sopra 9  
20900 Monza  
ITALY
- [72] ROVATI, Lucio Claudio  
GIORDANI, Antonio  
MAGARACI, Filippo  
CASELLI, Gianfranco  
PIEPOLI, Tiziana  
MAGGIONI, Daniele  
BONAZZI, Albino
- [74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100

Cyberport Road  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/30 | [11] | 40061640     |
|      | C07K 16/18 |      | EP3969473 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 16/40  | [11] | 40061514      |
|      | C07K 16/28  |      | CN113698487 A |
|      | C12N 15/13  |      |               |
|      | A61K 39/395 |      |               |
|      | A61P 31/14  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42022051223.0 [22] 06.04.2022

[54] HUMANIZED MONOCLONAL ANTIBODY FOR HUMAN ANGIOTENSIN-  
CONVERTING ENZYME 2 AND USE THEREOF  
抗人 ACE2 單克隆抗體及其應用

[71] Institute of Microbiology, Chinese Academy of Sciences  
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[72] YAN, Jinghua 嚴景華  
SHI, Rui 史瑞

[74] MARKS & CLERK  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 16/40 | [11] | 40061597     |
|      | A61K 39/00 |      | EP3920965 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/46  | [11] | 40061463     |
|      | A01K 67/027 |      | EP3895528 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 16/46 | [11] | 40061499      |
|      | C07K 16/28 |      | CN114085288 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 16/46 | [11] | 40061630      |
|      | G01N 21/59 |      | CN113646622 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 16/46  | [11] | 40061669     |
|      | A61K 39/395 |      | EP3886903 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 19/00 | [11] | 40061571      |
|      | C07K 14/46 |      | CN113966340 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 19/00 | [11] | 40061630      |
|      | G01N 21/59 |      | CN113646622 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 19/00  | [11] | 40061669     |
|      | A61K 39/395 |      | EP3886903 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 19/00 | [11] | 40061688      |
|      | A61K 39/00 |      | CN113905757 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | C07K 5/10  | [11] | 40061702     |
|      | C07K 5/11  |      | EP3898652 A1 |
|      | C07K 5/117 |      |              |
|      | A61P 9/10  |      |              |
|      | A61K 38/00 |      |              |
|      |            | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022051297.9 | [22] | 07.04.2022 |
|------|---------------|------|------------|

[86] 19.11.2019 PCT/US2019/062283

[87] 25.06.2020 WO2020/131282

[30] 18.12.2018 US, 62/781,153

28.08.2019 US, 62/892,939

[54] MITOCHONDRIA-TARGETING PEPTIDES

線粒體靶向肽

[71] Stealth BioTherapeutics Inc.  
140 Kendrick Street, Building C-West  
Needham, MA 02494  
UNITED STATES OF AMERICA

[72] Guozhu ZHENG  
Mark, J. BAMBERGER  
Inese SMUKSTE

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] C07K 5/10 [11] 40061703  
C07K 5/11 EP3898653 A1  
A61P 9/10  
A61K 38/00

[13] A

[25] EN

[21] 62022051298.7 [22] 07.04.2022

[86] 19.11.2019 PCT/US2019/062284

[87] 25.06.2020 WO2020/131283

[30] 18.12.2018 US,62/781,156

[54] ANALOGS THAT TARGET MITOCHONDRIAL DISEASES  
靶向線粒體疾病的類似物

[71] Stealth BioTherapeutics Inc.  
140 Kendrick Street, Building C-West  
Needham, MA 02494  
UNITED STATES OF AMERICA

[72] Guozhu ZHENG  
Mark, J. BAMBERGER  
Inese SMUKSTE

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] C07K 5/10 [11] 40061712  
A61K 38/07 EP3890765 A1

[13] A

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[51] C07K 5/11 [11] 40061702  
C07K 5/10 EP3898652 A1

[13] A

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|------|-----------|------|--------------|
| [51] | C07K 5/11 | [11] | 40061703     |
|      | C07K 5/10 |      | EP3898653 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07K 5/117 | [11] | 40061702     |
|      | C07K 5/10  |      | EP3898652 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C08F 20/60 | [11] | 40061655      |
|      | B01J 20/26 |      | CN113840653 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C08F 220/60 | [11] | 40061655      |
|      | B01J 20/26  |      | CN113840653 A |
|      |             | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | C08J 3/16 | [11] | 40061641     |
|      | A61K 9/51 |      | EP3962464 A1 |
|      |           | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C08J 9/06 | [11] | 40061445      |
|      | C08L 5/02 |      | CN114058087 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C08J 9/12 | [11] | 40061445      |
|      | C08L 5/02 |      | CN114058087 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | C08J 9/22 | [11] | 40061445      |
|      | C08L 5/02 |      | CN114058087 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C08J 9/32 | [11] | 40061445      |
|      | C08L 5/02 |      | CN114058087 A |
|      |           | [13] | A             |

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|------|---------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | C08K 3/04<br>B32B 15/02<br>B32B 15/04                                                                                           | [11] | 40061560<br>EP3880746 A1 |
|      |                                                                                                                                 | [13] | A                        |
| [25] | EN                                                                                                                              |      |                          |
| [21] | 62022048832.9                                                                                                                   | [22] | 24.02.2022               |
| [86] | 13.11.2019 PCT/US2019/061231                                                                                                    |      |                          |
| [87] | 22.05.2020 WO2020/102392                                                                                                        |      |                          |
| [30] | 13.11.2018 US,62/760,376                                                                                                        |      |                          |
| [54] | TRANSPARENT CONDUCTIVE CIRCUIT<br>透明導電電路                                                                                        |      |                          |
| [71] | CHASM ADVANCED MATERIALS, INC.<br>480 NEPONSET STREET, SUITE 6, CANTON, MA 02021<br>UNITED STATES OF AMERICA                    |      |                          |
| [72] | HEROUX, RICHARD P.<br>TURNER, TIMOTHY ALAN<br>ARTHUR, DAVID JOSEPH<br>ARTHUR, SEAN PATRICK                                      |      |                          |
| [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] | C08K 3/36<br>B02C 19/00 | [11] | 40061592<br>CN113382804 A |
|      |                         | [13] | A                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | C08K 5/053<br>C08L 5/02 | [11] | 40061445<br>CN114058087 A |
|      |                         | [13] | A                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | C08K 5/098<br>C08L 5/02 | [11] | 40061445<br>CN114058087 A |
|      |                         | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | C08K 5/1535<br>C08L 5/02 | [11] | 40061445<br>CN114058087 A |
|      |                          | [13] | A                         |

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|      |                                        |      |                           |
|------|----------------------------------------|------|---------------------------|
| [51] | C08L 101/12<br>B29D 7/01<br>B65D 33/00 | [11] | 40061749<br>CN114127199 A |
|------|----------------------------------------|------|---------------------------|

[13] A

[25] EN

[21] 62022051438.9

[22] 09.04.2022

[86] 13.07.2020 PCT/US2020/041826

[87] 21.01.2021 WO2021/011483

[30] 18.07.2019 US, 62/875,633

[54] FILMS AND BAGS HAVING GRADIENT DEFORMATION PATTERNS  
具有漸變變形圖案的膜和袋

[71] THE GLAD PRODUCTS COMPANY

格拉德产品公司

1221 Broadway

Oakland, CA 94612

UNITED STATES OF AMERICA

[72] TUCKER, Edward, B. E·B·塔克

DORSEY, Robert, T. R·T·多尔西

ZHU, Ranyi 朱然一

FITES, Theodore, Cory 西奥多·科里·菲茨

VIDOVIC, Zeljko 泽利科·维多维克

BORCHARDT, Michael, G. M·G·博哈特

MAXWELL, Jason, R. J·R·马克斯韦尔

BROERING, Shaun, T. S·T·布罗林

PECK, Daniel, C. 丹尼尔·C·佩克

[74] HNC INNOVATION LIMITED

Units 1205-1208, Cyberport 2, No. 100

Cyberport Road

HONG KONG

[51] C08L 23/06

C08L 5/02

[11] 40061445

CN114058087 A

[13] A

[51] C08L 23/08

C08L 5/02

[11] 40061445

CN114058087 A

[13] A

[51] C08L 23/12

C08L 5/02

[11] 40061445

CN114058087 A

[13] A

[51] C08L 3/02

C08L 5/02

[11] 40061445

CN114058087 A

[13] A

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[51] C08L 5/02 [11] 40061445  
C08L 23/08 CN114058087 A  
C08L 3/02  
C08K 5/053  
C08K 5/098  
C08K 5/1535  
C08L 23/12  
C08L 23/06  
C08J 9/12  
C08J 9/06  
C08J 9/32  
C08J 9/22  
[13] A

[25] ZH

[21] 42022050115.9 [22] 16.03.2022

[30] 05.08.2020 US,16/985,238

[54] ENVIRONMENTALLY DEGRADABLE PLASTIC MASTER BATCH COMPOSITION  
AND USING THEREOF  
可環境降解塑料的母粒組合物及其用途

[71] Nano and Advanced Materials Institute Limited  
纳米及先进材料研发院有限公司  
Units 515-517, 5/F, Lakeside 1  
No. 8 Science Park West Avenue, Hong Kong Science Park,  
Shatin, New Territories  
HONG KONG

[72] 刘先桥  
陈玥颖  
王昱燊

[74] IDEA INTELLECTUAL LIMITED  
21st Floor, Skyway Centre  
23 Queen's Road West, Sheung Wan  
HONG KONG

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[51] C08L 79/02 [11] 40061564  
C08L 79/08 EP3877465 A1  
B29C 64/118  
B33Y 10/00  
[13] A

[25] DE

[21] 62022048842.8 [22] 24.02.2022

[86] 12.11.2020 PCT/DE2020/100964

[87] 27.05.2021 WO2021/098910

[30] 18.11.2019 DE,10 2019 131 083.0

[54] USE OF CAST-POLYAMIDE FILAMENT AND CAST-POLYAMIDE GRANULAR MATERIAL FOR ADDITIVE MANUFACTURING, AND PRODUCTION PROCESS  
澆鑄聚酰胺長絲和澆鑄聚酰胺顆粒材料用於進行增材製造的用途以及生產工藝

[71] Elkamet Kunststofftechnik GmbH  
Georg-Kramer-Strasse 3  
35216 Biedenkopf  
GERMANY

[72] EMRICH, Marco  
FLAMMER, Eberhard  
NEEBE, Martin

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C08L 79/08 | [11] | 40061564     |
|      | C08L 79/02 |      | EP3877465 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C08L 79/08 | [11] | 40061732     |
|      | H01M 4/133 |      | EP3977543 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C09C 1/48  | [11] | 40061590      |
|      | C09C 1/56  |      | CN113454168 A |
|      | C10B 53/02 |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022049598.5 [22] 09.03.2022

[86] 07.11.2019 PCT/US2019/060366

[87] 14.05.2020 WO2020/097402

[30] 07.11.2018 US, 62/756,968

[54] BIOLOGICAL INKS AND COATINGS AND ASSOCIATED METHODS  
生物墨水和塗料及相關方法

[71] LIVING INK TECHNOLOGIES, LLC  
活墨水技術有限公司  
1406 Laporte Ave., Fort Collins  
Colorado 80521  
UNITED STATES OF AMERICA

[72] ALBERS, Stevan S·阿尔贝斯  
FULBRIGHT, Scott S·富布赖特

[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] | C09C 1/56 | [11] | 40061590      |
|      | C09C 1/48 |      | CN113454168 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C09D 1/00  | [11] | 40061725     |
|      | C09D 5/14  |      | EP3894484 A1 |
|      | C23C 18/12 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022051406.6 [22] 08.04.2022

[86] 05.12.2019 PCT/EP2019/083778

[87] 18.06.2020 WO2020/120272

[30] 10.12.2018 GB,1820094.9

05.03.2019 CO,NC2019/0002089

07.05.2019 OM,OM/P/2019/00192

20.06.2019 TW,108121577

[54] P-DOPED SURFACE COATINGS AND PROCESS OF PREPARATION THEREOF  
摻磷表面塗料及其製備方法

[71] Kastus Technologies Dac  
1st Floor, Block A Cookstown Court, Old Belgard Road  
Tallaght, Dublin 24  
IRELAND

[72] KENNEDY, James  
LEYLAND, Nigel

[74] ACCOLADE IP LIMITED  
10/F, Fu Fai Comm. Ctr.  
27 Hillier Street, Sheung Wan  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 155/02 | [11] | 40061447      |
|      | B28B 1/24   |      | CN113799233 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 159/02 | [11] | 40061447      |
|      | B28B 1/24   |      | CN113799233 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 169/00 | [11] | 40061447      |
|      | B28B 1/24   |      | CN113799233 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 175/04 | [11] | 40061447      |
|      | B28B 1/24   |      | CN113799233 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 177/00 | [11] | 40061447      |
|      | B28B 1/24   |      | CN113799233 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C09D 181/02 | [11] | 40061447      |
|      | B28B 1/24   |      | CN113799233 A |
|      |             | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | C09D 5/14 | [11] | 40061725     |
|      | C09D 1/00 |      | EP3894484 A1 |
|      |           | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C09J 9/02 | [11] | 40061437      |
|      | H05K 3/32 |      | CN113382556 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C10B 53/02 | [11] | 40061590      |
|      | C09C 1/48  |      | CN113454168 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C11B 9/00  | [11] | 40061548      |
|      | A61Q 1/00  |      | CN113677783 A |
|      | A61Q 13/00 |      |               |
|      | A61Q 17/00 |      |               |
|      | A61Q 19/00 |      |               |
|      | A61Q 5/00  |      |               |
|      | C12P 7/42  |      |               |
|      | A23L 27/10 |      |               |
|      | A23L 29/00 |      |               |
|      | A61K 8/36  |      |               |
|      | A61K 8/365 |      |               |
|      | A61K 8/368 |      |               |
|      | A61K 8/37  |      |               |
|      | A61K 8/44  |      |               |
|      |            | [13] | A             |

[25] JA

- [21] 62022048809.7 [22] 24.02.2022
- [86] 23.03.2020 PCT/JP2020/012763
- [87] 01.10.2020 WO2020/196424
- [30] 28.03.2019 JP,2019-064431  
28.03.2019 JP,2019-064432  
29.03.2019 JP,2019-066870  
29.03.2019 JP,2019-066874  
29.03.2019 JP,2019-066883
- [54] WATER-SOLUBLE ADDITIVE COMPOSITION  
水溶性添加劑組合物
- [71] Sumitomo Bakelite Co., Ltd.  
住友電木株式会社  
5-8, Higashi-Shinagawa 2-chome  
Shinagawa-ku, Tokyo 140-0002  
JAPAN
- RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH  
公益財団法人地球環境産業技術研究機構  
9-2, Kizugawadai, Kizugawa-shi, Kyoto 6190292  
JAPAN
- [72] Ryuichi MURATA 村田隆一  
Yusuke INOUE 井上雄介  
Daisuke FUJIWARA 藤原大輔  
Kenya TACHIBANA 橘賢也  
Hiroyuki MIYAUCHI 宮内啓行
- [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] C12B 5/0783 [11] 40061649  
A61P 35/00 EP3886989 A1  
[13] A
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- [51] C12H 1/00 [11] 40061562  
A23C 3/027 CN114007431 A  
[13] A
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- [51] C12H 1/00 [11] 40061685  
A23L 3/00 CN114206130 A  
[13] A
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|------|-----------|------|---------------|
| [51] | C12H 1/08 | [11] | 40061685      |
|      | A23L 3/00 |      | CN114206130 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C12M 1/00 | [11] | 40061512      |
|      | C12M 1/36 |      | CN114085730 A |
|      | C12M 3/00 |      |               |
|      |           | [13] | A             |

[25] ZH

[21] 42022051215.6 [22] 06.04.2022

[30] 22.04.2015 US, 62/151,325

[54] MICROFLUIDIC CELL CULTURE  
微流體細胞培養[71] Berkeley Lights, Inc.  
伯克利之光生命科技公司  
5858 Horton Street  
Suite 320 Emeryville, CA 94608  
UNITED STATES OF AMERICA[72] Randall D. JR LOWE R·D·小罗维  
Kristin BEAUMONT 克丽诗汀·毕奥蒙特  
Aathavan KARUNAKARAN 阿薩凡·卡卢那卡兰  
Natalie MARKS 娜塔莉·马克斯  
Jason M. MCEWEN J·M·麦克尤恩  
Mark P. WHITE M·P·怀特  
J. Tanner NEVILL J·坦纳·内维尔  
Gang F. WANG 王钢锋  
Andrew W. MCFARLAND 安德鲁·W·麦克法兰  
Daniele MALLEO D·马莱奥  
Keith J. BREINLINGER 凯斯·J·布林格  
Xiao GUAN 关晓  
Kevin T. CHAPMAN 凯文·T·查普曼[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] | C12M 1/00 | [11] | 40061523     |
|      | C12Q 1/68 |      | EP3957741 A1 |
|      |           | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C12M 1/00 | [11] | 40061530      |
|      | C12M 1/34 |      | CN113528295 A |

C12M 1/36

C12M 3/00

[13] A

[25] ZH

[21] 42022051357.6

[22] 08.04.2022

[54] A MICROFLUIDIC CHIP CAPABLE OF MULTI-STEP SEQUENTIAL  
REACTION, MICROFLUIDIC METHOD AND ITS APPLICATION THEREOF  
一種可多步時序反應的微流控芯片、微流控方法及其應用

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[51] C12M 1/34 [11] 40061530  
C12M 1/00 CN113528295 A  
[13] A

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[51] C12M 1/36 [11] 40061512  
C12M 1/00 CN114085730 A  
[13] A

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[51] C12M 1/36 [11] 40061530  
C12M 1/00 CN113528295 A  
[13] A

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[51] C12M 3/00 [11] 40061512  
C12M 1/00 CN114085730 A  
[13] A

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| [51] | C12M 3/00 | [11] | 40061530      |
|      | C12M 1/00 |      | CN113528295 A |
|      |           | [13] | A             |

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| [51] | C12N 1/12 | [11] | 40061619     |
|      | A23J 3/20 |      | EP3876746 A2 |
|      |           | [13] | A            |

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| [51] | C12N 1/12 | [11] | 40061620     |
|      | A23J 3/20 |      | EP3876745 A2 |
|      |           | [13] | A            |

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| [51] | C12N 1/15  | [11] | 40061571      |
|      | C07K 14/46 |      | CN113966340 A |
|      |            | [13] | A             |

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| [51] | C12N 1/15   | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | C12N 1/19  | [11] | 40061571      |
|      | C07K 14/46 |      | CN113966340 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | C12N 1/19   | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | C12N 1/20  | [11] | 40061517     |
|      | A61K 47/30 |      | EP3973992 A2 |
|      |            | [13] | A            |

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| [51] | C12N 1/20 | [11] | 40061746     |
|      | A23L 1/30 |      | EP3891267 A1 |
|      |           | [13] | A            |

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| [51] | C12N 1/20  | [11] | 40061760      |
|      | A23C 9/123 |      | CN113905614 A |
|      |            | [13] | A             |

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|      |            |      |               |
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| [51] | C12N 1/21  | [11] | 40061571      |
|      | C07K 14/46 |      | CN113966340 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12N 1/21   | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |

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|------|-----------|------|--------------|
| [51] | C12N 1/38 | [11] | 40061746     |
|      | A23L 1/30 |      | EP3891267 A1 |
|      |           | [13] | A            |

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| [51] | C12N 11/08 | [11] | 40061744     |
|      | C12N 9/22  |      | EP3891276 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C12N 15/00 | [11] | 40061535     |
|      | C12N 15/11 |      | EP3901261 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C12N 15/00 | [11] | 40061540     |
|      | C12N 15/11 |      | EP3901260 A1 |
|      |            | [13] | A            |

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| [51] | C12N 15/09 | [11] | 40061581     |
|      |            |      | EP3950942 A1 |
|      |            | [13] | A            |

[25] JA

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022049531.6 | [22] | 08.03.2022 |
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[86] 03.04.2020 PCT/JP2020/015291

[87] 08.10.2020 WO2020/204159

[30] 05.04.2019 JP,2019-072782

[54] METHOD FOR PRODUCING KNOCK-IN CELL

敲入細胞的製作方法

[71] OSAKA UNIVERSITY  
1-1, YAMADAOKA, SUITASHI, OSAKA 565-0871  
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[72] MASHIMO, TOMOJI  
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UNO, YOSHIHIRO  
KOTANI, YUKO  
MIYASAKA, YOSHIKI  
OKA, YUICHIRO  
SATO, MAKOTO

[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] | C12N 15/09<br>A61K 39/395 | [11] | 40061669<br>EP3886903 A1 |
|      |                           | [13] | A                        |

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|------|--------------------------|------|--------------------------|
| [51] | C12N 15/09<br>A61K 35/12 | [11] | 40061713<br>EP3976065 A1 |
|      |                          | [13] | A                        |

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| [51] | C12N 15/09<br>A23L 1/30 | [11] | 40061746<br>EP3891267 A1 |
|      |                         | [13] | A                        |

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| [51] | C12N 15/10<br>C12N 15/11 | [11] | 40061535<br>EP3901261 A1 |
|      |                          | [13] | A                        |

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|------|--------------------------|------|--------------------------|
| [51] | C12N 15/10<br>C12N 15/11 | [11] | 40061540<br>EP3901260 A1 |
|      |                          | [13] | A                        |

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|------|---------------------------|------|--------------------------|
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|      |                           | [13] | A                        |

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A61K 31/7125 EP3914260 A1  
[13] A

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[51] C12N 15/10 [11] 40061744  
C12N 9/22 EP3891276 A1  
[13] A

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[51] C12N 15/11 [11] 40061523  
C12Q 1/68 EP3957741 A1  
[13] A

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[51] C12N 15/11 [11] 40061535  
A61K 39/215 EP3901261 A1  
A61K 45/06  
C12N 15/00  
C12N 15/10  
C07H 21/00  
C07H 21/02  
[13] A

[25] EN

[21] 42022051367.5 [22] 08.04.2022

[30] 22.04.2020 EP, PCT/EP2020/061239  
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31.07.2020 EP, PCT/EP2020/071733  
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20.11.2020 EP, PCT/EP2020/082989  
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02.12.2020 EP, PCT/EP2020/084342  
08.12.2020 EP, PCT/EP2020/085145  
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03.02.2021 EP, PCT/EP2021/052572  
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24.02.2021 EP, PCT/EP2021/054622

- [54] CORONAVIRUS VACCINE  
冠狀病毒疫苗
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MUIK, Alexander  
VOGEL, Annette  
WALZER, Kerstin  
WITZEL, Sonja  
HEIN, Stephanie  
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A61K 39/215 EP3901260 A1  
A61K 45/06  
C12N 15/00  
C12N 15/10  
C07H 21/00  
C07H 21/02

[13] A

[25] EN

[21] 42022051381.6 [22] 08.04.2022

- [30] 22.04.2020 EP, PCT/EP2020/061239  
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08.12.2020 EP, PCT/EP2020/085145  
10.12.2020 EP, PCT/EP2020/085653  
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15.01.2021 EP, PCT/EP2021/050875  
26.01.2021 EP, PCT/EP2021/051772

03.02.2021 EP,PCT/EP2021/052572

04.02.2021 EP,PCT/EP2021/052716

24.02.2021 EP,PCT/EP2021/054622

[54] CORONAVIRUS VACCINE  
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[71] BioNTech SE  
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[72] SAHIN, Ugur  
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KUHN, Andreas  
MUIK, Alexander  
VOGEL, Annette  
WALZER, Kerstin  
WITZEL, Sonja  
HEIN, Stephanie  
TÜRECI, Özlem

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|------|------------|------|--------------|
| [51] | C12N 15/11 | [11] | 40061620     |
|      | A23J 3/20  |      | EP3876745 A2 |
|      |            | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | C12N 15/11   | [11] | 40061658     |
|      | A61K 31/7125 |      | EP3914260 A1 |
|      |              | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 15/11 | [11] | 40061744     |
|      | C12N 9/22  |      | EP3891276 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12N 15/113 | [11] | 40061440      |
|      | A61K 31/713 |      | CN113430196 A |
|      | A61P 35/00  |      |               |
|      | A61P 1/16   |      |               |
|      | A61P 31/20  |      |               |
|      | A61P 29/00  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42022050081.3 [22] 16.03.2022



- [30] 30.06.2011 EP,11172235.1
- [54] COMPOSITIONS AND METHODS FOR INHIBITING GENE EXPRESSION OF  
HEPATITIS B VIRUS  
用於抑制乙型肝炎病毒的基因表達的組合物和方法
- [71] ARROWHEAD PHARMACEUTICALS, INC.  
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- [72] DANIEL CHIN  
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MARKUS HOSSBACH  
MATTHIAS JOHN
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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- [51] C12N 15/113 [11] 40061619  
A23J 3/20 EP3876746 A2  
[13] A
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A23J 3/20 EP3876745 A2  
[13] A
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- [51] C12N 15/12 [11] 40061571  
C07K 14/46 CN113966340 A  
[13] A
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- [51] C12N 15/13 [11] 40061499  
C07K 16/28 CN114085288 A  
[13] A
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- [51] C12N 15/13 [11] 40061514  
C07K 16/40 CN113698487 A  
[13] A
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- [51] C12N 15/13 [11] 40061622  
C12N 15/85 CN114080454 A  
[13] A
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[51] C12N 15/13 [11] 40061684  
A61K 39/395 CN114007643 A  
[13] A

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[51] C12N 15/29 [11] 40061450  
CN114107325 A  
[13] A

[25] ZH

[21] 42022050142.3 [22] 17.03.2022

[54] METAGENOMIC INTERNAL REFERENCE, PREPARATION METHOD AND  
APPLICATION THEREOF, AND METAGENOMIC BLOODSTREAM PATHOGEN  
DETECTION METHOD

宏基因組內參及其製備方法和應用以及宏基因組血流病原體檢測方法

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C12N 15/86 CN113518824 A  
[13] A

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[51] C12N 15/45 [11] 40061541  
C12N 5/10 CN113677792 A  
[13] A

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| [51] | C12N 15/50  | [11] | 40061489      |
|      | A61K 39/215 |      | CN113521269 A |
|      |             | [13] | A             |

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| [51] | C12N 15/55  | [11] | 40061610     |
|      | C12N 15/864 |      | EP3898981 A1 |
|      | C12N 9/16   |      |              |
|      | C12N 5/10   |      |              |
|      | A61K 38/46  |      |              |
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[25] EN

[21] 62022049649.6 [22] 09.03.2022

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[54] METHODS AND COMPOSITIONS FOR TREATING GLYCOGEN STORAGE DISEASES

用於治療糖原貯積病的方法和組合物

[71] Ultragenyx Pharmaceutical Inc.

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[72] TIPPER, Christopher

CLARK, Kelly Reed

WADSWORTH, Samuel

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| [51] | C12N 15/62  | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | C12N 15/63 | [11] | 40061571      |
|      | C07K 14/46 |      | CN113966340 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12N 15/63  | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |

[13] A

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[51] C12N 15/63 [11] 40061751  
C12N 15/86 CN113518824 A  
[13] A

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[51] C12N 15/82 [11] 40061609  
EP3877530 A1  
[13] A

[25] EN

[21] 62022049648.8 [22] 09.03.2022

[86] 08.11.2019 PCT/US2019/060389

[87] 14.05.2020 WO2020/097414

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[54] CONTROL OF INSECT INFESTATION  
蟲害控制

[71] Greenlight Biosciences, Inc.  
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DESAI, Suresh  
SRIDHARAN, Krishnakumar

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[51] C12N 15/85 [11] 40061463  
A01K 67/027 EP3895528 A1  
[13] A

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[51] C12N 15/85 [11] 40061583  
A61K 48/00 EP3877002 A2  
[13] A

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[51] C12N 15/85 [11] 40061622  
C12N 15/90 CN114080454 A  
C12N 15/13  
C40B 40/02  
[13] A

[25] EN  
[21] 62022049664.5 [22] 09.03.2022  
[86] 26.06.2020 PCT/US2020/039753  
[87] 30.12.2020 WO2020/264253  
[30] 26.06.2019 US, 62/866,893  
19.03.2020 US, 62/991,708  
[54] RANDOMIZED CONFIGURATION TARGETED INTEGRATION OF NUCLEIC  
ACIDS  
核酸的隨機化構型靶向整合  
[71] F. HOFFMANN-LA ROCHE AG  
豪夫迈·罗氏有限公司  
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SWITZERLAND  
瑞士  
巴塞尔  
[72] MISAGHI, Shahram S·米沙吉  
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C12N 7/01 CN113518824 A  
C12N 15/35  
C07K 14/015  
A61P 1/16  
C12N 15/63  
[13] A  
[25] EN  
[21] 62022051441.3 [22] 09.04.2022  
[86] 15.10.2020 PCT/CN2020/121099  
[87] 22.04.2021 WO2021/073568  
[30] 16.10.2019 CN, PCT/CN2019/111525  
[54] A NOVEL AVV VARIANT  
新的 AAV 變體  
[71] WUXI APPTEC (SHANGHAI) CO., LTD.  
上海药明康德新药开发有限公司  
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|      | C12N 15/55  |      | EP3898981 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | C12N 15/864 | [11] | 40061752      |
|      | C40B 40/08  |      | CN114207196 A |
|      |             | [13] | A             |

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| [51] | C12N 15/867 | [11] | 40061727     |
|      | C07K 14/15  |      | EP3976805 A1 |
|      | A61P 35/00  |      |              |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022051408.2 | [22] | 08.04.2022 |
|------|---------------|------|------------|

[86] 27.05.2020 PCT/US2020/034639

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[54] VIRAL VECTORS AND THEIR USE IN ADOPTIVE CELLULAR THERAPY  
病毒載體及其在細胞過繼療法中的用途

[71] IMMATICS US, INC.  
伊瑪提克斯美國公司  
2201 W. Holcombe Blvd. Suite 205 Houston, TX 77030  
UNITED STATES OF AMERICA  
美國  
得克薩斯州休斯頓

[72] MATA, Melinda  
BULLIARD, Yannick  
KALRA, Mamta

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

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C12N 15/90 | [11] | 40061622      |
|      | C12N 15/85 |      | CN114080454 A |
|      |            | [13] | A             |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | C12N 15/90<br>A01K 67/027 | [11] | 40061728<br>EP3945800 A1 |
|      |                           | [13] | A                        |

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| [51] | C12N 5/00<br>C07K 16/28 | [11] | 40061648<br>EP3898692 A1 |
|      |                         | [13] | A                        |

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| [51] | C12N 5/0793<br>C12N 5/0797 | [11] | 40061521<br>CN113481159 A |
|      |                            | [13] | A                         |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42022051255.2 | [22] | 06.04.2022 |
|------|---------------|------|------------|

[30] 04.11.2011 US, 61/555,828

[54] MIDBRAIN DOPAMINE (DA) NEURONS FOR ENGRAFTMENT  
用於植入的中腦多巴胺 (DA) 神經元

[71] MEMORIAL SLOAN-KETTERING CANCER CENTER  
紀念斯隆-凱特琳癌症中心  
1275 York Avenue  
New York, NY 10065  
UNITED STATES OF AMERICA

[72] STUDER, Lorenz L·施图德  
SHIM, Jae-Won J·W·沈  
KRIKS, Sonja S·克里克斯

[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 5/0797<br>C12N 5/0793 | [11] | 40061521<br>CN113481159 A |
|      |                            | [13] | A                         |

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|------|--------------------------------------------------------------------|------|---------------------------|
| [51] | C12N 5/10<br>C12N 15/45<br>C07K 14/18<br>A61K 39/187<br>A61P 31/14 | [11] | 40061541<br>CN113677792 A |
|      |                                                                    | [13] | A                         |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022048797.4 | [22] | 24.02.2022 |
|------|---------------|------|------------|

- [86] 16.04.2020 PCT/CN2020/085037
- [87] 22.10.2020 WO2020/211802
- [30] 18.04.2019 CN, PCT/CN2019/083198
- [54] CSFV SUBUNIT VACCINE  
CSFV 亞單位疫苗
- [71] Boehringer Ingelheim Vetmedica (China) Co., Ltd.  
勃林格殷格翰动物保健(中国)有限公司  
No. 299 Xiangtai Road  
Taizhou, Jiangsu 225300  
CHINA
- [72] CHEN, Ning 陈宁  
LIU, Huanhuan 刘欢欢  
TONG, Chao 童超  
WANG, Jiaying 王佳莹
- [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] | C12N 5/10  | [11] | 40061571      |
|      | C07K 14/46 |      | CN113966340 A |
|      |            | [13] | A             |
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|------|------------|------|--------------|
| [51] | C12N 5/10  | [11] | 40061610     |
|      | C12N 15/55 |      | EP3898981 A1 |
|      |            | [13] | A            |
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|------|-------------|------|---------------|
| [51] | C12N 5/10   | [11] | 40061684      |
|      | A61K 39/395 |      | CN114007643 A |
|      |             | [13] | A             |
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|------|------------|------|---------------|
| [51] | C12N 7/01  | [11] | 40061751      |
|      | C12N 15/86 |      | CN113518824 A |
|      |            | [13] | A             |
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|------|------------|------|--------------|
| [51] | C12N 9/02  | [11] | 40061645     |
|      | A61K 39/00 |      | EP3969039 A1 |
|      |            | [13] | A            |
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|------|------------|------|--------------|
| [51] | C12N 9/04  | [11] | 40061696     |
|      | C12P 21/00 |      | EP3899007 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C12N 9/10  | [11] | 40061696     |
|      | C12P 21/00 |      | EP3899007 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 9/12   | [11] | 40061709     |
|      | C07K 14/725 |      | EP3938387 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 9/16  | [11] | 40061610     |
|      | C12N 15/55 |      | EP3898981 A1 |
|      |            | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | C12N 9/16 | [11] | 40061746     |
|      | A23L 1/30 |      | EP3891267 A1 |
|      |           | [13] | A            |

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|------|------------|------|--------------|
| [51] | C12N 9/22  | [11] | 40061648     |
|      | C07K 16/28 |      | EP3898692 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C12N 9/22  | [11] | 40061744     |
|      | C12N 15/10 |      | EP3891276 A1 |
|      | C12N 15/11 |      |              |
|      | B82Y 5/00  |      |              |
|      | C12N 11/08 |      |              |
|      |            | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022051431.4 | [22] | 08.04.2022 |
|------|---------------|------|------------|

[86] 05.12.2019 PCT/US2019/064780

[87] 11.06.2020 WO2020/118110

[30] 05.12.2018 US,US201862775721P

[54] REDUCED AND MINIMAL MANIPULATION MANUFACTURING OF  
GENETICALLY-MODIFIED CELLS  
轉基因細胞的簡化和最小化的操作製造

[71] Fred Hutchinson Cancer Research Center  
1100 Fairview Avenue North

Seattle, WA 98109  
UNITED STATES OF AMERICA

[72] ADAIR, Jennifer E.  
SHAHBAZI, Reza

[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] | C12N 9/64  | [11] | 40061597     |
|      | A61K 39/00 |      | EP3920965 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12N 9/88  | [11] | 40061696     |
|      | C12P 21/00 |      | EP3899007 A1 |
|      |            | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | C12N 9/88 | [11] | 40061746     |
|      | A23L 1/30 |      | EP3891267 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12P 1/00  | [11] | 40061517     |
|      | A61K 47/30 |      | EP3973992 A2 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C12P 19/04 | [11] | 40061555      |
|      | A61K 39/09 |      | CN113728109 A |
|      | C07K 16/00 |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022048823.8 [22] 24.02.2022

[86] 20.02.2020 PCT/IB2020/051430

[87] 27.08.2020 WO2020/170190

[30] 22.02.2019 US, 62/808,907

[54] METHODS FOR PURIFYING BACTERIAL POLYSACCHARIDES  
純化細菌多糖的方法

[71] PFIZER INC.

辉瑞公司

235 East 42nd Street, New York

New York 10017

UNITED STATES OF AMERICA

- [72] CHU, Ling L·朱  
COOK, Scott Andrew S·A·库克  
MERCHANT, Nishith N·麦钱特  
MORAN, Justin Keith J·K·莫兰
- [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] C12P 21/00 [11] 40061696  
C12N 9/04 EP3899007 A1  
C12N 9/10  
C12N 9/88 [13] A
- [25] EN
- [21] 62022051290.4 [22] 07.04.2022
- [86] 10.12.2019 PCT/EP2019/084504
- [87] 25.06.2020 WO2020/126700
- [30] 20.12.2018 EP,18214562.3
- [54] METHOD FOR REDUCING MISINCORPORATION OF NON-CANONICAL  
BRANCHED-CHAIN AMINO ACIDS  
減少非經典支鏈氨基酸錯摻的方法
- [71] Sanofi-Aventis Deutschland GmbH  
Brüningstrasse 50, 65929 Frankfurt am Main  
GERMANY
- Technische Universität Berlin  
Strasse des 17. Juni 135, 10623 Berlin  
GERMANY
- [72] HAUPTMANN, Peter  
CORCOLES GARCIA, Angel  
LATTEMANN, Claus Tobias  
MATZEN, Arne  
NEUBAUER, Peter
- [74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG

- 
- [51] C12P 21/06 [11] 40061517  
A61K 47/30 EP3973992 A2  
[13] A

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- [51] C12P 7/04 [11] 40061543  
C12P 7/42 EP3884061 A1

[13] A

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[51] C12P 7/22 [11] 40061746  
A23L 1/30 EP3891267 A1  
[13] A

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[51] C12P 7/42 [11] 40061543  
C12P 7/64 EP3884061 A1  
C12P 7/04  
[13] A

[25] EN

[21] 62022048800.6 [22] 24.02.2022

[86] 19.11.2019 PCT/EP2019/081753

[87] 28.05.2020 WO2020/104429

[30] 20.11.2018 EP,18207311.4

[54] METHOD OF PRODUCING HIGHER ALKANONES, PREFERABLY 6-  
UNDECANONE, AND DERIVATIVES THEREOF  
生產高級烷酮優選 6-十一烷酮及其衍生物的方法

[71] Evonik Operations GmbH  
Rellinghauser Straße 1-11  
45128 Essen  
GERMANY

[72] HAAS, Thomas  
RICHTER, Christian  
PAULMANN, Uwe  
HECKER, Anja

[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] C12P 7/42 [11] 40061548  
C11B 9/00 CN113677783 A  
[13] A

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[51] C12P 7/64 [11] 40061543  
C12P 7/42 EP3884061 A1  
[13] A

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[51] C12Q 1/68 [11] 40061523  
C12N 15/11 EP3957741 A1

C12M 1/00  
C12Q 1/6844

[13] A

[25] EN

[21] 42022051332.9 [22] 07.04.2022

[30] 22.11.2013 US,US201361908027P

15.03.2014 US,US201414214850

15.03.2014 WO,WO2014US30034

20.05.2014 US,US201462001050P

[54] NUCLEIC ACID AMPLIFICATION

核酸擴增

[71] Labrador Diagnostics LLC

1209 Orange Street

Wilmington, Delaware 19801

UNITED STATES OF AMERICA

[72] BELHOCINE, Kamila

LEE, Josephine

PATEL, Pranav

RICHARDSON, Aaron

TABAKMAN, Scott

[74] ROBIN BRIDGE & JOHN LIU

6th Floor, Emperor Commercial Centre

39 Des Voeux Road Central

HONG KONG

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[51] C12Q 1/68 [11] 40061667  
A61K 35/17 EP3886878 A1  
[13] A

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[51] C12Q 1/68 [11] 40061673  
C12Q 1/6806 EP3887538 A1  
[13] A

[25] EN

[21] 62022051151.8 [22] 04.04.2022

[86] 27.11.2019 PCT/EP2019/082791

[87] 04.06.2020 WO2020/109412

[30] 28.11.2018 EP,18208936.7

[54] TARGETED ENRICHMENT BY ENDONUCLEASE PROTECTION

通過核酸內切酶保護的靶向富集

[71] Keygene N.V.

P.O. Box 216

6700 AE Wageningen

NETHERLANDS

[72] Stefan John WHITE

René Cornelis Josephus HOGERS

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6806 | [11] | 40061600      |
|      | C12Q 1/6869 |      | CN113677806 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6806 | [11] | 40061673     |
|      | C12Q 1/68   |      | EP3887538 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6837 | [11] | 40061451      |
|      | C12Q 1/6888 |      | CN113584178 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6844 | [11] | 40061523     |
|      | C12Q 1/68   |      | EP3957741 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6869 | [11] | 40061490      |
|      | G01R 19/25  |      | CN114002496 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6869 | [11] | 40061573     |
|      | C12Q 1/6886 |      | EP3874066 A1 |
|      |             | [13] | A            |

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[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62022048960.8 | [22] | 28.02.2022 |
|------|---------------|------|------------|

[86] 30.10.2019 PCT/US2019/058895

[87] 07.05.2020 WO2020/092591

[30] 01.11.2018 US,62/754,094

[54] METHODS AND COMPOSITIONS FOR SOMATIC VARIANT DETECTION  
用於體細胞變體檢測的方法和組合物

[71] ILLUMINA, INC.  
5200 Illumina Way, San Diego, CA 92122  
UNITED STATES OF AMERICA

[72] JU, Jin Hyun

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED  
Unit 503, 5/F., Tower 2, Lippo Centre  
89 Queensway, Admiralty  
HONG KONG

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[51] C12Q 1/6869 [11] 40061600  
C12Q 1/6806 CN113677806 A  
G01N 33/487  
G01N 33/68  
G02B 26/10  
G06T 7/174

[13] A

[25] EN

[21] 62022049626.4 [22] 09.03.2022

[86] 18.09.2019 PCT/US2019/051796

[87] 26.03.2020 WO2020/061237

[30] 19.09.2018 US, 62/733,525

[54] DENSELY-PACKED ANALYTE LAYERS AND DETECTION METHODS  
密集聚集的分析物層和檢測方法

[71] APTON BIOSYSTEMS, INC.

雅普頓生物系統公司

6670 Owens Drive

Pleasanton, California 94588

UNITED STATES OF AMERICA

[72] BALLINGER, Dennis 丹尼斯·巴林杰

BURNS, Norman 諾曼·伯恩斯

FURTADO, Manohar 馬諾哈爾·弗塔多

LIU, Linda (Niandong) 琳達·念東·劉

OWENS, Windsor 溫莎·歐文斯

STAKER, Bryan 布萊恩·斯塔克

[74] HNC INNOVATION LIMITED

Units 1205-1208, Cyberport 2, No. 100

Cyberport Road

HONG KONG

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[51] C12Q 1/6874 [11] 40061601  
CN113383088 A

[13] A

[25] EN

[21] 62022049633.0 [22] 09.03.2022

[86] 18.08.2020 PCT/US2020/046851

[87] 25.02.2021 WO2021/034853

[30] 21.08.2019 US, 62/890,065

[54] ATTACHING NUCLEOTIDES TO A POLYNUCLEOTIDE WITH A POLYMERASE

用聚合酶將核苷酸連接到多核苷酸

- [71] ILLUMINA, INC.  
伊魯米納公司  
5200 ILLUMINA WAY, SAN DIEGO, CA 92122  
UNITED STATES OF AMERICA
- ILLUMINA SINGAPORE PTE. LTD.  
伊魯米納新加坡有限公司  
29 WOODLANDS INDUSTRIAL PARK, E1 NORTH TECH LOBBY 3, #02-13/18  
SINGAPORE 757716  
SINGAPORE
- [72] Yannan ZHAO 趙燕楠  
Kaitlin PUGLIESE K·普格利澤  
Erin GARCIA E·加西亞  
Ludovic VINCENT L·文森特  
Anmiv PRABHU A·普拉布  
Silvia GRAVINA S·格雷維納  
Sergio PEISAJOVICH S·佩薩加維奇  
Yin Nah TEO 張殷娜  
Xiangyuan YANG 楊翔元  
Jeffrey MANDELL J·曼德爾  
Jonathon STUTCHMAN J·斯塔特克曼
- [74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG
- 
- [51] C12Q 1/6883 [11] 40061532  
EP3907300 A1  
[13] A
- [25] EN
- [21] 42022051360.0 [22] 08.04.2022
- [30] 08.06.2016 US,201662347479P  
06.02.2017 US,201762455468P
- [54] COMPOSITIONS FOR DETECTING PREDISPOSITION TO CARDIOVASCULAR DISEASE  
檢測心血管疾病易感性的組合物
- [71] University Of Iowa Research Foundation  
6 Gilmore Hall, 112 North Capitol Street  
Iowa City, Iowa 52242-5500  
UNITED STATES OF AMERICA
- [72] PHILIBERT, Robert  
DOGAN, Meeshanthini
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG



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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6886 | [11] | 40061573     |
|      | C12Q 1/6869 |      | EP3874066 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6886 | [11] | 40061666     |
|      | A61K 31/47  |      | EP3950961 A1 |
|      | A61P 35/00  |      |              |
|      |             | [13] | A            |

[25] ZH

[21] 62022051136.9 [22] 04.04.2022

[86] 23.03.2020 PCT/CN2020/080579

[87] 01.10.2020 WO2020/192606

[30] 25.03.2019 CN,CN201910228411.9

[54] APPLICATION OF KDM5A GENE AND ATRX GENE  
KDM5A 基因和 ATRX 基因的應用

[71] SHENZHEN CHIPSCREEN BIOSCIENCES, CO., LTD.  
深圳微芯生物科技股份有限公司  
中國

深圳市南山區高新中一道十號

深圳生物孵化基地 2 號樓 601-606 室

[72] LU, Xianping 魯先平  
SHAN, Song 山松  
PAN, Desi 潘德思  
NING, Zhiqiang 寧志强

[74] 萬慧達(亞太)諮詢有限公司  
香港  
灣仔港灣道 18 號  
中環廣場 1903 室

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6886 | [11] | 40061753     |
|      |             |      | EP3969622 A1 |
|      |             | [13] | A            |

[25] EN

[21] 62022051443.9 [22] 09.04.2022

[86] 13.05.2020 PCT/US2020/032657

[87] 19.11.2020 WO2020/232109

[30] 13.05.2019 US, 62/847,223

31.05.2019 US, 62/855,289

30.03.2020 US, 63/002,169

[54] MODEL-BASED FEATURIZATION AND CLASSIFICATION  
基於模型的特徵化和分類

[71] Grail, LLC  
1525 O'Brien Drive  
Menlo Park, CA 94025  
UNITED STATES OF AMERICA

[72] FIELDS, Alexander, P.  
BEAUSANG, John, F.  
VENN, Oliver, Claude  
JAMSHIDI, Arash  
MAHER, M., Cyrus  
LIU, Qinwen  
SCHELLENBERGER, Jan  
NEWMAN, Joshua  
CALEF, Robert  
GROSS, Samuel, S.

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

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[51] C12Q 1/6888 [11] 40061451  
C12Q 1/6837 CN113584178 A  
G16B 20/20  
G16B 20/30  
G16B 20/40

[13] A

[25] ZH

[21] 42022050143.1 [22] 17.03.2022

[54] A NON-INVASIVE ANALYSIS METHOD AND DEVICE FOR PATERNITY TESTING  
一種無創親子檢測分析方法和裝置

[71] 深圳华大法医科技有限公司  
中國  
广东省深圳市盐田区  
北山工业区 11 栋 8 楼, 518083

[72] 高升杰  
胡雪松  
李博文  
阳明霞  
李栋  
侯月兰  
叶明芝  
王洪琦

[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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[21] 62022051400.9 [22] 08.04.2022

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[87] 23.07.2020 WO2020/150723

[30] 18.01.2019 GB,1900754.1

[54] MONITORING AND DIAGNOSTIC METHODS FOR FELINE MICROBIOME  
CHANGES

用於貓科動物微生物組變化的監測和診斷方法

[71] Mars, Incorporated

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[72] MARSHALL-JONES, Zoe Z·V·马歇尔·琼斯

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HAYDOCK, Richard R·海多克

O'FLYNN, Ciaran C·奥弗林

WATSON, Phil P·沃森

[74] ROUSE & CO. INTERNATIONAL (OVERSEAS) LIMITED

26/F., Tesbury Centre

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[51] C12Q 1/689 [11] 40061721  
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[13] A

[25] EN

[21] 62022051401.7 [22] 08.04.2022

[86] 20.01.2020 PCT/US2020/014297

[87] 23.07.2020 WO2020/150717

[30] 18.01.2019 GB,1900750.9

[54] MONITORING TOOLS AND DIAGNOSTIC METHODS FOR DETERMINING A  
CANID'S MICROBIOME AGE STATUS

用於確定犬科動物的微生物組的年齡狀態的監測工具和診斷方法

[71] Mars, Incorporated

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- [72] MARSHALL-JONES, Zoe Z·V·马歇尔·琼斯  
WRIGGLESWORTH, David D·J·里格尔斯沃思  
STAUNTON, Ruth R·斯汤顿  
LONSDALE, Zoe Z·朗斯代尔  
WATSON, Phil P·沃森  
HAYDOCK, Richard R·海多克
- [74] ROUSE & CO. INTERNATIONAL (OVERSEAS) LIMITED  
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- 
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- [13] A
- [25] EN
- [21] 62022051127.8 [22] 02.04.2022
- [86] 11.05.2020 PCT/IB2020/054424
- [87] 19.11.2020 WO2020/229994
- [30] 10.05.2019 NL,2023109
- [54] PROCESS FOR THE SMELTING OF A METALLIFEROUS FEEDSTOCK  
MATERIAL  
含金屬原料的熔煉方法
- [71] AFRICAN RAINBOW MINERALS LIMITED  
24 Impala Road  
Chislehurst, Sandton, 2196 Johannesburg  
SOUTH AFRICA
- [72] BOUWER, Petrus Hendrik Ferreira
- [74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED  
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Shatin, N.T.  
HONG KONG

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- [51] C21B 13/00 [11] 40061661  
C21B 11/10 EP3966353 A1
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| [21] | 42022049586.5                                                                                                 | [22] | 09.03.2022               |
| [30] | 01.04.2020 DE,102020204269                                                                                    |      |                          |
| [54] | CLAMPING PLATEN FOR A DIE CASTING MACHINE AND MANUFACTURING METHOD<br>用於壓鑄機的夾緊壓板和製造方法                         |      |                          |
| [71] | Oskar Frech GmbH + Co. KG<br>Schorndorfer Strasse 32<br>73614 Schorndorf<br>GERMANY                           |      |                          |
| [72] | Baesgen, Alexander                                                                                            |      |                          |
| [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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|      |                          | [13] | A                        |

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[13] A
- [25] ZH  
[21] 42022051341.0 [22] 08.04.2022
- [54] METHOD AND APPLICATION FOR MANUFACTURING FREELY FORMING  
COMPONENT BASED ON LOW-TEMPERATURE SUPERSONIC SPRAYING  
基於低溫超音速噴塗生產自由成型部件的方法及應用
- [71] Hermon Industries Limited  
源兴盛实业有限公司  
香港  
新界火炭穗禾路 1 号  
丰利工业中心 15 楼 8 室
- [72] 刘醒培  
单铭贤  
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- [74] 三友知識產權代理有限公司  
香港  
中环德己立街 38-44 号  
好利商业大厦 6 字楼 A 室
- 
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H01M 10/0525 EP3976858 A1  
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[13] A
- [25] EN  
[21] 62022051422.3 [22] 08.04.2022
- [86] 03.06.2020 PCT/US2020/035960  
[87] 10.12.2020 WO2020/247524  
[30] 03.06.2019 US,16/430,288
- [54] SACRIFICIAL SUBSTRATES FOR SILICON-CARBON COMPOSITE MATERIALS  
用於矽-碳覆合材料的犧牲襯底
- [71] Enevate Corporation  
101 Theory, Suite 200  
Irvine, CA 92617  
UNITED STATES OF AMERICA
- [72] BROWNE, Ian Russell  
KAMATH, Rahul R.  
CHHORNG, Monika  
PARK, Benjamin Yong

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5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
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|      | C12N 15/85 |      | CN114080454 A |
|      |            | [13] | A             |

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|      |            | [13] | A             |

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| [51] | C40B 40/08  | [11] | 40061752      |
|      | C40B 40/02  |      | CN114207196 A |
|      | C40B 50/06  |      |               |
|      | C12N 15/864 |      |               |
|      |             | [13] | A             |

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| [21] | 62022051442.1 | [22] | 09.04.2022 |
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[86] 15.10.2020 PCT/CN2020/121098

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[30] 16.10.2019 CN, PCT/CN2019/111527

[54] NOVEL AAV LIBRARY

新的 AAV 文庫

[71] WUXI APPTEC (SHANGHAI) CO., LTD.

上海药明康德新药开发有限公司

中國

200131 上海市浦东新区中国(上海)

自由贸易试验区富特中路 288 号 1 号楼

[72] JI, Qunsheng 冀群升

LU, Yuan 陆渊

LIN, Qing 林卿

CHEN, Yixiong 陈意雄

[74] ORIENTAL INTELLECTUAL PROPERTY SERVICES CO.

香港

貝沙灣

第 2 期第 3 座 38 樓 B 室

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|      | D05C 7/08  |      | EP3892766 A1 |
|      |            | [13] | A            |

[25] EN

[21] 42022049582.4 [22] 08.03.2022

[30] 08.04.2020 US,US202016843556

[54] ACCESSORY FOR SEWING MACHINE WITH AN INTERCHANGABLE GUIDE AND METHODS OF USING THE SAME  
具有可互換導板的縫紉機配件及其使用方法

[71] Singer Sourcing Limited LLC  
1714 Heil Quaker Boulevard  
Lavergne, TN 37086  
UNITED STATES OF AMERICA

[72] Eriksson, Roberth  
Brindzik, Barbara

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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|      |            | [13] | A            |

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|      | A01N 43/78  |      | EP3945822 A1 |
|      |             | [13] | A            |

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|      |             | [13] | A            |

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| [51] | D21H 17/11 | [11] | 40061443     |
|      | D21H 17/46 |      | EP3882395 A1 |
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|      |            | [13] | A            |

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| [21] | 42022050088.8                  | [22] | 16.03.2022 |
| [30] | 16.03.2020 DE,202020101441     | U    |            |
| [54] | TOBACCO PACKAGING              |      |            |
|      | 煙草包裝                           |      |            |
| [71] | Mayr-Melnhof Karton AG         |      |            |
|      | Brahmsplatz 6                  |      |            |
|      | 1041 Wien                      |      |            |
|      | AUSTRIA                        |      |            |
| [72] | VORENKAMP, Harman              |      |            |
| [74] | MARKS & CLERK                  |      |            |
|      | Level 9, Cyberport 1           |      |            |
|      | 100 Cyberport Road, Pok Fu Lam |      |            |
|      | HONG KONG                      |      |            |

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|      |            | [13] | A            |

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[13] A

[25] ZH

[21] 42022050087.0 [22] 16.03.2022

[30] 22.07.2020 US, 63/103,180  
20.07.2021 US, 17/380,055

[54] MULTI-STOREY MODULAR BUILDING COMPRISING PLURALITY OF  
CONCRETE-BASED PREFABRICATED MODULES AND ASSEMBLING METHOD  
THEREOF

由多個混凝土預製模塊組成的多層模塊化建築物及其組裝方法

[71] Nano and Advanced Materials Institute Limited

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Shatin, New Territories

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[74] IDEA INTELLECTUAL LIMITED

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[30] 24.01.2019 US, 62/796,366

[54] BUILDING, IN PARTICULAR A MULTISTORY BUILDING, AND USE OF A  
DAMPER IN SUCH A BUILDING

建築物，特別是多層建築物，以及阻尼器在這種建築物中的用途

[71] Ralf Nörenberg

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[72] Jan WUCHERPFENNIG 简·武赫尔芬尼希

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Stefan SCHRANZ 斯特凡·施兰茨

Andreas WUEST 安德列亚斯·维斯特

Tom WILCOCK 汤姆·威尔科克

Chris ARIYARATANA 克里斯·阿里亚拉塔纳

Ingo WINDELER 英戈·温德勒

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33 Canton Road, Tsim Sha Tsui, Kowloon

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[30] 19.10.2018 IT,201800009597  
[54] MODULAR PANELED PARTITION WALL  
模塊式面板隔牆  
[71] Unifor S.p.A.  
Via Isonzo, 1  
22078 Turate (CO)  
ITALY  
[72] PICCHIO, Cesare  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[54] FACADE PANEL WITH INTEGRATED WINDOW SYSTEM  
具有集成式窗戶系統的外牆面板  
[71] INTELLIGENT CITY INC.  
智能城市有限公司  
1800-1188 West Georgia Street  
Vancouver, British Columbia V6E 4A2  
CANADA  
[72] LANG, Oliver 奧利弗·朗  
WILSON, Cynthia 辛西婭·威尔逊  
BLACKMAN, Clayton 克莱顿·布莱克曼  
KRIEG, Oliver David 奧利弗·戴维·克里格  
[74] WILKINSON & GRIST  
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[54] URBAN PERFORMANCE VENUE FOR THE PROVISION OF ENTERTAINMENT TO  
AN AUDIENCE IN A BEACH THEMED SETTING  
以沙灘主題布置為觀眾提供娛樂的城市演出場地

[71] CRYSTAL LAGOONS TECHNOLOGIES, INC.

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Coral Gables, FL 33134

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[72] FISCHMANN, Fernando, Benjamin 费尔南多·本杰明·菲施曼

[74] ZHONGYI UNION IP INTERNATIONAL COMPANY LIMITED

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[30] 28.04.2019 IL,266258

[54] ROTATABLE MAGNETIC KEY COMBINATION ELEMENT  
可旋轉磁性鑰匙組合元件

[71] Mul-T-Lock Technologies Ltd.  
P.O. Box 637  
8110400 Yavne  
ISRAEL

[72] BEN-AHARON, Effi  
BORTMAN, Asaf

[74] MARKS & CLERK  
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E06B 9/36  
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[13] A

[25] EN

[21] 62022051133.6 [22] 04.04.2022

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[87] 19.11.2020 WO2020/231284  
[30] 15.05.2019 RO,a201900289  
04.07.2019 RO,a201900409  
[54] DOUBLE ARTICULATED DEVICE AND SYSTEM  
雙鉸接設備和系統  
[71] GEORGE-ADRIAN ANTON  
乔治-阿德里安·安东  
STR.LACUL PLOPULUI NR.10 BL.V7 SC.1 ET.6 AP.27  
SECTOR 5, 051735 BUCHAREST  
ROMANIA  
[72] ANTON, GEORGE-ADRIAN 乔治-阿德里安·安东  
[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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| [51] | E06B 3/02 | [11] | 40061542     |
|      | E04B 2/74 |      | EP3867457 A1 |
|      |           | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | E06B 9/06 | [11] | 40061664      |
|      | E05D 7/06 |      | CN114026306 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | E06B 9/36 | [11] | 40061664      |
|      | E05D 7/06 |      | CN114026306 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F02B 71/00 | [11] | 40061455      |
|      | F02F 3/28  |      | CN113464309 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F02F 3/28 | [11] | 40061455      |
|      | F16J 1/00 |      | CN113464309 A |
|      | F16J 1/09 |      |               |
|      | F16J 9/08 |      |               |

F16J 9/12  
F02B 71/00

[13] A

[25] ZH

[21] 42022050177.9 [22] 17.03.2022

[30] 14.10.2016 US,15/294,438

[54] OPEN-FACED PISTON ASSEMBLY  
敞口面活塞組件

[71] MAINSPRING ENERGY, INC.  
曼斯普林能源股份有限公司  
3601 HAVEN AVENUE, MENLO PARK, CA 94025  
UNITED STATES OF AMERICA

[72] SVRCEK, MATT M·斯维塞克

[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] F04B 39/06 [11] 40061689  
B01D 53/06 CN113825910 A  
B01D 53/26  
F04C 29/00  
F04C 29/04

[13] A

[25] EN

[21] 62022051282.1 [22] 07.04.2022

[86] 11.05.2020 PCT/IB2020/054432

[87] 17.12.2020 WO2020/250054

[30] 12.06.2019 BE,2019/5375  
12.06.2019 BE,2019/5376  
12.06.2019 BE,2019/5377  
13.03.2020 BE,2020/5176

[54] DRYING DEVICE AND METHOD FOR DRYING A COMPRESSED GAS  
用於干燥壓縮氣體的干燥裝置和方法

[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP  
阿特拉斯·科普柯空气动力股份有限公司  
BOOMSESTEENWEG 957, B-2610 WILRIJK  
BELGIUM

[72] HERMANS, HANS H·赫尔曼斯

[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] | F04C 29/00 | [11] | 40061689      |
|      | F04B 39/06 |      | CN113825910 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F04C 29/04 | [11] | 40061689      |
|      | F04B 39/06 |      | CN113825910 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | F04D 25/08  | [11] | 40061537      |
|      | F04D 29/056 |      | CN113494466 A |
|      | F04D 29/62  |      |               |
|      | F04D 29/00  |      |               |
|      |             | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42022051373.3 | [22] | 08.04.2022 |
|------|---------------|------|------------|

[54] AIR SUPPLY DEVICE  
送風裝置

[71] GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD.  
广东美的环境电器制造有限公司  
中國  
广东省中山市东凤镇东阜路  
和穗工业园东区 28 号 (邮编: 528425)

MIDEA GROUP CO., LTD.  
美的集团股份有限公司  
中國  
广东省佛山市顺德区北滘镇美的大道 6 号  
美的总部大楼 B 区 26-28 楼 (邮编: 528311)

[72] CUI, Shiqiang 崔世强

[74] 江炳滔律師事務所  
香港  
灣仔告士打道 160 號  
海外信託銀行大廈 19 樓 B 室

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F04D 29/00 | [11] | 40061537      |
|      | F04D 25/08 |      | CN113494466 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | F04D 29/056 | [11] | 40061537      |
|      | F04D 25/08  |      | CN113494466 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F04D 29/62 | [11] | 40061537      |
|      | F04D 25/08 |      | CN113494466 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F16F 7/00 | [11] | 40061545      |
|      | E04B 1/98 |      | CN113330171 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F16J 1/00 | [11] | 40061455      |
|      | F02F 3/28 |      | CN113464309 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F16J 1/09 | [11] | 40061455      |
|      | F02F 3/28 |      | CN113464309 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F16J 9/08 | [11] | 40061455      |
|      | F02F 3/28 |      | CN113464309 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F16J 9/12 | [11] | 40061455      |
|      | F02F 3/28 |      | CN113464309 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F16L 21/08 | [11] | 40061729      |
|      | F16L 47/03 |      | CN114207339 A |
|      | B29C 65/08 |      |               |
|      | B29C 65/16 |      |               |
|      | B29C 65/76 |      |               |
|      | B29C 65/78 |      |               |
|      |            | [13] | A             |

[25] DE

[21] 62022051411.6 [22] 08.04.2022

[86] 12.06.2020 PCT/EP2020/025281

[87] 17.12.2020 WO2020/249265

[30] 14.06.2019 DE, 202019116326.9

[54] PIPE COUPLING APPLICATOR AND METHOD FOR PRODUCING A COUPLING  
管接頭施加器和接頭產生方法

[71] Swiss Tech Innovation AG  
瑞士科技创新股份公司  
Leberngasse 21, 4600 Olten  
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瑞士  
奥尔滕

[72] WÜST, Theodor T·伍斯特

[74] 中港專利有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F16L 47/03 | [11] | 40061729      |
|      | F16L 21/08 |      | CN114207339 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F21V 8/00  | [11] | 40061700      |
|      | G02B 27/01 |      | CN113498486 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F24C 15/08 | [11] | 40061453      |
|      | F24C 3/08  |      | CN114110667 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F24C 3/08  | [11] | 40061453      |
|      | F24C 3/12  |      | CN114110667 A |
|      | F24C 15/08 |      |               |
|      |            | [13] | A             |

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[25] ZH

[21] 42022050168.8 [22] 17.03.2022

[30] 01.09.2020 JP,2020-146760

[54] GAS STOVE  
燃氣灶

[71] RINNAI CORPORATION  
林内株式會社  
2-26, Fukuzumi-cho, Nakagawa-ku  
Nagoya-shi, Aichi 454-0802  
JAPAN  
日本

[72] Yoshihiro MIZUTANI 水谷嘉宏  
Shunsuke KONDO 近藤駿介

[74] 范紀羅江律師行  
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灣仔港灣道 6-8 號  
瑞安中心 23 樓

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F24C 3/12 | [11] | 40061453      |
|      | F24C 3/08 |      | CN114110667 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F24F 3/16  | [11] | 40061611     |
|      | B01D 46/00 |      | EP3880336 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F25B 39/02 | [11] | 40061665      |
|      | F25C 1/24  |      | CN113490823 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F25C 1/24  | [11] | 40061665      |
|      | F25D 21/12 |      | CN113490823 A |
|      | F25B 39/02 |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022051135.1 [22] 04.04.2022

[86] 24.09.2020 PCT/IB2020/058938

[87] 01.04.2021 WO2021/059185

[30] 24.09.2019 IN, 201911038514

[54] AN EVAPORATOR ASSEMBLY FOR A VERTICAL  
FLOW TYPE ICE MAKING MACHINE  
用於立流式製冰機的蒸發器組件

[71] Ram Prakash Sharma  
拉姆·普拉卡施·夏爾馬  
265 NIRVANA COUNTRY  
GURGAON -122018, HARYANA  
INDIA

Vinay Sharma  
維納伊·夏爾馬  
265 NIRVANA COUNTRY  
GURGAON -122018, HARYANA  
INDIA

[72] Ram Prakash SHARMA 拉姆·普拉卡施·夏爾馬  
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[74] DEQI INTELLECTUAL PROPERTY LAW CORPORATION (HONGKONG) LIMITED  
Room 703 Kowloon Building

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HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F25D 13/02 | [11] | 40061576     |
|      | F25D 17/02 |      | EP3884221 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F25D 17/02 | [11] | 40061576     |
|      | F25D 17/04 |      | EP3884221 A1 |
|      | F25D 13/02 |      |              |
|      | A23B 4/26  |      |              |
|      | A23L 3/36  |      |              |
|      | A01N 1/02  |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022049273.5 [22] 03.03.2022

[86] 21.11.2019 PCT/AU2019/051279

[87] 28.05.2020 WO2020/102854

[30] 22.11.2018 AU,2018904449

[54] METHOD AND APPARATUS FOR FREEZING OF BIOLOGICAL PRODUCTS  
用於冷凍生物產品的方法和裝置

[71] Vitrafy Life Sciences Limited  
LEVEL 1, 47 SANDY BAY ROAD  
HOBART TAS 7000  
AUSTRALIA

[72] CAMERON, Sean  
OWENS, Brent  
TAYLOR, Brian  
WOOLLEY, Robert  
GROOM, James

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | F25D 17/04 | [11] | 40061576     |
|      | F25D 17/02 |      | EP3884221 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | F25D 21/12 | [11] | 40061665      |
|      | F25C 1/24  |      | CN113490823 A |
|      |            | [13] | A             |

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[51] G01K 1/02 [11] 40061524  
G01K 13/20 CN114076645 A  
[13] A

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[51] G01K 13/20 [11] 40061524  
G01K 1/02 CN114076645 A  
[13] A

[25] ZH  
[21] 42022051336.0 [22] 08.04.2022  
[30] 14.08.2020 JP,2020-137097  
[54] ELECTRONIC THERMOMETER AND INFORMATION PROCESSING METHOD  
電子體溫計以及信息處理方法  
[71] Terumo Kabushiki Kaisha  
泰尔茂株式会社  
44-1 Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072  
JAPAN  
日本  
東京都  
[72] 香川和明  
园田有纪  
德永裕香  
[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] G01N 1/22 [11] 40061473  
EP3885738 A1  
[13] A

[25] EN  
[21] 42022050684.4 [22] 28.03.2022  
[30] 12.07.2012 US,201213547895  
[54] ERGONOMIC MICROBIAL AIR SAMPLER  
符合人體工程學的微生物空氣採樣器  
[71] Veltek Associates, Inc.  
15 Lee Boulevard  
Malvern, Pennsylvania 19355-1234  
UNITED STATES OF AMERICA  
[72] Vellutato, Arthur L., Jr.  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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HONG KONG

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|      |                        |      |                          |
|------|------------------------|------|--------------------------|
| [51] | G01N 1/34<br>B01L 9/06 | [11] | 40061492<br>EP3900832 A1 |
|      |                        | [13] | A                        |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | G01N 21/01<br>A61B 5/02 | [11] | 40061544<br>EP3866678 A1 |
|      |                         | [13] | A                        |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | G01N 21/31<br>A61B 5/02 | [11] | 40061544<br>EP3866678 A1 |
|      |                         | [13] | A                        |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | G01N 21/49<br>A61B 5/02 | [11] | 40061544<br>EP3866678 A1 |
|      |                         | [13] | A                        |

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|      |                                                                                   |      |                           |
|------|-----------------------------------------------------------------------------------|------|---------------------------|
| [51] | G01N 21/59<br>G01N 33/543<br>G01N 33/569<br>C07K 19/00<br>C07K 16/46<br>C07K 1/22 | [11] | 40061630<br>CN113646622 A |
|      |                                                                                   | [13] | A                         |

[25] EN

[21] 62022049850.0 [22] 11.03.2022

[86] 25.03.2020 PCT/EP2020/058266

[87] 08.10.2020 WO2020/200941

[30] 29.03.2019 EP,19166037.2

[54] SPR-BASED BINDING ASSAY FOR THE FUNCTIONAL ANALYSIS OF  
MULTIVALENT MOLECULES  
用於多價分子的功能分析的基於 SPR 的結合測定

[71] F. HOFFMANN-LA ROCHE AG  
GRENZACHERSTRASSE 124, 4070 BASEL  
SWITZERLAND

[72] DIANA ANGELA PIPPIG  
TILMAN SCHLOTHAUER  
STEFAN SEEGER  
ADRIAN ZWICK

[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] | G01N 21/77<br>G01N 35/00<br>G01N 35/10                                                                                                                                  | [11] | 40061568<br>CN113396326 A |
|      |                                                                                                                                                                         | [13] | A                         |
| [25] | EN                                                                                                                                                                      |      |                           |
| [21] | 62022048867.5                                                                                                                                                           | [22] | 25.02.2022                |
| [86] | 19.12.2019 PCT/US2019/067537                                                                                                                                            |      |                           |
| [87] | 25.06.2020 WO2020/132279                                                                                                                                                |      |                           |
| [30] | 19.12.2018 US,62/781,735                                                                                                                                                |      |                           |
| [54] | APPARATUS AND METHODS FOR MOLECULAR DIAGNOSTICS<br>用於分子診斷的設備和方法                                                                                                         |      |                           |
| [71] | NUCLEIN, LLC<br>核酸有限责任公司<br>1701 Directors Blvd., Suite 300, Austin, Texas 78744<br>UNITED STATES OF AMERICA<br>美國<br>德克萨斯州                                             |      |                           |
| [72] | CROCKETT, Richard 理查德·克罗克特<br>BLAKE, Alan 艾伦·布莱克<br>KARBERG, Michael 迈克尔·卡尔伯格<br>LUPHER, John 约翰·卢弗<br>NEE, Chris Clever 克里斯·克勒韦尔·尼<br>KEPLER, Matthew Flint 马修·弗林特·开普勒 |      |                           |
| [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] | G01N 33/487<br>C12Q 1/6869 | [11] | 40061600<br>CN113677806 A |
|      |                            | [13] | A                         |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | G01N 33/50<br>A61K 39/00 | [11] | 40061597<br>EP3920965 A1 |
|      |                          | [13] | A                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | G01N 33/50<br>A61K 31/7115 | [11] | 40061674<br>EP3890752 A1 |
|      |                            | [13] | A                        |

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| [51] | G01N 33/50<br>A61K 31/4545 | [11] | 40061707<br>CN113498341 A |
|      |                            | [13] | A                         |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | G01N 33/543<br>G01N 21/59 | [11] | 40061630<br>CN113646622 A |
|      |                           | [13] | A                         |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | G01N 33/569<br>G01N 21/59 | [11] | 40061630<br>CN113646622 A |
|      |                           | [13] | A                         |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | G01N 33/574<br>A61K 39/395 | [11] | 40061426<br>EP3868405 A1 |
|      |                            | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | G01N 33/574<br>A61K 39/00 | [11] | 40061597<br>EP3920965 A1 |
|      |                           | [13] | A                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | G01N 33/574<br>A61K 35/17 | [11] | 40061667<br>EP3886878 A1 |
|      |                           | [13] | A                        |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | G01N 33/577<br>C07K 16/28 | [11] | 40061499<br>CN114085288 A |
|      |                           | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G01N 33/68<br>C07K 16/28 | [11] | 40061499<br>CN114085288 A |
|      |                          | [13] | A                         |

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|      |            |      |                           |
|------|------------|------|---------------------------|
| [51] | G01N 33/68 | [11] | 40061504<br>CN113484523 A |
|      |            | [13] | A                         |

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[25] ZH  
[21] 42022051194.3 [22] 06.04.2022  
[30] 12.02.2015 EP, PCT/EP2015/053021  
[54] PREDICTING T CELL EPITOPES USEFUL FOR VACCINATION  
預測可用於疫苗接種的 T 細胞表位  
[71] BIONTECH SE  
生物技术公司  
An der Goldgrube 12  
55131 Mainz  
GERMANY  
德國  
美因茲

TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITAETSMEDIZIN  
DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ GMBH  
約翰·古騰堡大學美因茲醫學大學轉化腫瘤學公司  
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德國  
美因茲

[72] SAHIN, Ugur 烏爾·沙欣  
LOEWER, Martin 馬丁·勒韋爾  
TADMOR, Arbel, D. 阿貝爾·D·塔德莫爾  
BOEGEL, Sebastian 塞巴斯蒂安·伯格爾  
SCHROERS, Barbara 芭芭拉·施勒爾斯  
VORMEHR, Mathias 馬蒂亞斯·沃尔梅爾  
KREITER, Sebastian 塞巴斯蒂安·克賴特爾  
[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] G01N 33/68 [11] 40061600  
C12Q 1/6869 CN113677806 A  
[13] A

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[51] G01N 33/68 [11] 40061603  
A61K 39/00 EP3946438 A1  
[13] A

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[51] G01N 33/68 [11] 40061707  
A61K 31/4545 CN113498341 A  
[13] A

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| [51] | G01N 35/00<br>B01L 9/06 | [11] | 40061492<br>EP3900832 A1 |
|      |                         | [13] | A                        |

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| [51] | G01N 35/00<br>G01N 21/77 | [11] | 40061568<br>CN113396326 A |
|      |                          | [13] | A                         |

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| [51] | G01N 35/10<br>B01L 9/06 | [11] | 40061492<br>EP3900832 A1 |
|      |                         | [13] | A                        |

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| [51] | G01N 35/10<br>G01N 21/77 | [11] | 40061568<br>CN113396326 A |
|      |                          | [13] | A                         |

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|------|-------------------------|------|---------------------------|
| [51] | G01R 1/30<br>G01R 19/25 | [11] | 40061490<br>CN114002496 A |
|      |                         | [13] | A                         |

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| [51] | G01R 19/25<br>G01R 1/30<br>C12Q 1/6869 | [11] | 40061490<br>CN114002496 A |
|      |                                        | [13] | A                         |

[25] ZH

[21] 42022051076.2 [22] 01.04.2022

[54] COMPENSATION CAPACITANCE ADJUSTMENT CIRCUIT, COMPENSATION  
CAPACITANCE ADJUSTMENT METHOD AND NANOPORE SEQUENCING CIRCUIT  
補償電容調校電路、補償電容調校方法和納米孔測序電路

[71] Qitan Technology Ltd., Chengdu  
成都齐碳科技有限公司  
2F, A Zone, Building 7  
No. 200, Tianfu Fifth Street, Chengdu Hi-tech Zone  
China (Sichuan) Pilot Free Trade Zone, Chengdu city, Sichuan  
CHINA

[72] E, Qiang 鄂强  
WANG, Jin 王璿

[74] Mark Wong & Associates Limited  
705A Tung Ning Building

249-253 Des Voeux Road Central  
HONG KONG

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[51] G01S 15/04 [11] 40061662  
G06F 3/041 CN113924509 A  
G06F 3/043  
[13] A

[25] EN

[21] 62022051129.4 [22] 02.04.2022

[86] 08.06.2020 PCT/NO2020/050145

[87] 10.12.2020 WO2020/246897

[30] 07.06.2019 NO,20190708

[54] SENSOR FUSION  
傳感器融合

[71] ELLIPTIC LABORATORIES AS  
艾力普提實驗室公司  
Akersgata 32  
0180 Oslo  
NORWAY

[72] KLOVNING, Espen 埃斯彭·克洛寧

[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] G01S 17/02 [11] 40061741  
EP3891530 A1  
[13] A

[25] EN

[21] 62022051426.4 [22] 08.04.2022

[86] 07.01.2020 PCT/US2020/012635

[87] 16.07.2020 WO2020/146430

[30] 07.01.2019 US,US201916241963

[54] SYSTEMS AND METHODS FOR A CONFIGURABLE SENSOR SYSTEM  
用於可配置傳感器系統的系統和方法

[71] Velodyne Lidar USA, Inc.  
5521 Hellyer Avenue  
San Jose, CA 95138  
UNITED STATES OF AMERICA

[72] HALL, David  
GOPALAN, Anand  
REKOW, Matthew  
NESTINGER, Stephen  
BANAS, Tyler

[74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

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[51] G01S 5/02 [11] 40061460  
H04W 64/00 CN114096001 A  
[13] A

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[51] G02B 26/10 [11] 40061600  
C12Q 1/6869 CN113677806 A  
[13] A

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[51] G02B 27/01 [11] 40061700  
G02B 27/28 CN113498486 A  
F21V 8/00  
[13] A

[25] EN

[21] 62022051295.3 [22] 07.04.2022

[86] 31.12.2019 PCT/IL2019/051444

[87] 30.07.2020 WO2020/152668

[30] 25.01.2019 US, 62/796, 628

[54] AUGMENTED REALITY OPTICAL AND CORRECTIVE LENS SYSTEM  
增強現實光學和矯正透鏡系統

[71] BEN YACOV, Michael Shlomo  
迈克尔·什洛莫·本雅科夫  
B.S.R 2 Tower 27th floor at HDLI  
Derech Ben Gurion 1  
Bnei Brak 5120149  
ISRAEL

[72] BEN YACOV, Michael Shlomo 迈克尔·什洛莫·本雅科夫

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

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[51] G02B 27/28 [11] 40061700  
G02B 27/01 CN113498486 A  
[13] A

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[51] G02B 5/18 [11] 40061518  
B05D 5/06 CN114192368 A

[13] A

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|------|------------|------|--------------|
| [51] | G04B 37/14 | [11] | 40061586     |
|      | A44C 5/24  |      | EP3886642 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G04B 39/00 | [11] | 40061466      |
|      | G04D 3/00  |      | CN113687587 A |
|      |            | [13] | A             |

[25] ZH

[21] 42022050634.9 [22] 25.03.2022

[30] 18.05.2020 JP,2020-086828

[54] WINDSHIELD MEMBER MANUFACTURING METHOD, WINDSHIELD MEMBER,  
AND TIMEPIECE

風擋構件的製造方法、風擋構件以及鐘錶

[71] Citizen Watch Co., Ltd.  
1-12, Tanashicho 6-chome  
Nishitokyo-shi  
TOKYO, 188-8511  
JAPAN

[72] Kotaro Takazaki

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G04C 1/06 | [11] | 40061755      |
|      | G04D 7/00 |      | CN113498493 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G04C 10/00 | [11] | 40061497      |
|      | H02K 3/46  |      | CN114137816 A |
|      | H02K 5/00  |      |               |
|      | H02K 7/18  |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42022051167.9 [22] 04.04.2022

[30] 03.09.2020 EP,20194269.5

[54] TIMEPIECE COMPRISING A GENERATOR AND METHOD FOR ASSEMBLING  
SUCH A GENERATOR

包括發電機的鐘錶和組裝這種發電機的方法

[71] THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.  
RUE DES SORS 3

2074 MARIN  
SWITZERLAND

[72] OLIVIER MATTHEY  
JEAN-JACQUES BORN

[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] | G04C 3/10 | [11] | 40061496      |
|      | G04C 3/14 |      | CN113960912 A |
|      |           | [13] | A             |

[25] ZH

[21] 42022051166.1 [22] 04.04.2022

[30] 21.07.2020 EP,20187004.5

[54] WEARABLE OBJECT, IN PARTICULAR WATCH BRACELET, COMPRISING A  
POWER SUPPLY DEVICE PROVIDED WITH AN ELECTROMECHANICAL  
CONVERTER

包括設有機電轉換器的電源設備的可穿戴物體，特別是錶鏈

[71] THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.  
RUE DES SORS 3  
2074 MARIN  
SWITZERLAND

[72] MILAN CALIC  
MATTHIAS IMBODEN  
JEAN-PIERRE MIGNOT  
ALAIN JORNOD  
FRANÇOIS GUEISSAZ

[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] | G04C 3/14 | [11] | 40061496      |
|      | G04C 3/10 |      | CN113960912 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G04D 3/00  | [11] | 40061466      |
|      | G04B 39/00 |      | CN113687587 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G04D 7/00 | [11] | 40061755      |
|      | G04C 1/06 |      | CN113498493 A |
|      |           | [13] | A             |

[25] FR  
[21] 62022051447.0 [22] 11.04.2022  
[86] 06.02.2020 PCT/EP2020/053033  
[87] 17.09.2020 WO2020/182381  
[30] 08.03.2019 EP,19161582.2  
[54] MACHINE FOR WINDING A WATCH AND/OR CLOCK MOVEMENT  
用於對錶和/或鐘錶機芯進行上條的上條機器  
[71] ETA SA MANUFACTURE HORLOGÈRE SUISSE  
SCHILD-RUST-STRASSE 17  
CH-2540 GRENCHE  
SWITZERLAND  
[72] HELFER, Jean-Luc  
DECOSTERD, Cédric  
LOETSCHER, Nicolas  
SCHNEIDER, Philipp  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] G05B 15/02 [11] 40061723  
G05B 19/042 CN113490891 A  
[13] A

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[51] G05B 19/042 [11] 40061723  
G05B 15/02 CN113490891 A  
[13] A

[25] EN  
[21] 62022051404.1 [22] 08.04.2022  
[86] 18.12.2019 PCT/IT2019/050272  
[87] 02.07.2020 WO2020/136686  
[30] 27.12.2018 IT,102018000021187  
[54] METHOD FOR DETECTING THE ACTUATION OF COMMANDS GIVEN TO  
ELECTRIC AND ELECTRONIC DEVICES  
用於檢測給予電氣和電子設備的命令的啟動的方法  
[71] TENET S.R.L.  
特内有限责任公司  
Via Belvedere, 66, 31032 Casale Sul Sile (TV)  
ITALY  
意大利  
特雷维索  
[72] CAVALLI, Manuele 马努埃莱·卡瓦利  
CAVALLI, Tommaso 托马索·卡瓦利



[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] G05D 27/02 [11] 40061706  
EP3968121 A1  
[13] A

[25] ZH

[21] 62022051303.5 [22] 07.04.2022

[86] 17.04.2020 PCT/IB2020/053649

[87] 12.11.2020 WO2020/225626

[30] 09.05.2019 HK,19123551.4

[54] METHOD, SYSTEM AND APPARATUS FOR ADJUSTING SLEEP ENVIRONMENT  
一種睡眠環境的調節方法、系統及裝置

[71] Liao, Chun Zu Joe  
廖醇祖  
G/F, 4 Osmanthus Road, Yau Yat Chuen, Kowloon  
HONG KONG

[72] Liao, Chun Zu Joe 廖醇祖

[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] G06F 13/00 [11] 40061596  
G06Q 50/10 CN114096983 A  
[13] A

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[51] G06F 16/182 [11] 40061471  
H04N 21/63 EP3886451 A1  
[13] A

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[51] G06F 16/21 [11] 40061614  
G06F 9/451 EP3959622 A1  
G06F 21/60  
H04L 9/06  
G06Q 50/26  
[13] A

[25] EN

[21] 62022049653.8 [22] 09.03.2022

[86] 21.04.2020 PCT/US2020/029161

[87] 29.10.2020 WO2020/219472

[30] 23.04.2019 US, 62/837,524

[54] LOCALIZED DATA STORAGE AND PROCESSING  
本地化數據存儲和處理

[71] Incountry, Inc.  
4023 Kennett Pike 50376  
Wilmington, DE 19807  
UNITED STATES OF AMERICA

[72] YARED, Peter  
RAISER, Marc

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

[51] G06F 16/2455 [11] 40061468  
G06F 16/26 CN113468222 A  
G06K 9/62

[13] A

[25] ZH

[21] 42022050660.4 [22] 25.03.2022

[54] BIG DATA SHARING AND FUSION PROCESSING METHOD, PLATFORM AND  
SYSTEM

一種大數據的共享融合處理方法、平台及系統

[71] 论客科技(广州)有限公司  
中國  
510000 广东省广州市番禺區小谷圍街青藍街 28 号 3 栋 7-10 层

[72] 陈磊华  
郝家雨  
彭文浩

[74] 中港專利有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室

[51] G06F 16/26 [11] 40061468  
G06F 16/2455 CN113468222 A  
[13] A

[51] G06F 16/27 [11] 40061469  
G06F 21/60 CN113591105 A  
[13] A

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|------|------------|------|---------------|
| [51] | G06F 16/28 | [11] | 40061491      |
|      | G06N 3/08  |      | CN113487024 A |
|      |            | [13] | A             |

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| [51] | G06F 16/29  | [11] | 40061599      |
|      | G06F 16/487 |      | CN114072785 A |
|      | G06F 16/587 |      |               |
|      | G06F 16/687 |      |               |
|      | G06F 16/909 |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62022049625.6 [22] 09.03.2022

[86] 12.03.2020 PCT/US2020/022385

[87] 15.10.2020 WO2020/209976

[30] 11.04.2019 US, 62/832, 539

[54] SYSTEM AND METHOD ASSOCIATED WITH AN INSULAR DIGITAL CONTENT DISTRIBUTION PLATFORM THAT GENERATES DISCRETE EPOCHS OF CONTENT BASED ON DETERMINATION OF A GERMANE ZIP-SPAN POLYGON REGION

與基於密切相關的跨郵政編碼多邊形區域的確定而生成離散時間點的內容的獨立數字內容分發平台相關聯的系統和方法

[71] NEIGHBORCOM, LLC  
44 West 62nd Street  
#22E, New York, NY 10023  
UNITED STATES OF AMERICA

[72] EVSEROFF, Paul P·埃夫瑟罗夫  
FEINBERG, Adam A·范伯格

[74] ELLALAN  
26th - 28th Floors, The Hennessy  
256 Hennessy Road, Wanchai  
HONG KONG

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|------|------------|------|---------------|
| [51] | G06F 16/35 | [11] | 40061491      |
|      | G06N 3/08  |      | CN113487024 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 16/487 | [11] | 40061599      |
|      | G06F 16/29  |      | CN114072785 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 16/587 | [11] | 40061599      |
|      | G06F 16/29  |      | CN114072785 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/687 | [11] | 40061599      |
|      | G06F 16/29  |      | CN114072785 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/909 | [11] | 40061599      |
|      | G06F 16/29  |      | CN114072785 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06F 21/34 | [11] | 40061631      |
|      | G06F 21/44 |      | CN113711211 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 21/44 | [11] | 40061631      |
|      | G06F 21/34 |      | CN113711211 A |
|      |            | [13] | A             |

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[25] EN

[21] 62022049851.8 [22] 11.03.2022

[86] 10.07.2020 PCT/US2020/041624

[87] 28.01.2021 WO2021/015969

[30] 23.07.2019 US,16/519,079

[54] FIRST FACTOR CONTACTLESS CARD AUTHENTICATION SYSTEM AND METHOD

第一因素非接觸式卡認證系統和方法

[71] CAPITAL ONE SERVICES, LLC

第一资本服务有限责任公司

1680 Capital One Drive McLean, Virginia 22102

UNITED STATES OF AMERICA

美國

弗吉尼亚州

[72] MOSSLER, Lara 劳拉·莫斯勒

NEWMAN, Kaitlin 凯特琳·纽曼

OSBORN, Kevin 凯文·奥斯本

[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] | G06F 21/53 | [11] | 40061478      |
|      |            |      | CN114117409 A |
|      |            | [13] | A             |

- [25] ZH  
[21] 42022050734.7 [22] 29.03.2022  
[54] METHOD AND DEVICE FOR RUNNING USER CODE, ELECTRONIC DEVICE  
AND STORAGE MEDIUM  
用戶代碼的運行方法及裝置、電子設備和存儲介質  
[71] Shanghai SenseTime Lingang Intelligent Technology Co., Ltd.  
上海商湯臨港智能科技有限公司  
中國  
上海市  
中國(上海)自由貿易試驗區臨港新片區  
泥城鎮秋山路 1775 弄 29、30 號 2 樓 01 室  
[72] 卞榮輝  
張曉軍  
鄭聰瑤  
張寧  
鄒雨竹  
[74] 博思佳知識產權代理有限公司  
香港  
新界北粉嶺聯合墟  
綠悠軒 1 座 4 樓 C 室
- 

- [51] G06F 21/60 [11] 40061469  
G06F 21/62 CN113591105 A  
G06F 16/27  
G06Q 40/04  
H04L 29/06  
[13] A  
[25] ZH  
[21] 42022050661.2 [22] 25.03.2022  
[54] BLOCK CHAIN-BASED BIG DATA ANALYSIS METHOD, DEVICE AND SYSTEM  
一種基於區塊鏈的大數據分析方法、裝置及系統  
[71] 论客科技(广州)有限公司  
中國  
510000 广东省广州市番禺區小谷圍街青藍街 28 號 3 棟 7-10 层  
[72] 陳磊華  
郝家雨  
彭文浩  
[74] 中港專利有限公司  
香港  
灣仔告士打道 151 號資本中心 15 樓 1502 室
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- [51] G06F 21/60 [11] 40061614  
G06F 16/21 EP3959622 A1  
[13] A

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|------|-------------|------|---------------|
| [51] | G06F 21/60  | [11] | 40061616      |
|      | G06K 19/077 |      | CN113490952 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 21/62 | [11] | 40061469      |
|      | G06F 21/60 |      | CN113591105 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 21/64  | [11] | 40061616      |
|      | G06K 19/077 |      | CN113490952 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 3/01   | [11] | 40061705      |
|      | A63F 13/285 |      | CN113950657 A |
|      |             | [13] | A             |

[25] EN

[21] 62022051302.7 [22] 07.04.2022

[86] 29.04.2020 PCT/US2020/030335

[87] 10.12.2020 WO2020/247117

[30] 07.06.2019 US,16/434,792

[54] HAPTIC RENDERING

觸覺渲染

[71] MICROSOFT TECHNOLOGY LICENSING, LLC

微軟技術許可有限責任公司

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[72] Mar GONZALEZ FRANCO M·岡薩雷斯·佛朗哥

Eyal OFEK E·奧菲克

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18 Harcourt Road, Admiralty

HONG KONG

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| [51] | G06F 3/041 | [11] | 40061662      |
|      | G01S 15/04 |      | CN113924509 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06F 3/043 | [11] | 40061662      |
|      | G01S 15/04 |      | CN113924509 A |
|      |            | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 3/04842 | [11] | 40061596      |
|      | G06Q 50/10   |      | CN114096983 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | G06F 30/327 | [11] | 40061538     |
|      | G10L 19/093 |      | EP3893240 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 40/211 | [11] | 40061491      |
|      | G06N 3/08   |      | CN113487024 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 40/216 | [11] | 40061491      |
|      | G06N 3/08   |      | CN113487024 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 40/295 | [11] | 40061491      |
|      | G06N 3/08   |      | CN113487024 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G06F 9/451 | [11] | 40061614     |
|      | G06F 16/21 |      | EP3959622 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06K 19/077 | [11] | 40061616      |
|      | G06F 21/60  |      | CN113490952 A |
|      | G06F 21/64  |      |               |
|      |             | [13] | A             |

[25] EN

[21] 62022049655.3 [22] 09.03.2022

[86] 23.11.2020 PCT/US2020/061865

[87] 08.07.2021 WO2021/137969

[30] 31.12.2019 US,16/731,178

[54] SYSTEMS AND METHODS FOR PERFORMING A REISSUE OF A CONTACTLESS CARD

用於執行非接觸式卡的補發的系統和方法

[71] CAPITAL ONE SERVICES, LLC

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弗吉尼亚州

[72] RULE, Jeffrey 杰弗里·鲁尔

HERRINGTON, Daniel 丹尼尔·赫林顿

ILINCIC, Rajko 拉伊科·埃琳西克

[74] 中港知識產權有限公司

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[51] G06K 7/10  
H04B 5/00

[11] 40061617  
CN113498582 A

[13] A

[51] G06K 7/10

[11] 40061632  
CN113767391 A

[13] A

[25] EN

[21] 62022049852.6

[22] 11.03.2022

[86] 23.11.2020 PCT/US2020/061870

[87] 01.07.2021 WO2021/133496

[30] 23.12.2019 US,16/725,600

[54] METHOD FOR MAPPING NFC FIELD STRENGTH AND LOCATION ON MOBILE DEVICES

用於在移動設備上映射 NFC 場強和位置的方法

[71] CAPITAL ONE SERVICES, LLC

第一资本服务有限责任公司

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[72] OSBORN, Kevin 凯文·奥斯本

WURMFELD, David 大卫·伍姆菲尔德

[74] 中港知識產權有限公司

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[51] G06K 9/00 [11] 40061477  
G06K 9/46 CN113850245 A  
G06K 9/38  
G06N 3/04  
G06N 3/08  
[13] A

[25] ZH

[21] 42022050733.9 [22] 29.03.2022

[54] IMAGE PROCESSING METHOD, DEVICES, ELECTRONIC DEVICE AND  
STORAGE MEDIA  
圖像處理方法、裝置、電子設備及存儲介質

[71] Beijing Sensetime Technology Development Co., Ltd.  
北京市商汤科技开发有限公司  
中國  
北京市  
海淀区北四环西路 58 号 11 层 1101-1117 室

[72] 朱洁茹  
吴尧  
四建楼  
钱晨

[74] 博思佳知識產權代理有限公司  
香港  
新界北粉嶺聯合墟  
綠悠軒 1 座 4 樓 C 室

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[51] G06K 9/38 [11] 40061477  
G06K 9/00 CN113850245 A  
[13] A

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[51] G06K 9/46 [11] 40061477  
G06K 9/00 CN113850245 A  
[13] A

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[51] G06K 9/62 [11] 40061468  
G06F 16/2455 CN113468222 A  
[13] A

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[51] G06K 9/62 [11] 40061479  
G10L 25/24 CN114093384 A  
[13] A

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[51] G06K 9/62 [11] 40061491  
G06N 3/08 CN113487024 A  
[13] A

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[51] G06K 9/62 [11] 40061522  
G06V 10/74 CN113989531 A  
[13] A

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[51] G06K 9/62 [11] 40061570  
G16H 50/20 EP3881233 A1  
G16H 50/30  
G16H 50/70  
[13] A

[25] EN

[21] 62022048869.1 [22] 25.02.2022

[86] 08.11.2019 PCT/US2019/060641

[87] 22.05.2020 WO2020/102043

[30] 15.11.2018 US, 62/768,054

03.04.2019 US, 62/828,895

12.04.2019 US, 62/833,493

18.06.2019 US, 62/863,192

19.06.2019 US, 62/863,772

02.07.2019 US, 62/869,903

31.07.2019 US, 62/881,286

08.10.2019 US, 62/912,560

25.10.2019 US, 62/926,355

[54] MACHINE LEARNING DISEASE PREDICTION AND TREATMENT  
PRIORITIZATION

機器學習疾病預測和治療優先級

[71] Ampel Biosolutions, LLC  
250 West Main Street Ste. 300  
Charlottesville, Virginia 22902  
UNITED STATES OF AMERICA

[72] Peter E. LIPSKY  
Michelle D. CATALINA  
Amrie C. GRAMMER  
Brian KEGERREIS  
Adam LABONTE  
Katherine A. OWEN  
Prathyusha BACHALI

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40061477      |
|      | G06K 9/00 |      | CN113850245 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 3/04  | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40061491      |
|      | G06N 3/08 |      | CN113487024 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40061477      |
|      | G06K 9/00 |      | CN113850245 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 3/08  | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/08   | [11] | 40061491      |
|      | G06N 3/04   |      | CN113487024 A |
|      | G06K 9/62   |      |               |
|      | G06F 16/35  |      |               |
|      | G06F 16/28  |      |               |
|      | G06F 40/216 |      |               |
|      | G06F 40/211 |      |               |
|      | G06F 40/295 |      |               |
|      |             | [13] | A             |

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[25] ZH

[21] 42022051143.0 [22] 04.04.2022

[54] METHOD FOR TRAINING ALTERNATING SEQUENCE GENERATION MODEL AND  
METHOD FOR EXTRACTING GRAPH FROM TEXT  
交替序列生成模型訓練方法、從文本中抽取圖的方法

[71] 任立棕  
中國  
上海市長寧區  
黃金城道 688 弄 10 號 2101

[72] 任立棕

[74] 香港務本國際知識產權事務有限公司  
香港

上環永樂街 72-76 號  
永利大廈 9 字樓 C 室

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/32 | [11] | 40061623      |
|      | G06Q 20/40 |      | CN113383359 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/34 | [11] | 40061585      |
|      | G07F 19/00 |      | CN113519006 A |
|      |            | [13] | A             |

[25] EN

[21] 62022049567.0 [22] 08.03.2022

[86] 01.07.2020 PCT/US2020/040466

[87] 07.01.2021 WO2021/003251

[30] 03.07.2019 US,16/503,003

[54] TECHNIQUES TO PERFORM APPLETS PROGRAMMING  
用於執行小程序編程的技術

[71] CAPITAL ONE SERVICES, LLC

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[72] ILINCIC, Rajko 拉伊科·埃琳西克

RULE, Jeffrey 杰弗里·鲁尔

[74] 中港知識產權有限公司

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/34 | [11] | 40061618      |
|      | G06Q 20/40 |      | CN113632125 A |
|      | G07F 7/08  |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022049657.9 [22] 09.03.2022

[86] 19.03.2020 PCT/US2020/023594

[87] 24.09.2020 WO2020/191179

[30] 20.03.2019 US,16/359,980

[54] USING A CONTACTLESS CARD TO SECURELY SHARE PERSONAL DATA  
STORED IN A BLOCKCHAIN

使用非接觸式卡安全地共享存儲在區塊鏈中的個人數據

- [71] CAPITAL ONE SERVICES, LLC  
第一資本服務有限責任公司  
1680 Capital One Drive, McLean, Virginia 22102  
UNITED STATES OF AMERICA  
美國  
弗吉尼亞州
- [72] RULE, Jeffrey 杰弗里·魯爾  
ILINCIC, Rajko 拉伊科·埃琳西克  
NEWMAN, Kaitlin 凱特琳·紐曼
- [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] | G06Q 20/36 | [11] | 40061623      |
|      | G06Q 20/40 |      | CN113383359 A |
|      |            | [13] | A             |
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|------|------------|------|---------------|
| [51] | G06Q 20/40 | [11] | 40061618      |
|      | G06Q 20/34 |      | CN113632125 A |
|      |            | [13] | A             |
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|------|------------|------|---------------|
| [51] | G06Q 20/40 | [11] | 40061623      |
|      | G06Q 20/32 |      | CN113383359 A |
|      | G06Q 20/36 |      |               |
|      | H04W 4/30  |      |               |
|      | H04W 4/12  |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022049665.2 [22] 09.03.2022

[86] 27.01.2020 PCT/US2020/015272

[87] 06.08.2020 WO2020/159896

[30] 30.01.2019 US,16/262,699

[54] TERMINAL TYPE IDENTIFICATION IN INTERACTION PROCESSING  
交互處理中的終端類型標識

[71] VISA INTERNATIONAL SERVICE ASSOCIATION  
維薩國際服務協會  
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UNITED STATES OF AMERICA

[72] G·申克  
B·沙利文  
C·阿艾拜  
H·恩戈

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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[51] G06Q 40/04 [11] 40061469  
G06F 21/60 CN113591105 A  
[13] A

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[51] G06Q 50/10 [11] 40061596  
G06F 3/04842 CN114096983 A  
G06F 13/00  
[13] A

[25] JA

[21] 62022049609.0 [22] 09.03.2022

[86] 24.06.2020 PCT/JP2020/024843

[87] 30.12.2020 WO2020/262466

[30] 24.06.2019 JP,2019-116315

[54] INFORMATION PROCESSING PROGRAM, INFORMATION PROCESSING  
METHOD, AND INFORMATION PROCESSING SYSTEM  
信息處理程序、信息處理方法和信息處理系統

[71] CYGAMES, INC.  
CY 遊戲公司  
16-17, Nanpeidai-cho, Shibuya-ku, Tokyo 150-0036  
JAPAN  
日本

[72] TOTSUKA, Takashi 戶塚崇  
ISHIKAWA, Taiki 石川大樹  
NISHIMURA, Hiroyuki 西村博行

[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] G06Q 50/26 [11] 40061614  
G06F 16/21 EP3959622 A1  
[13] A

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[51] G06T 13/20 [11] 40061479  
G10L 25/24 CN114093384 A  
[13] A

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[51] G06T 13/40 [11] 40061479  
G10L 25/24 CN114093384 A  
[13] A

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[51] G06T 13/40 [11] 40061481  
G06T 15/00 CN113936086 A  
[13] A

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[51] G06T 15/00 [11] 40061481  
G06T 13/40 CN113936086 A  
[13] A

[25] ZH

[21] 42022050737.0 [22] 29.03.2022

[54] METHOD, DEVICE, ELECTRONIC DEVICE AND STORAGE MEDIUM FOR  
GENERATING HAIR MODEL  
毛髮模型的生成方法、裝置、電子設備以及存儲介質

[71] Beijing Sensetime Technology Development Co., Ltd.  
北京市商汤科技开发有限公司  
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[74] 博思佳知識產權代理有限公司  
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[51] G06T 17/00 [11] 40061480  
G06T 7/73 CN113724378 A  
[13] A

[25] ZH

[21] 42022050736.2 [22] 29.03.2022

[54] THREE-DIMENSIONAL MODELING METHOD AND DEVICE, COMPUTER  
READABLE STORAGE MEDIUM AND COMPUTER EQUIPMENT  
三維建模方法和裝置、計算機可讀存儲介質及計算機設備

[71] Beijing Sensetime Technology Development Co., Ltd.  
北京市商汤科技开发有限公司  
中國  
北京市  
海淀区北四环西路 58 号 11 层 1101-1117 室

[72] 吳文岩  
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李华  
钱晨

[74] 博思佳知識產權代理有限公司  
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[51] G06T 5/00 [11] 40061482  
G06T 5/50 CN113920032 A  
G06T 7/11  
G06T 7/194  
G06T 7/90  
[13] A

[25] ZH

[21] 42022050739.6 [22] 29.03.2022

[54] IMAGE PROCESSING METHOD, APPARATUS, ELECTRONIC DEVICE, AND  
STORAGE MEDIUM  
圖像處理方法、裝置、電子設備及存儲介質

[71] Shanghai SenseTime Intelligent Technology Co., Ltd.  
上海商汤智能科技有限公司  
中國  
上海市  
徐汇区桂平路 391 号 3 号楼 1605A 室

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四建楼  
钱晨

[74] 博思佳知識產權代理有限公司  
香港  
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[51] G06T 5/50 [11] 40061482  
G06T 5/00 CN113920032 A  
[13] A

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[51] G06T 7/11 [11] 40061474  
G06T 7/149 EP3961565 A1  
[13] A

[25] EN

[21] 42022050727.1 [22] 29.03.2022

[30] 08.01.2019 US, 201962789660P



[54] EVALUATING QUALITY OF SEGMENTATION OF AN IMAGE INTO DIFFERENT  
TYPES OF TISSUE FOR PLANNING TREATMENT USING TUMOR TREATING  
FIELDS (TTFIELDS)  
評估將圖像分割成不同類型組織的質量，用於使用腫瘤治療場 (TTFIELDS) 來計劃  
治療

[71] Novocure GmbH  
Park 6  
6039 Root D4  
SWITZERLAND

[72] SHAMIR, Reuven  
BOMZON, Zeev  
VARDI, Mor

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

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06T 7/11 | [11] | 40061482      |
|      | G06T 5/00 |      | CN113920032 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G06T 7/149 | [11] | 40061474     |
|      | G06T 7/11  |      | EP3961565 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06T 7/174  | [11] | 40061600      |
|      | C12Q 1/6869 |      | CN113677806 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/194 | [11] | 40061482      |
|      | G06T 5/00  |      | CN113920032 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/73  | [11] | 40061480      |
|      | G06T 17/00 |      | CN113724378 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06T 7/90 | [11] | 40061482      |
|      | G06T 5/00 |      | CN113920032 A |
|      |           | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06T 9/00   | [11] | 40061734      |
|      | H04N 19/119 |      | CN113498606 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/44 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/74 | [11] | 40061522      |
|      | G06K 9/62  |      | CN113989531 A |
|      |            | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42022051320.4 | [22] | 07.04.2022 |
|------|---------------|------|------------|

[54] METHOD FOR IMAGE PROCESSING, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM

一種圖像處理方法、裝置、計算機設備和存儲介質

[71] 北京市商汤科技开发有限公司

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[72] 袁熙

[74] HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED

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香港貿易中心 1701 室

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06V 10/764 | [11] | 40061479      |
|      | G10L 25/24  |      | CN114093384 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06V 10/82 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06V 40/16 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G07F 19/00 | [11] | 40061585      |
|      | G06Q 20/34 |      | CN113519006 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G07F 7/08  | [11] | 40061618      |
|      | G06Q 20/34 |      | CN113632125 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G08B 13/00 | [11] | 40061569      |
|      | G08B 25/00 |      | CN113811925 A |
|      | G08B 26/00 |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62022048868.3 [22] 25.02.2022

[86] 27.02.2020 PCT/US2020/020230

[87] 03.09.2020 WO2020/176802

[30] 28.02.2019 US,16/289,437

[54] DYNAMIC PARTITION OF A SECURITY SYSTEM  
安全系統的動態分區

[71] NORTEK SECURITY &amp; CONTROL LLC

诺泰克安全控制有限责任公司

5919 Sea Otter Place, Ste. 100, Carlsbad, California 92010

UNITED STATES OF AMERICA

美國

加利福尼亚州

[72] PAXTON, Eric 埃里克·帕克斯顿

[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] | G08B 25/00 | [11] | 40061569      |
|      | G08B 13/00 |      | CN113811925 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G08B 26/00 | [11] | 40061569      |
|      | G08B 13/00 |      | CN113811925 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G10L 13/02 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |

[13] A

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 15/02 | [11] | 40061476      |
|      | G10L 15/16 |      | CN114203161 A |
|      | G10L 15/22 |      |               |
|      | G10L 25/24 |      |               |

[13] A

|      |                                                                                                                |      |            |
|------|----------------------------------------------------------------------------------------------------------------|------|------------|
| [25] | ZH                                                                                                             |      |            |
| [21] | 42022050732.1                                                                                                  | [22] | 29.03.2022 |
| [54] | SPEECH RECOGNITION METHOD, EQUIPMENT, DEVICE AND STORAGE MEDIUM<br>語音識別方法、裝置、設備以及存儲介質                          |      |            |
| [71] | Shenzhen Tetras.AI Technology Co., Ltd.<br>深圳市慧鯉科技有限公司<br>中國<br>廣東省深圳市<br>前海深港合作區前灣一路1號A棟201室(入駐深圳市前海商務秘書有限公司) |      |            |
| [72] | 白佳林<br>高娜<br>徐速<br>吳文岩<br>錢晨                                                                                   |      |            |
| [74] | 博思佳知識產權代理有限公司<br>香港<br>新界北粉嶺聯合墟<br>綠悠軒1座4樓C室                                                                   |      |            |

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|------|------------|------|---------------|
| [51] | G10L 15/02 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 15/16 | [11] | 40061476      |
|      | G10L 15/02 |      | CN114203161 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 15/22 | [11] | 40061476      |
|      | G10L 15/02 |      | CN114203161 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 15/26 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |

[13] A

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[51] G10L 19/093 [11] 40061538  
G06F 30/327 EP3893240 A1

[13] A

[25] EN

[21] 42022051375.8 [22] 08.04.2022

[30] 08.01.2013 US,201361750052P  
09.09.2013 US,201361875528P[54] MODEL BASED PREDICTION IN A CRITICALLY SAMPLED FILTERBANK  
臨界採樣濾波器組中的基於模型的預測[71] DOLBY INTERNATIONAL AB  
C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35  
1101 CN, AMSTERDAM ZUID-OOST  
NETHERLANDS

[72] VILLEMOES, LARS

[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 25/24 [11] 40061476  
G10L 15/02 CN114203161 A

[13] A

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[51] G10L 25/24 [11] 40061479  
G10L 15/26 CN114093384 A  
G10L 13/02  
G10L 15/02  
H04N 21/234  
H04N 21/44  
H04N 21/233  
H04N 21/439  
G06V 40/16  
G06V 10/44  
G06V 10/764  
G06V 10/82  
G06K 9/62  
G06N 3/04  
G06N 3/08  
G06T 13/20  
G06T 13/40

[13] A

[25] ZH

[21] 42022050735.4 [22] 29.03.2022

[54] METHOD, EQUIPMENT, DEVICE, AND STORAGE MEDIUM FOR GENERATING  
SPEECH VIDEOS

說話視頻生成方法、裝置、設備以及存儲介質

[71] Shanghai SenseTime Technology Development Co., Ltd.

上海商汤科技发展有限公司

中國

上海市

浦东新区自由贸易试验区临港新片区环湖西二路 888 号 C 楼

[72] 王宇欣

吴文岩

[74] 博思佳知識產權代理有限公司

香港

新界北粉嶺聯合墟

綠悠軒 1 座 4 樓 C 室

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|------|-------------|------|---------------|
| [51] | G16B 20/20  | [11] | 40061451      |
|      | C12Q 1/6888 |      | CN113584178 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G16B 20/30  | [11] | 40061451      |
|      | C12Q 1/6888 |      | CN113584178 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G16B 20/40  | [11] | 40061451      |
|      | C12Q 1/6888 |      | CN113584178 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G16B 20/50 | [11] | 40061488      |
|      | G16B 30/10 |      | CN114005489 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16B 20/50 | [11] | 40061628     |
|      | G16B 35/10 |      | EP3881324 A1 |
|      |            | [13] | A            |

[25] EN

[21] 62022049671.0 [22] 10.03.2022

[86] 15.11.2019 PCT/EP2019/081428

[87] 22.05.2020 WO2020/099614

[30] 15.11.2018 EP,18206599.5

[54] SELECTION OF CANCER MUTATIONS FOR GENERATION OF A  
PERSONALIZED CANCER VACCINE

用於生成個性化癌症疫苗的癌症突變選擇

[71] Nouscom AG  
Bäumleingasse 18  
4051 Basel  
SWITZERLAND

[72] NICOSIA, Alfredo  
SCARSELLI, Elisa  
LAHM, Armin  
LEONI, Guido

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

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[51] G16B 20/50 [11] 40061754  
G16B 40/20 EP3899955 A1  
[13] A

[25] EN

[21] 62022051444.7 [22] 09.04.2022

[86] 18.12.2019 PCT/US2019/067297

[87] 25.06.2020 WO2020/132151

[30] 19.12.2018 US, 62/782,087

[54] CANCER TISSUE SOURCE OF ORIGIN PREDICTION WITH MULTI-TIER  
ANALYSIS OF SMALL VARIANTS IN CELL-FREE DNA SAMPLES  
利用無細胞 DNA 樣本中的小變異的多層分析的癌症組織來源預測

[71] Grail, LLC  
1525 O'Brien Drive  
Menlo Park, CA 94025  
UNITED STATES OF AMERICA

[72] HUBBELL, Earl  
LIU, Qinwen

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

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[51] G16B 30/00 [11] 40061506  
G16B 40/20 CN114023389 A  
[13] A

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[51] G16B 30/10 [11] 40061488  
G16B 20/50 CN114005489 A  
[13] A

[25] ZH  
[21] 42022051072.1 [22] 01.04.2022  
[54] ANALYSIS METHOD AND DEVICE FOR DETECTING POINT MUTATION BASED  
ON THIRD-GENERATION SEQUENCING DATA  
基於三代測序數據檢測點突變的分析方法和裝置  
[71] Qitan Technology Ltd., Chengdu  
成都齊碳科技有限公司  
2F, A Zone, Building 7  
No. 200, Tianfu Fifth Street, Chengdu Hi-tech Zone  
China (Sichuan) Pilot Free Trade Zone, Chengdu city, Sichuan  
CHINA  
[72] LANG, Jidong 郎继东  
SUN, Jiguo 孙继国  
[74] Mark Wong & Associates Limited  
705A Tung Ning Building  
249-253 Des Voeux Road Central  
HONG KONG

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[51] G16B 30/10 [11] 40061633  
G16B 50/00 EP3881326 A1  
[13] A

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[51] G16B 30/20 [11] 40061635  
EP3921835 A1  
[13] A

[25] EN  
[21] 62022049859.1 [22] 11.03.2022  
[86] 07.02.2020 PCT/EP2020/053223  
[87] 13.08.2020 WO2020/161346  
[30] 07.02.2019 EP,19156086.1  
07.02.2019 BE,BE2019/5077  
07.02.2019 EP,19156085.3  
08.08.2019 EP,19190901.9  
08.08.2019 EP,19190900.1  
08.08.2019 EP,19190899.5  
[54] BIOLOGICAL INFORMATION HANDLING  
生物信息處理  
[71] Biostrand BV  
FABRIEKSSTRAAT 7 3930 HAMONT  
BELGIUM  
[72] VAN HYFTE, Dirk  
VAN HYFTE, Arnout  
BRANDS, Ingrid  
VAN HYFTE, Ewald  
[74] CHANG TSI AND PARTNERS INTELLECTUAL PROPERTY (HK) LIMITED  
LEVEL 19 TWO INT'L FINANCE CTR



8 FINANCE ST CENTRAL  
HONG KONG

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|      |                                                           |      |              |
|------|-----------------------------------------------------------|------|--------------|
| [51] | G16B 30/20                                                | [11] | 40061636     |
|      |                                                           |      | EP3921834 A1 |
|      |                                                           | [13] | A            |
| [25] | EN                                                        |      |              |
| [21] | 62022049860.9                                             | [22] | 11.03.2022   |
| [86] | 07.02.2020 PCT/EP2020/053222                              |      |              |
| [87] | 13.08.2020 WO2020/161345                                  |      |              |
| [30] | 07.02.2019 EP,19156086.1                                  |      |              |
|      | 08.08.2019 EP,19190900.1                                  |      |              |
| [54] | BIOLOGICAL SEQUENCING                                     |      |              |
|      | 生物測序                                                      |      |              |
| [71] | Bioclue BV                                                |      |              |
|      | 生物线索公司                                                    |      |              |
|      | FABRIEKSSTRAAT 7 3930 HAMONT                              |      |              |
|      | BELGIUM                                                   |      |              |
| [72] | VAN HYFTE, Dirk                                           |      |              |
|      | VAN HYFTE, Arnout                                         |      |              |
|      | BRANDS, Ingrid                                            |      |              |
|      | VAN HYFTE, Ewald                                          |      |              |
| [74] | CHANG TSI AND PARTNERS INTELLECTUAL PROPERTY (HK) LIMITED |      |              |
|      | LEVEL 19 TWO INT'L FINANCE CTR                            |      |              |
|      | 8 FINANCE ST CENTRAL                                      |      |              |
|      | HONG KONG                                                 |      |              |

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|------|------------|------|--------------|
| [51] | G16B 35/10 | [11] | 40061628     |
|      | G16B 20/50 |      | EP3881324 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16B 40/00 | [11] | 40061633     |
|      | G16B 50/00 |      | EP3881326 A1 |
|      |            | [13] | A            |

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|      |                                        |      |               |
|------|----------------------------------------|------|---------------|
| [51] | G16B 40/20                             | [11] | 40061506      |
|      | G16B 30/00                             |      | CN114023389 A |
|      |                                        | [13] | A             |
| [25] | ZH                                     |      |               |
| [21] | 42022051204.0                          | [22] | 06.04.2022    |
| [54] | METHODS FOR ANALYZING METAGENOMIC DATA |      |               |
|      | 宏基因組數據的分析方法                            |      |               |

- [71] Qitan Technology Ltd., Chengdu  
成都齐碳科技有限公司  
2F, A Zone, Building 7  
No. 200, Tianfu Fifth Street, Chengdu Hi-tech Zone, China  
(Sichuan) Pilot Free Trade Zone  
Chengdu city, Sichuan  
CHINA
- [72] LANG, Jidong 郎继东  
SUN, Jiguo 孙继国
- [74] Mark Wong & Associates Limited  
705A Tung Ning Building  
249-253 Des Voeux Road Central  
HONG KONG
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- [51] G16B 40/20 [11] 40061754  
G16B 20/50 EP3899955 A1  
[13] A
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- [51] G16B 50/00 [11] 40061633  
G16B 30/10 EP3881326 A1  
G16B 40/00  
[13] A

[25] EN

[21] 62022049855.9 [22] 11.03.2022

[86] 07.02.2020 PCT/EP2020/053220

[87] 13.08.2020 WO2020/161344

[30] 07.02.2019 BE, BE2019/5077

07.02.2019 EP, 19156085.3

08.08.2019 EP, 19190899.5

[54] BIOLOGICAL SEQUENCE INFORMATION HANDLING  
生物序列信息處理

[71] BioKey BVBA  
FABRIEKSSTRAAT 7 3930 HAMONT  
BELGIUM

[72] VAN HYFTE, Dirk  
VAN HYFTE, Arnout  
BRANDS, Ingrid  
VAN HYFTE, Ewald

[74] CHANG TSI AND PARTNERS INTELLECTUAL PROPERTY (HK) LIMITED  
LEVEL 19 TWO INT'L FINANCE CTR  
8 FINANCE ST CENTRAL  
HONG KONG

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- [51] G16H 20/17 [11] 40061694  
A61M 5/315 EP3897786 A1

[13] A

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[51] G16H 20/30 [11] 40061756  
A61N 1/00 EP3962577 A1  
[13] A

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[51] G16H 40/20 [11] 40061730  
EP3961644 A1  
[13] A

[25] ZH

[21] 62022051412.4 [22] 08.04.2022

[86] 09.04.2020 PCT/CN2020/000061

[87] 29.10.2020 WO2020/215805

[30] 25.04.2019 CN,201910339987.2

[54] IMAGE RECOGNITION BASED WORKSTATION FOR EVALUATION ON QUALITY  
CHECK OF COLONOSCOPY

基於圖像識別的結腸鏡檢查質量評估工作站

[71] Tianjin Yujin Artificial Intelligence Medical Technology Co.,  
Ltd.

S1405、S1404、S1414、S1415、S1424 14, Experimental Building,  
Tianjin International Biomedical Research Institute  
220 Dongting Road, Tianjin Economic and Technological  
Development Zone, Tianjin 300457  
CHINA

[72] WANG, Yufeng

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

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[51] G16H 40/60 [11] 40061694  
A61M 5/315 EP3897786 A1  
[13] A

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[51] G16H 40/63 [11] 40061694  
A61M 5/315 EP3897786 A1  
[13] A

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[51] G16H 40/67 [11] 40061694  
A61M 5/315 EP3897786 A1  
[13] A

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16H 50/20 | [11] | 40061570     |
|      | G06K 9/62  |      | EP3881233 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G16H 50/20 | [11] | 40061719      |
|      | C12Q 1/689 |      | CN113614848 A |
|      |            | [13] | A             |

[25] EN

[21] 62022051399.3 [22] 08.04.2022

[86] 20.01.2020 PCT/US2020/014303

[87] 23.07.2020 WO2020/150721

[30] 18.01.2019 GB,1900745 .9

[54] MONITORING TOOLS AND DIAGNOSTIC METHODS  
監測工具和診斷方法[71] Mars, Incorporated  
马斯公司  
6885 Elm Street McLean  
Virginia 22101-3883  
UNITED STATES OF AMERICA[72] MARSHALL-JONES, Zoe Z·V·马歇尔·琼斯  
STAUNTON, Ruth R·斯汤顿  
HAYDOCK, Richard R·海多克  
O'FLYNN, Ciaran C·奥弗林  
WATSON, Phil P·沃森[74] ROUSE & CO. INTERNATIONAL (OVERSEAS) LIMITED  
26/F., Tesbury Centre  
28 Queen's Road East  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16H 50/30 | [11] | 40061570     |
|      | G06K 9/62  |      | EP3881233 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16H 50/50 | [11] | 40061756     |
|      | A61N 1/00  |      | EP3962577 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16H 50/70 | [11] | 40061570     |
|      | G06K 9/62  |      | EP3881233 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G16H 80/00 | [11] | 40061694     |
|      | A61M 5/315 |      | EP3897786 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01L 27/30 | [11] | 40061672     |
|      |            |      | EP3895218 A1 |
|      |            | [13] | A            |

[25] EN

[21] 62022051149.2 [22] 04.04.2022

[86] 13.12.2019 PCT/GB2019/053550

[87] 18.06.2020 WO2020/120991

[30] 14.12.2018 GB,1820427.1

[54] MULTI-JUNCTION OPTOELECTRONIC DEVICE COMPRISING DEVICE  
INTERLAYER

包括器件中間層的多結光電器件

[71] Oxford University Innovation Limited  
Buxton Court 3 West Way  
Oxford, Oxfordshire OX2 0JB  
UNITED KINGDOM[72] SNAITH, Henry James  
MAHESH, Suhas[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] | H01M 10/04 | [11] | 40061736     |
|      | H01M 4/36  |      | EP3977545 A2 |
|      |            | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | H01M 10/0525 | [11] | 40061733     |
|      | H01M 4/04    |      | EP3977553 A1 |
|      | H01M 4/139   |      |              |
|      |              | [13] | A            |

[25] EN

[21] 62022051416.5 [22] 08.04.2022

[86] 03.06.2020 PCT/US2020/035958

[87] 10.12.2020 WO2020/247522

[30] 03.06.2019 US,16/430,294

[54] SURFACE MODIFICATION OF SILICON-CONTAINING ELECTRODES USING  
CARBON DIOXIDE  
使用二氧化碳表面改性含矽電極

[71] Enevate Corporation  
101 Theory, Suite 200  
Irvine, CA 92617  
UNITED STATES OF AMERICA

[72] ANDERSON, Heidi Leighette  
PARK, Benjamin  
BONHOMME, Frederic C.

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

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|------|--------------|------|--------------|
| [51] | H01M 10/0525 | [11] | 40061737     |
|      | C25B 1/00    |      | EP3976858 A1 |
|      |              | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H01M 4/04 | [11] | 40061726     |
|      | H01M 4/13 |      | EP3977541 A1 |
|      |           | [13] | A            |

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[25] EN

[21] 62022051407.4 [22] 08.04.2022

[86] 28.05.2020 PCT/US2020/034873

[87] 03.12.2020 WO2020/243266

[30] 30.05.2019 US, 62/854,935  
13.11.2019 US, 16/683,241

[54] DIRECT COATING OF ELECTRODES IN SILICON-DOMINANT ANODE CELLS  
矽占主導的陽極電池中的電極的直接塗覆

[71] Enevate Corporation  
101 Theory, Suite 200  
Irvine, CA 92617  
UNITED STATES OF AMERICA

[72] BONHOMME, Fred  
PARK, Benjamin  
SHOCKLEY, Kirk  
CANTON, Giulia  
LEE, David J.

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
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HONG KONG

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | H01M 4/04    | [11] | 40061733     |
|      | H01M 10/0525 |      | EP3977553 A1 |
|      |              | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H01M 4/13 | [11] | 40061726     |
|      | H01M 4/04 |      | EP3977541 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01M 4/133 | [11] | 40061732     |
|      | C07F 7/18  |      | EP3977543 A1 |
|      | C08L 79/08 |      |              |
|      | H01M 4/134 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022051415.7 [22] 08.04.2022

[86] 03.06.2020 PCT/US2020/035963

[87] 10.12.2020 WO2020/247527

[30] 03.06.2019 US,16/430,290

[54] MODIFIED SILICON PARTICLES FOR SILICON-CARBON COMPOSITE  
ELECTRODES  
用於矽-碳覆合電極的改性矽顆粒

[71] Enevate Corporation  
101 Theory, Suite 200  
Irvine, CA 92617  
UNITED STATES OF AMERICA

[72] BROWNE, Ian Russell  
JI, Liwen  
KAMATH, Rahul R.  
CHHORNG, Monika

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01M 4/133 | [11] | 40061737     |
|      | C25B 1/00  |      | EP3976858 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01M 4/134 | [11] | 40061732     |
|      | H01M 4/133 |      | EP3977543 A1 |
|      |            | [13] | A            |

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[51] H01M 4/139 [11] 40061733  
H01M 10/0525 EP3977553 A1  
[13] A

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[51] H01M 4/36 [11] 40061731  
H01M 4/62 EP3977544 A1  
[13] A

[25] EN

[21] 62022051414.0 [22] 08.04.2022

[86] 03.06.2020 PCT/US2020/035962

[87] 10.12.2020 WO2020/247526

[30] 03.06.2019 US,16/430,306

[54] METHODS OF FORMING CARBON-SILICON COMPOSITE MATERIAL ON A  
CURRENT COLLECTOR  
在集電器上形成碳-矽覆合材料的方法

[71] Enevate Corporation  
101 Theory, Suite 200  
Irvine, CA 92617  
UNITED STATES OF AMERICA

[72] PARK, Benjamin Yong  
KAMATH, Rahul R.  
BONHOMME, Fred

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

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[51] H01M 4/36 [11] 40061736  
H01M 4/583 EP3977545 A2  
H01M 4/64  
H01M 10/04  
[13] A

[25] EN

[21] 62022051421.5 [22] 08.04.2022

[86] 03.06.2020 PCT/US2020/035966

[87] 10.12.2020 WO2020/247529

[30] 03.06.2019 US,16/430,286

[54] SILICON-DOMINANT BATTERY ELECTRODES  
矽占主導的電池電極

[71] Enevate Corporation  
101 Theory, Suite 200  
Irvine, CA 92617  
UNITED STATES OF AMERICA



[72] KAMATH, Rahul R.

CANTON, Giulia

BROWNE, Ian Russell

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED

5001 Hopewell Centre

183 Queen's Road East, Wan Chai

HONG KONG

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[51] H01M 4/583

H01M 4/36

[11] 40061736

EP3977545 A2

[13] A

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[51] H01M 4/62

H01M 4/36

[11] 40061731

EP3977544 A1

[13] A

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[51] H01M 4/64

H01M 4/36

[11] 40061736

EP3977545 A2

[13] A

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[51] H01M 4/90

B01J 23/14

[11] 40061551

EP3897974 A1

[13] A

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[51] H01M 8/026

H01M 8/0267

H01M 8/0273

H01M 8/242

[11] 40061554

CN113383447 A

[13] A

[25] EN

[21] 62022048821.2

[22] 24.02.2022

[86] 18.11.2019 PCT/EP2019/081603

[87] 30.07.2020 WO2020/151851

[30] 23.01.2019 SE,1930019-3

[54] UNIT FUEL CELL, FUEL CELL STACK AND BIPOLAR PLATE ASSEMBLY

一種單元燃料電池、燃料電池堆和雙極板組件

[71] POWERCELL SWEDEN AB

瑞典電池公司

Ruskvädersgatan 12

41 834 Göteborg

SWEDEN

[72] Robin VELÉN R·韦伦  
Stefan MUNTHER S·蒙特

[74] ELLALAN  
26th - 28th Floors, The Hennessy  
256 Hennessy Road, Wanchai  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 8/0267 | [11] | 40061554      |
|      | H01M 8/026  |      | CN113383447 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 8/0273 | [11] | 40061554      |
|      | H01M 8/026  |      | CN113383447 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01M 8/242 | [11] | 40061554      |
|      | H01M 8/026 |      | CN113383447 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | H01Q 1/22  | [11] | 40061441     |
|      | H01Q 1/34  |      | EP3883051 A1 |
|      | H01Q 9/04  |      |              |
|      | H01Q 25/00 |      |              |
|      | H01Q 21/20 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 42022050086.2 [22] 16.03.2022

[54] ANTENNA ARRAY MODULE  
天線陣列模塊

[71] Maritime IoT Solutions BV  
Bremenstraat 3, 2020 Antwerpen  
BELGIUM

[72] MARTÍN BARTRINA, Álvaro  
VÁZQUEZ ROY, José Luis  
de INCLÁN SÁNCHEZ, Luis Fernando  
RAJO IGLESIAS, Eva

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H01Q 1/34 | [11] | 40061441     |
|      | H01Q 1/22 |      | EP3883051 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01Q 21/20 | [11] | 40061441     |
|      | H01Q 1/22  |      | EP3883051 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01Q 25/00 | [11] | 40061441     |
|      | H01Q 1/22  |      | EP3883051 A1 |
|      |            | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H01Q 9/04 | [11] | 40061441     |
|      | H01Q 1/22 |      | EP3883051 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01R 12/77 | [11] | 40061582     |
|      | A44B 13/00 |      | EP3952690 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01R 13/631 | [11] | 40061644      |
|      | H01R 13/639 |      | CN114207955 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01R 13/639 | [11] | 40061644      |
|      | H01R 13/631 |      | CN114207955 A |
|      |             | [13] | A             |

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[25] DE

[21] 62022050774.8 [22] 29.03.2022

[86] 24.07.2020 PCT/EP2020/070960

[87] 04.02.2021 WO2021/018773

[30] 26.07.2019 DE,102019120276.0

[54] ADAPTER PLUG WITH COMPENSATION FOR PLAY  
具有間隙補償的適配器插頭

[71] HIRSCHMANN AUTOMOTIVE GMBH

赫斯曼汽车有限公司

OBERER PASPELSWEG 6-8, 6830 RANKWEIL/BREDERIS  
AUSTRIA

[72] LINSIEDER, MANUEL M·林泽德  
BREUSS, DANIEL D·布瑞鲁斯  
HOFER, MICHAEL M·霍费尔

[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] | H02J 50/40 | [11] | 40061617      |
|      | H04B 5/00  |      | CN113498582 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H02J 50/80 | [11] | 40061617      |
|      | H04B 5/00  |      | CN113498582 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H02J 9/06  | [11] | 40061637     |
|      | H02M 7/04  |      | EP3959794 A1 |
|      | B64D 11/06 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62022049861.7 [22] 11.03.2022

[86] 24.04.2020 PCT/US2020/029956

[87] 29.10.2020 WO2020/219980

[30] 26.04.2019 US,62/839,516

[54] REDUNDANT ACTUATION POWER AND CONTROL  
冗餘驅動電源和控制

[71] Crane Co.  
100 First Stamford Place Stamford, Connecticut 06902  
UNITED STATES OF AMERICA

[72] McMILLAN, Scott  
GARCIA, Bennie  
AFSHARI, Kourosh  
GEUVDJELIAN, Ary

[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] | H02K 3/46  | [11] | 40061497      |
|      | G04C 10/00 |      | CN114137816 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H02K 5/00  | [11] | 40061497      |
|      | G04C 10/00 |      | CN114137816 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H02K 7/18  | [11] | 40061497      |
|      | G04C 10/00 |      | CN114137816 A |
|      |            | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H02M 7/04 | [11] | 40061637     |
|      | H02J 9/06 |      | EP3959794 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H02S 50/00 | [11] | 40061642     |
|      |            |      | EP3942690 A1 |
|      |            | [13] | A            |

[25] FR

[21] 62022050768.0 [22] 29.03.2022

[86] 20.03.2020 PCT/EP2020/057747

[87] 24.09.2020 WO2020/188077

[30] 20.03.2019 FR,FR1902889

[54] METHOD FOR DETERMINING A SOLAR MASK FOR AN INSTALLATION AND  
METHOD FOR CHECKING THE COMPATIBILITY OF A MOTORISED DRIVE  
DEVICE  
用於確定裝置的日光掩模的方法和用於檢查電動驅動裝置的兼容性的方法

[71] SOMFY ACTIVITES SA  
50, AVENUE DU NOUVEAU MONDE  
F-74300 CLUSES  
FRANCE

[72] ROUSSEAU, FABIEN

[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] | H04B 17/318 | [11] | 40061460      |
|      | H04W 64/00  |      | CN114096001 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04B 17/318 | [11] | 40061508     |
|      | H04W 76/23  |      | EP3962229 A1 |

[13] A

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H04B 3/20 | [11] | 40061682     |
|      | H04R 3/02 |      | EP3952335 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04B 5/00  | [11] | 40061617      |
|      | G06K 7/10  |      | CN113498582 A |
|      | H02J 50/40 |      |               |
|      | H02J 50/80 |      |               |

[13] A

[25] EN

[21] 62022049656.1 [22] 09.03.2022

[86] 08.06.2020 PCT/US2020/036613

[87] 24.12.2020 WO2020/256981

[30] 17.06.2019 US,16/442,603

[54] DYNAMIC POWER LEVELS IN NFC CARD COMMUNICATIONS  
NFC 卡通信中的動態功率水平[71] CAPITAL ONE SERVICES, LLC  
第一资本服务有限责任公司  
1680 Capital One Drive, McLean, Virginia 22102  
UNITED STATES OF AMERICA  
美國  
弗吉尼亚州[72] RULE, Jeffrey 杰弗里·鲁尔  
ILINCIC, Rajko 拉伊科·埃琳西克[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] | H04B 7/06 | [11] | 40061510     |
|      | H04L 1/00 |      | EP3905564 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04B 7/24  | [11] | 40061694     |
|      | A61M 5/315 |      | EP3897786 A1 |
|      |            | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | H04L 1/00 | [11] | 40061510     |
|      | H04B 7/06 |      | EP3905564 A1 |

H04L 1/06  
H04W 52/02

[13] A

[25] EN

[21] 42022051209.9 [22] 06.04.2022

[30] 02.11.2016 US,201662416625 P

27.01.2017 US,201762451421 P

[54] MIMO (MULTIPLE INPUT MULTIPLE OUTPUT) LAYER TRANSMISSION FOR  
NR (NEW RADIO)

用於NR (新無線電) 的MIMO (多輸入多輸出) 層傳輸

[71] Apple Inc.

One Apple Park Way

Cupertino, CA 95014

UNITED STATES OF AMERICA

[72] DAVYDOV, Alexei

LEE, Wook Bong

MOROZOV, Gregory V.

HE, Hong

SERGEEV, Victor

[74] WILKINSON & GRIST

6th Floor, Prince's Building

Chater Road

HONG KONG

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[51] H04L 1/06

H04L 1/00

[11] 40061510

EP3905564 A1

[13] A

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[51] H04L 12/24

[11] 40061452

CN113783726 A

[13] A

[25] ZH

[21] 42022050167.0 [22] 17.03.2022

[54] AN SLA-ORIENTED RESOURCE ADAPTIVE CUSTOMIZATION METHOD IN  
EDGE-CLOUD SYSTEMS

一種面向SLA的邊雲系統的資源自適應定制方法

[71] TIANJIN UNIVERSITY

天津大學

No.92 Weijin Road

Nankai District,Tianjin

CHINA

[72] Wang Xiaofei 王曉飛

JU Yanli 鞠艷麗

REN, Yuanming 任遠銘

WANG, Xin 王鑫

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04L 27/00 | [11] | 40061508     |
|      | H04W 76/23 |      | EP3962229 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04L 27/26 | [11] | 40061509     |
|      | H04L 5/00  |      | EP3961968 A1 |
|      |            | [13] | A            |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | H04L 29/06 | [11] | 40061429    |
|      | H04L 9/08  |      | GB2593108 A |
|      |            | [13] | A           |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/06 | [11] | 40061469      |
|      | G06F 21/60 |      | CN113591105 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04L 29/06 | [11] | 40061511     |
|      | H04W 4/00  |      | EP3920507 A1 |
|      | H04W 84/18 |      |              |
|      |            | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42022051210.7 | [22] | 06.04.2022 |
|------|---------------|------|------------|

[30] 05.06.2015 US,201562171376 P  
02.06.2016 US,201615171310

[54] WIRELESS AUDIO OUTPUT DEVICES  
無線音頻輸出設備

[71] Apple Inc.  
One Apple Park Way  
Cupertino, CA 95014  
UNITED STATES OF AMERICA

[72] WATSON, Robert Doran  
SHAW, David John  
GANAPATHI BATTA, Ganesha Adkasthala  
CHANDRAMOHAN, Chandrahas Aralaguppe  
BURNS, Gregory Robert  
BYER, Benjamin Huth



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

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[51] H04L 29/08 [11] 40061429  
H04L 9/08 GB2593108 A  
[13] A

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[51] H04L 29/08 [11] 40061471  
H04N 21/63 EP3886451 A1  
[13] A

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[51] H04L 29/12 [11] 40061434  
CN113382093 A  
[13] A

[25] ZH

[21] 42022049595.6 [22] 09.03.2022

[54] DOMAIN NAME RESOLUTION METHOD, ELECTRONIC DEVICE AND SYSTEM  
域名解析的方法、電子裝置以及系統

[71] GUIZHOU BAISHAN CLOUD TECHNOLOGY CO., LTD.  
貴州白山云科技股份有限公司  
中國  
貴州省貴陽市貴安新區  
高端裝備產業園南部區內 12 號樓

[72] 馬紅光  
符立佳

[74] 香港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] H04L 5/00 [11] 40061509  
H04W 16/14 EP3961968 A1  
H04W 72/04  
H04W 72/12  
H04W 74/08  
H04L 27/26  
[13] A

[25] EN

[21] 42022051208.1 [22] 06.04.2022

- [30] 06.11.2015 US,201562252356 P  
16.11.2015 US,201562256014 P
- [54] PARTIAL SUBFRAME TRANSMISSION IN LICENSED ASSISTED ACCESS  
在授權的輔助接入中的部分子幀傳輸
- [71] Apple Inc.  
One Apple Park Way  
Cupertino, CA 95014  
UNITED STATES OF AMERICA
- [72] BHORKAR, Abhijeet  
KWON, Hwan-Joon  
JEON, Jeongho  
YE, Qiaoyang
- [74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG
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- [51] H04L 9/06 [11] 40061614  
G06F 16/21 EP3959622 A1  
[13] A
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- [51] H04L 9/08 [11] 40061429  
H04L 29/06 GB2593108 A  
H04L 29/08  
H04W 4/70  
H04W 12/0431  
H04W 12/069  
[13] A
- [25] EN
- [21] 42022049251.6 [22] 02.03.2022
- [30] 28.10.2013 US,14/064,618
- [54] A SET OF SERVERS FOR "MACHINE-TO-MACHINE" COMMUNICATIONS  
USING PUBLIC KEY INFRASTRUCTUR  
使用公鑰基礎設施進行“機器對機器”通信的一組服務器
- [71] Network-1 Technologies, Inc.  
445 Park Avenue, Suite 912  
New York, New York 10022  
UNITED STATES OF AMERICA
- [72] John A Nix
- [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] | H04M 1/60 | [11] | 40061682     |
|      | H04R 3/02 |      | EP3952335 A1 |
|      |           | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04N 19/119  | [11] | 40061734      |
|      | H04N 19/167  |      | CN113498606 A |
|      | H04N 19/17   |      |               |
|      | H04N 19/597  |      |               |
|      | G06T 9/00    |      |               |
|      | H04N 19/70   |      |               |
|      | H04N 21/2343 |      |               |
|      | H04N 21/4402 |      |               |
|      |              | [13] | A             |

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|------|--------------------------------------------------------------------------------------------------------------------|------|------------|
| [25] | EN                                                                                                                 |      |            |
| [21] | 62022051419.9                                                                                                      | [22] | 08.04.2022 |
| [86] | 16.12.2019 PCT/FI2019/050893                                                                                       |      |            |
| [87] | 09.07.2020 WO2020/141248                                                                                           |      |            |
| [30] | 02.01.2019 US,62/787,483                                                                                           |      |            |
| [54] | AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO CODING AND DECODING<br>用於視頻編碼和解碼的裝置、方法和計算機程序               |      |            |
| [71] | NOKIA TECHNOLOGIES OY<br>諾基亞技術有限公司<br>Karakaari 7<br>02610 Espoo<br>FINLAND                                        |      |            |
| [72] | HANNUKSELA, Miska M·漢努克塞拉<br>AMINLOU, Alireza A·阿明洛                                                                |      |            |
| [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] | H04N 19/167 | [11] | 40061734      |
|      | H04N 19/119 |      | CN113498606 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/17  | [11] | 40061734      |
|      | H04N 19/119 |      | CN113498606 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/597 | [11] | 40061734      |
|      | H04N 19/119 |      | CN113498606 A |

[13] A

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|------|-------------|------|---------------|
| [51] | H04N 19/70  | [11] | 40061734      |
|      | H04N 19/119 |      | CN113498606 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | H04N 21/231 | [11] | 40061471     |
|      | H04N 21/63  |      | EP3886451 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/233 | [11] | 40061479      |
|      | G10L 25/24  |      | CN114093384 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/234 | [11] | 40061479      |
|      | G10L 25/24  |      | CN114093384 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04N 21/2343 | [11] | 40061734      |
|      | H04N 19/119  |      | CN113498606 A |
|      |              | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04N 21/25 | [11] | 40061471     |
|      | H04N 21/63 |      | EP3886451 A1 |
|      |            | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | H04N 21/2662 | [11] | 40061471     |
|      | H04N 21/63   |      | EP3886451 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04N 21/433 | [11] | 40061471     |
|      | H04N 21/63  |      | EP3886451 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/439 | [11] | 40061479      |
|      | G10L 25/24  |      | CN114093384 A |

[13] A

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|------|------------|------|--------------|
| [51] | H04N 21/44 | [11] | 40061471     |
|      | H04N 21/63 |      | EP3886451 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04N 21/44 | [11] | 40061479      |
|      | G10L 25/24 |      | CN114093384 A |
|      |            | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04N 21/4402 | [11] | 40061734      |
|      | H04N 19/119  |      | CN113498606 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04N 21/442 | [11] | 40061471     |
|      | H04N 21/63  |      | EP3886451 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04N 21/462 | [11] | 40061471     |
|      | H04N 21/63  |      | EP3886451 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | H04N 21/466 | [11] | 40061471     |
|      | H04N 21/63  |      | EP3886451 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04N 21/61 | [11] | 40061471     |
|      | H04N 21/63 |      | EP3886451 A1 |
|      |            | [13] | A            |

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|------|--------------|------|--------------|
| [51] | H04N 21/63   | [11] | 40061471     |
|      | H04L 29/08   |      | EP3886451 A1 |
|      | G06F 16/182  |      |              |
|      | H04N 21/25   |      |              |
|      | H04N 21/466  |      |              |
|      | H04N 21/2662 |      |              |
|      | H04N 21/462  |      |              |
|      | H04N 21/845  |      |              |

H04N 21/231  
H04N 21/433  
H04N 21/44  
H04N 21/442  
H04N 21/61

[13] A

[25] EN

[21] 42022050677.8 [22] 25.03.2022

[54] METHOD FOR PLAYING ON A PLAYER OF A CLIENT DEVICE A CONTENT  
STREAMED IN A NETWORK

客戶端設備的播放器上播放網絡中流式傳輸的內容的方法

[71] Streamroot  
44 Rue Cauchy  
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[72] Yousef, Hiba  
Storelli, Alexandre  
Delmas, Axel

[74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

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[51] H04N 21/845 [11] 40061471  
H04N 21/63 EP3886451 A1  
[13] A

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[51] H04R 3/02 [11] 40061682  
H04B 3/20 EP3952335 A1  
H04M 1/60

[13] A

[25] JA

[21] 62022051272.2 [22] 07.04.2022

[86] 17.03.2020 PCT/JP2020/011726

[87] 08.10.2020 WO2020/203258

[30] 05.04.2019 JP,2019-072738

[54] ECHO SUPPRESSION DEVICE, ECHO SUPPRESSION METHOD, AND ECHO  
SUPPRESSION PROGRAM

回聲抑制裝置、回聲抑制方法和回聲抑制程序

[71] TRANSTRON INC.  
15-16, Shin-Yokohama 2-chome  
Kouhoku-ku Yokohama-shi, Kanagawa 222-0033  
JAPAN

[72] SATOMI, Yuki

[74] WILKINSON & GRIST  
6th Floor, Prince's Building

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HONG KONG

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|      |              |      |             |
|------|--------------|------|-------------|
| [51] | H04W 12/0431 | [11] | 40061429    |
|      | H04L 9/08    |      | GB2593108 A |
|      |              | [13] | A           |

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|      |             |      |             |
|------|-------------|------|-------------|
| [51] | H04W 12/069 | [11] | 40061429    |
|      | H04L 9/08   |      | GB2593108 A |
|      |             | [13] | A           |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04W 16/14 | [11] | 40061509     |
|      | H04L 5/00  |      | EP3961968 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04W 24/10 | [11] | 40061638     |
|      |            |      | EP3955628 A1 |
|      |            | [13] | A            |

[25] ZH

[21] 62022049862.5 [22] 11.03.2022

[86] 17.04.2020 PCT/CN2020/085390

[87] 29.10.2020 WO2020/216148

[30] 26.04.2019 CN,201910346460.2

[54] INFORMATION REPORTING AND RECEIVING METHODS AND APPARATUSES,  
AND RELATED DEVICE AND STORAGE MEDIUM  
信息上報及接收方法、裝置、相關設備及存儲介質

[71] China Mobile Communication Co., Ltd Research Institute  
中国移动通信有限公司研究院  
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CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.  
中国移动通信集团有限公司  
中國  
北京市西城区金融大街 29 号

[72] XIE, Fang 谢芳

LIU, Guangyi 刘光毅

[74] 香港派特恩知识产权代理有限公司  
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[51] H04W 28/02 [11] 40061508  
H04W 76/23 EP3962229 A1  
[13] A

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[51] H04W 4/00 [11] 40061511  
H04L 29/06 EP3920507 A1  
[13] A

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[51] H04W 4/12 [11] 40061623  
G06Q 20/40 CN113383359 A  
[13] A

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[51] H04W 4/30 [11] 40061623  
G06Q 20/40 CN113383359 A  
[13] A

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[51] H04W 4/70 [11] 40061429  
H04L 9/08 GB2593108 A  
[13] A

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[51] H04W 40/24 [11] 40061683  
CN113678507 A  
[13] A

[25] DE

[21] 62022051273.0 [22] 07.04.2022

[86] 26.02.2020 PCT/EP2020/054977

[87] 03.09.2020 WO2020/173975

[30] 28.02.2019 DE,10 2019 202 725.3

[54] SIGNALLING A MULTICAST MESSAGE IN NON-COORDINATED NETWORKS  
在非協調網路中用信號通知多播消息

[71] Fraunhofer-Gesellschaft zur Forderung der angewandten  
Forschung e.V.  
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- [72] KILIAN, Gerd 格爾德·基利安  
BERNHARD, Josef 約瑟夫·伯恩哈德  
KAUPPERT, Thomas 湯瑪斯·考珀特  
PETKOV, Hristo 赫里斯托·佩特科夫  
WECHSLER, Johannes 約翰尼·韋切斯勒  
KNEISSL, Jakob 雅可比·科內瑟爾  
MZVK, Raphael 拉斐爾·姆齊科  
GOTTSCHALK, Klaus 克勞斯·哥特沙爾克  
SOLLER, Dominik 多米尼克·索爾拉  
SCHLICHT, Michael 邁克爾·施利希特
- [74] MARKS & CLERK  
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100 Cyberport Road, Pok Fu Lam  
HONG KONG

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- |      |            |      |              |
|------|------------|------|--------------|
| [51] | H04W 52/02 | [11] | 40061510     |
|      | H04L 1/00  |      | EP3905564 A1 |
|      |            | [13] | A            |
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|------|-------------|------|---------------|
| [51] | H04W 64/00  | [11] | 40061460      |
|      | H04B 17/318 |      | CN114096001 A |
|      | G01S 5/02   |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42022050192.8 [22] 17.03.2022

[30] 24.08.2020 US, 63/103,770  
11.06.2021 US, 17/344,998

[54] PROBABILISTIC SYSTEM AND METHOD FUSING AN ARBITRARY  
COMBINATION OF HETEROGENEOUS SIGNALS FOR DETERMINING THE  
LOCATION OF ELECTRONIC DEVICES

一種融合異質信號的任意組合以確定電子裝置位置的概率系統及方法

[71] The Hong Kong University of Science and Technology  
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[72] 陈双幸  
王文宇

[74] IDEA INTELLECTUAL LIMITED  
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HONG KONG

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[51] H04W 72/02 [11] 40061508  
H04W 76/23 EP3962229 A1  
[13] A

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[51] H04W 72/04 [11] 40061509  
H04L 5/00 EP3961968 A1  
[13] A

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[51] H04W 72/04 [11] 40061594  
EP3952503 A1  
[13] A

[25] ZH  
[21] 62022049606.6 [22] 09.03.2022  
[86] 26.12.2019 PCT/CN2019/128534  
[87] 01.10.2020 WO2020/192213  
[30] 25.03.2019 CN,201910228980.3  
[54] METHOD AND DEVICE FOR SHARING CHANNEL OCCUPATION TIME  
共享信道佔用時間的方法和設備  
[71] VIVO MOBILE COMMUNICATION CO., LTD.  
維沃移动通信有限公司  
中國  
廣東省東莞市長安鎮  
烏沙步步高大道 283 號  
[72] LI, Can 李燦  
SHEN, Xiaodong 沈曉冬  
JIANG, Lei 姜蕾  
[74] 中國專利代理(香港)有限公司  
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灣仔  
港灣道 23 號鷹君中心 22 字樓

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[51] H04W 72/08 [11] 40061508  
H04W 76/23 EP3962229 A1  
[13] A

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[51] H04W 72/12 [11] 40061459  
CN113473633 A  
[13] A

[25] ZH  
[21] 42022050189.4 [22] 17.03.2022

- [30] 31.03.2020 US,63/002,876
- [54] METHOD AND APPARATUS FOR PRIORITIZATION BETWEEN UPLINK DATA  
AND SCHEDULING REQUEST  
上行鏈路數據與調度請求之間優先級排序的方法和設備
- [71] ASUSTeK COMPUTER INC.  
華碩電腦股份有限公司  
No. 15, Lite Rd., Peitou Dist., Taipei City 112  
TAIWAN
- [72] KUNG, Yi-Hsuan 龔逸軒  
GUO, Yu-Hsuan 郭宇軒
- [74] HOGAN LOVELLS  
11th Floor, One Pacific Place  
88 Queensway  
HONG KONG

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- |      |            |      |              |
|------|------------|------|--------------|
| [51] | H04W 72/12 | [11] | 40061509     |
|      | H04L 5/00  |      | EP3961968 A1 |
|      |            | [13] | A            |
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|------|------------|------|--------------|
| [51] | H04W 74/08 | [11] | 40061509     |
|      | H04L 5/00  |      | EP3961968 A1 |
|      |            | [13] | A            |
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|------|------------|------|--------------|
| [51] | H04W 76/10 | [11] | 40061593     |
|      |            |      | EP3952597 A1 |
|      |            | [13] | A            |
- [25] ZH
- [21] 62022049603.3 [22] 09.03.2022
- [86] 18.03.2020 PCT/CN2020/079883
- [87] 01.10.2020 WO2020/192515
- [30] 28.03.2019 CN,201910245137.6
- [54] DATA SENDING METHOD, INFORMATION CONFIGURATION METHOD,  
TERMINAL, AND NETWORK DEVICE  
數據發送方法、信息配置方法、終端及網絡設備
- [71] VIVO MOBILE COMMUNICATION CO., LTD.  
维沃移动通信有限公司  
中國  
广东省东莞市长安镇  
乌沙步步高大道 283 号
- [72] WU, Yumin 吴昱民
- [74] 中國專利代理(香港)有限公司  
香港

灣仔

港灣道 23 號鷹君中心 22 字樓

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|------|-------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | H04W 76/23<br>H04W 72/02<br>H04B 17/318<br>H04L 27/00<br>H04W 28/02<br>H04W 72/08                                       | [11] | 40061508<br>EP3962229 A1 |
|      |                                                                                                                         | [13] | A                        |
| [25] | EN                                                                                                                      |      |                          |
| [21] | 42022051207.3                                                                                                           | [22] | 06.04.2022               |
| [30] | 06.02.2017 US,201762455420 P                                                                                            |      |                          |
| [54] | PARTIAL SENSING AND CONGESTION CONTROL FOR LONG TERM<br>EVOLUTION (LTE) VEHICULAR COMMUNICATION<br>用於長期演進車輛通訊的部分感知和擁塞控制 |      |                          |
| [71] | Apple Inc.<br>One Apple Park Way<br>Cupertino, CA 95014<br>UNITED STATES OF AMERICA                                     |      |                          |
| [72] | KHORYAEV, Alexey<br>PANTELEEV, Sergey<br>SHILOV, Mikhail S.<br>SOSIN, Sergey D.                                         |      |                          |
| [74] | WILKINSON & GRIST<br>6th Floor, Prince's Building<br>Chater Road<br>HONG KONG                                           |      |                          |

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|------|--------------------------|------|--------------------------|
| [51] | H04W 84/18<br>H04L 29/06 | [11] | 40061511<br>EP3920507 A1 |
|      |                          | [13] | A                        |

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|------|-------------------------|------|-------------------------|
| [51] | H05B 1/02<br>A47J 36/24 | [11] | 40061467<br>GB2593468 A |
|      |                         | [13] | A                       |

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|      |                             |      |                           |
|------|-----------------------------|------|---------------------------|
| [51] | H05B 3/12                   | [11] | 40061430<br>CN113395795 A |
|      |                             | [13] | A                         |
| [25] | ZH                          |      |                           |
| [21] | 42022049580.8               | [22] | 08.03.2022                |
| [30] | 12.03.2020 BR,1020200049801 |      |                           |

[54] ELECTRICAL DEVICE OF RESISTIVE ELEMENT TYPE WITH A STRUCTURE OF PARTICULATE MATERIALS

具有顆粒材料的結構的電阻元件型電器件

[71] HYDRA CORONA SISTEMAS DE AQUECIMENTO DE AGUA LTDA.

海德拉科罗纳热水系统有限公司

RUA GUAPORÉ, NO 527, ARACAJU/SE, 49025-040

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[72] Santos, André Lucas de Oliveira A·L·D·O·桑托斯

Klein, Aloísio Nelmo A·N·克莱恩

Binder, Cristiano C·宾德尔

Silva, Gabriel Beltrame Derner G·B·D·席尔瓦

Marin, Guilherme G·马林

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Probst, Sonia Maria Hickel S·M·H·普罗斯特

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

Unit 09, 34/F., Office Tower, Convention Plaza

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H05K 1/02 | [11] | 40061437      |
|      | H05K 3/32 |      | CN113382556 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H05K 1/03  | [11] | 40061582     |
|      | A44B 13/00 |      | EP3952690 A1 |
|      |            | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H05K 3/32 | [11] | 40061437      |
|      | H05K 1/02 |      | CN113382556 A |
|      | C09J 9/02 |      |               |
|      |           | [13] | A             |

[25] ZH

[21] 42022049608.7 [22] 09.03.2022

[30] 07.02.2014 JP, 2014-022861

[54] ALIGNMENT METHOD, METHOD FOR CONNECTING ELECTRONIC COMPONENT, METHOD FOR MANUFACTURING CONNECTED BODY, AND ANISOTROPIC CONDUCTIVE FILM

對準方法、電子部件的連接方法、連接體的製造方法、連接體、各向異性導電膜

- [71] DEXERIALS CORPORATION  
1724 SHIMOTSUBOYAMA  
SHIMOTSUKE-SHI, TOCHIGI 323-0194  
JAPAN
- [72] YASUSHI AKUTSU
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG
-

**2. 按發表編號排列****Arranged by Publication Number****40061425 - 40061762**

| [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                                                                |
| 40061425        | EP3914120                                      | A43B 7/36                                                                                                |
| 40061426        | EP3868405                                      | A61K 39/395, C07K 16/30,<br>A61K 45/06, G01N 33/574,<br>A61K 39/00                                       |
| 40061427        | EP3868771                                      | C07H 13/08, A61K 31/7024,<br>A61P 37/04                                                                  |
| 40061428        | EP3872080                                      | C07D 487/04, C07D 471/04,<br>A61K 31/4985, A61P 25/28                                                    |
| 40061429        | GB2593108                                      | H04L 9/08, H04L 29/06, H04L<br>29/08, H04W 4/70, H04W<br>12/0431, H04W 12/069                            |
| 40061430        | CN113395795                                    | H05B 3/12                                                                                                |
| 40061431        | EP3892766                                      | D05B 35/06, D05C 7/08                                                                                    |
| 40061432        | EP3889292                                      | C22C 38/02, C22C 38/04,<br>C22C 38/44, C22C 38/58,<br>B23K 35/02, B23K 35/30,<br>B23K 26/342, B22D 17/20 |
| 40061433        | EP3907020                                      | B22D 17/22, B22D 17/24                                                                                   |
| 40061434        | CN113382093                                    | H04L 29/12                                                                                               |
| 40061435        | EP3892399                                      | B22D 17/20                                                                                               |
| 40061436        | EP3928889                                      | B22D 17/20, B22D 17/32                                                                                   |
| 40061437        | CN113382556                                    | H05K 3/32, H05K 1/02, C09J<br>9/02                                                                       |
| 40061438        | GB2598173                                      | B61L 27/70, B61K 9/08, B61L<br>23/00                                                                     |
| 40061439        | EP3881693                                      | A24F 40/46, A24F 40/42,<br>A24F 40/40, A24F 40/20                                                        |
| 40061440        | CN113430196                                    | C12N 15/113, A61K 31/713,<br>A61P 35/00, A61P 1/16, A61P<br>31/20, A61P 29/00                            |

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| 40061441 | EP3883051   | H01Q 1/22, H01Q 1/34, H01Q 9/04, H01Q 25/00, H01Q 21/20                                                                                   |
| 40061442 | CN113969620 | E04B 1/348, E04B 1/38                                                                                                                     |
| 40061443 | EP3882395   | D21H 17/11, D21H 17/46, D21H 17/00, D21H 19/82, D21H 19/84, D21H 21/16, D21H 27/10                                                        |
| 40061444 | CN113401769 | B66B 11/02, B66B 5/00                                                                                                                     |
| 40061445 | CN114058087 | C08L 5/02, C08L 23/08, C08L 3/02, C08K 5/053, C08K 5/098, C08K 5/1535, C08L 23/12, C08L 23/06, C08J 9/12, C08J 9/06, C08J 9/32, C08J 9/22 |
| 40061446 | EP3881780   | A61B 17/16, A61B 17/3205, B25B 23/14, A61B 17/00, A61B 17/32, A61B 17/34, A61B 90/00                                                      |
| 40061447 | CN113799233 | B28B 1/24, C09D 159/02, C09D 177/00, C09D 175/04, C09D 181/02, C09D 155/02, C09D 169/00                                                   |
| 40061448 | CN113679152 | A44C 5/00, A61K 8/68, A61K 8/73, A61K 8/64, A61K 8/9794, A61Q 19/00, A01N 43/40, A01N 59/26, A01N 59/06, A01N 25/08, A01P 1/00, A01P 3/00 |
| 40061449 | CN113413387 | A61K 31/496, A61P 25/08, A61P 25/28, A61P 25/00, A61P 1/00, A61P 27/02, A61P 25/02, A61P 25/06, A61P 25/04, A61P 29/00                    |
| 40061450 | CN114107325 | C12N 15/29                                                                                                                                |
| 40061451 | CN113584178 | C12Q 1/6888, C12Q 1/6837, G16B 20/20, G16B 20/30, G16B 20/40                                                                              |
| 40061452 | CN113783726 | H04L 12/24                                                                                                                                |
| 40061453 | CN114110667 | F24C 3/08, F24C 3/12, F24C 15/08                                                                                                          |
| 40061454 | CN113416179 | C07D 401/04                                                                                                                               |
| 40061455 | CN113464309 | F02F 3/28, F16J 1/00, F16J 1/09, F16J 9/08, F16J 9/12, F02B 71/00                                                                         |
| 40061456 | EP3881879   | A61M 5/315                                                                                                                                |
| 40061457 | EP3881880   | A61M 5/315                                                                                                                                |
| 40061458 | CN113599534 | A61K 47/68, A61K 47/64, A61K 47/69, A61K 9/19, A61K                                                                                       |



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|          |             | 31/337, A61K 39/395, A61P 35/00                                                                                                                                                                |
| 40061459 | CN113473633 | H04W 72/12                                                                                                                                                                                     |
| 40061460 | CN114096001 | H04W 64/00, H04B 17/318, G01S 5/02                                                                                                                                                             |
| 40061461 | EP3888694   | A61K 51/00, C07C 279/06, C07B 59/00, C07C 17/093, C07F 7/22, A61K 51/04, A61P 35/00                                                                                                            |
| 40061462 | CN113475816 | A43B 23/02, A43C 1/04, A43B 1/04, A43B 1/00, A43B 23/04, D04B 1/12                                                                                                                             |
| 40061463 | EP3895528   | A01K 67/027, C07K 16/00, C07K 16/46, C12N 15/85                                                                                                                                                |
| 40061464 | CN113521314 | A61K 49/00, A61K 49/10, A61K 49/18, A61K 51/04, B82Y 5/00, B82Y 15/00, A61B 5/00, A61B 5/0275, A61B 5/08, A61B 5/318, A61B 6/00, A61B 6/03, C07D 473/34, C07D 473/40, C07D 471/04, C07D 231/56 |
| 40061465 | EP3967303   | A61K 31/198, A61K 31/337, A61K 31/4422, A61P 35/00, A61K 31/223, A61K 31/277, A61K 31/4427, A61K 31/4439, A61K 31/444, A61K 31/496, A61K 31/554, A61K 31/675, A61K 33/243                      |
| 40061466 | CN113687587 | G04B 39/00, G04D 3/00                                                                                                                                                                          |
| 40061467 | GB2593468   | A47J 36/24, A47J 27/00, A47J 27/14, H05B 1/02                                                                                                                                                  |
| 40061468 | CN113468222 | G06F 16/2455, G06F 16/26, G06K 9/62                                                                                                                                                            |
| 40061469 | CN113591105 | G06F 21/60, G06F 21/62, G06F 16/27, G06Q 40/04, H04L 29/06                                                                                                                                     |
| 40061470 | EP3909581   | A61K 31/465, A24B 15/16                                                                                                                                                                        |
| 40061471 | EP3886451   | H04N 21/63, H04L 29/08, G06F 16/182, H04N 21/25, H04N 21/466, H04N 21/2662, H04N 21/462, H04N 21/845, H04N 21/231, H04N 21/433, H04N 21/44, H04N 21/442, H04N 21/61                            |
| 40061472 | EP3915390   | A23G 9/08, A23G 9/10, A23G 9/12, A23G 9/22, A23G 9/28, A23G 9/52, B65D 17/30, B65D 17/28, B65D 47/26, B65D 85/80, B65D 85/78                                                                   |
| 40061473 | EP3885738   | G01N 1/22                                                                                                                                                                                      |

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| 40061474 | EP3961565   | G06T 7/11, G06T 7/149                                                                                                                                                                                                                                                         |
| 40061475 | CN114083860 | B32B 27/36, B32B 3/08, B32B 3/30, B32B 7/12, B32B 27/06, B29C 59/04                                                                                                                                                                                                           |
| 40061476 | CN114203161 | G10L 15/02, G10L 15/16, G10L 15/22, G10L 25/24                                                                                                                                                                                                                                |
| 40061477 | CN113850245 | G06K 9/00, G06K 9/46, G06K 9/38, G06N 3/04, G06N 3/08                                                                                                                                                                                                                         |
| 40061478 | CN114117409 | G06F 21/53                                                                                                                                                                                                                                                                    |
| 40061479 | CN114093384 | G10L 25/24, G10L 15/26, G10L 13/02, G10L 15/02, H04N 21/234, H04N 21/44, H04N 21/233, H04N 21/439, G06V 40/16, G06V 10/44, G06V 10/764, G06V 10/82, G06K 9/62, G06N 3/04, G06N 3/08, G06T 13/20, G06T 13/40                                                                   |
| 40061480 | CN113724378 | G06T 17/00, G06T 7/73                                                                                                                                                                                                                                                         |
| 40061481 | CN113936086 | G06T 15/00, G06T 13/40                                                                                                                                                                                                                                                        |
| 40061482 | CN113920032 | G06T 5/00, G06T 5/50, G06T 7/11, G06T 7/194, G06T 7/90                                                                                                                                                                                                                        |
| 40061483 | CN113521268 | A61K 39/215, A61K 9/51, A61P 31/14, B82Y 5/00                                                                                                                                                                                                                                 |
| 40061484 | CN114075199 | C07D 487/04, C07C 57/145, C07C 309/04, C07C 309/24, C07C 59/265, C07C 59/255, C07C 59/285, A61K 31/4188, A61P 25/28, A61P 37/00, A61P 19/02, A61P 35/00, A61P 3/10, A61P 27/02, A61P 1/00, A61P 17/00, A61P 17/04, A61P 11/06, A61P 11/00, A61P 37/06, A61P 31/16, A61P 31/14 |
| 40061485 | EP3909570   | A61K 31/137, A61K 31/216, A61K 31/222, A61K 31/4025, A61K 31/445, A61K 31/46, A61K 31/4725, A61M 5/178, A61P 13/10                                                                                                                                                            |
| 40061486 | EP3912982   | C07F 9/6558, C07F 9/572, C07D 207/46                                                                                                                                                                                                                                          |
| 40061487 | EP3888691   | A61K 47/68, A61P 35/00                                                                                                                                                                                                                                                        |
| 40061488 | CN114005489 | G16B 30/10, G16B 20/50                                                                                                                                                                                                                                                        |
| 40061489 | CN113521269 | A61K 39/215, A61K 48/00, A61K 31/7105, A61K 9/51, A61K 47/18, A61K 47/28, A61K 47/24, A61K 47/10, A61P 31/14, C12N 15/50, C07K 14/165                                                                                                                                         |

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| 40061490 | CN114002496 | G01R 19/25, G01R 1/30, C12Q 1/6869                                                                                                                                                                                                                                                                     |
| 40061491 | CN113487024 | G06N 3/08, G06N 3/04, G06K 9/62, G06F 16/35, G06F 16/28, G06F 40/216, G06F 40/211, G06F 40/295                                                                                                                                                                                                         |
| 40061492 | EP3900832   | B01L 9/06, G01N 35/00, B03C 1/02, B03C 1/033, B03C 1/28, G01N 1/34, G01N 35/10, B03C 1/30                                                                                                                                                                                                              |
| 40061493 | EP3925444   | A01N 37/02, A01P 3/00, A01N 25/02                                                                                                                                                                                                                                                                      |
| 40061494 | EP3909949   | C07D 403/12, C07D 405/14, C07D 401/12, C07D 471/08, C07D 487/08, C07D 487/10, C07D 491/04, C07C 275/16, C07C 243/28, A61K 31/495, A61K 31/504, A61K 31/506, A61K 31/5365, A61K 31/4155, A61K 31/337, A61K 31/15, A61K 31/27, A61P 31/18, A61K 31/52, A61K 31/55, A61K 31/553, A61K 31/685, A61K 31/688 |
| 40061495 | EP3912643   | A61K 47/68, A61P 35/00                                                                                                                                                                                                                                                                                 |
| 40061496 | CN113960912 | G04C 3/10, G04C 3/14                                                                                                                                                                                                                                                                                   |
| 40061497 | CN114137816 | G04C 10/00, H02K 3/46, H02K 5/00, H02K 7/18                                                                                                                                                                                                                                                            |
| 40061498 | CN113880819 | C07D 405/06                                                                                                                                                                                                                                                                                            |
| 40061499 | CN114085288 | C07K 16/28, C07K 16/46, C12N 15/13, A61K 39/395, A61P 35/00, A61P 35/02, G01N 33/68, G01N 33/577                                                                                                                                                                                                       |
| 40061500 | EP3889173   | C07K 14/755                                                                                                                                                                                                                                                                                            |
| 40061501 | EP3888659   | A61K 31/5377, A61K 31/4412, A61P 35/00, A61P 35/02, A61K 45/06, A61K 31/537, A61K 31/436, A61K 31/404, A61K 31/4375, A61K 31/496, A61K 31/4965, A61K 31/519, A61K 31/52, A61K 31/573, A61K 31/635, A61K 31/675, A61K 31/69, A61K 39/00, A61K 39/395                                                    |
| 40061502 | EP3967149   | A23G 9/12, A23G 9/22, A23G 9/28, A23G 9/52, B65D 85/804                                                                                                                                                                                                                                                |
| 40061503 | CN113480640 | C07K 16/08, C07K 16/10, A61K 31/00, A61K 39/00, A61P 31/16                                                                                                                                                                                                                                             |
| 40061504 | CN113484523 | G01N 33/68                                                                                                                                                                                                                                                                                             |

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| 40061505 | EP3967150   | A23G 9/12, A23G 9/22, A23G 9/28, A23G 9/52, B65D 85/804                                                                                                                                                                                                                                                                                                                     |
| 40061506 | CN114023389 | G16B 40/20, G16B 30/00                                                                                                                                                                                                                                                                                                                                                      |
| 40061507 | CN114073343 | A41C 3/12, A41C 3/00                                                                                                                                                                                                                                                                                                                                                        |
| 40061508 | EP3962229   | H04W 76/23, H04W 72/02, H04B 17/318, H04L 27/00, H04W 28/02, H04W 72/08                                                                                                                                                                                                                                                                                                     |
| 40061509 | EP3961968   | H04L 5/00, H04W 16/14, H04W 72/04, H04W 72/12, H04W 74/08, H04L 27/26                                                                                                                                                                                                                                                                                                       |
| 40061510 | EP3905564   | H04L 1/00, H04B 7/06, H04L 1/06, H04W 52/02                                                                                                                                                                                                                                                                                                                                 |
| 40061511 | EP3920507   | H04L 29/06, H04W 4/00, H04W 84/18                                                                                                                                                                                                                                                                                                                                           |
| 40061512 | CN114085730 | C12M 1/00, C12M 1/36, C12M 3/00                                                                                                                                                                                                                                                                                                                                             |
| 40061513 | CN114099728 | A61L 2/10, A61L 2/26                                                                                                                                                                                                                                                                                                                                                        |
| 40061514 | CN113698487 | C07K 16/40, C07K 16/28, C12N 15/13, A61K 39/395, A61P 31/14                                                                                                                                                                                                                                                                                                                 |
| 40061515 | CN113480534 | C07D 471/04, C07D 405/14, C07D 409/14, C07D 417/14, C07D 471/08, C07D 487/08, C07D 413/14, A61K 31/4545, A61K 31/444, A61K 31/4439, A61K 31/496, A61K 31/454, A61P 3/10, A61P 27/02, A61P 9/00, A61P 25/00, A61P 5/50, A61P 13/12, A61P 9/12, A61P 19/10, A61P 19/06, A61P 3/04, A61P 3/00, A61P 3/06, A61P 1/16, A61P 35/00, A61P 25/08, A61P 9/10, A61P 25/16, A61P 25/28 |
| 40061516 | EP3892101   | A23C 9/152, A23L 33/12, A61P 1/00                                                                                                                                                                                                                                                                                                                                           |
| 40061517 | EP3973992   | A61K 47/30, A61K 47/32, A61K 47/00, C12P 21/06, C12N 1/20, C12P 1/00                                                                                                                                                                                                                                                                                                        |
| 40061518 | CN114192368 | B05D 5/06, B05D 7/00, B05D 3/00, G02B 5/18, B44C 1/24                                                                                                                                                                                                                                                                                                                       |
| 40061519 | CN113512102 | C07K 14/415, A23L 33/185, A61K 8/64, A61K 9/14, A61K 38/16, A61P 17/02, A61P 17/18, A61P 35/00, A61Q 19/00, A61Q 19/08                                                                                                                                                                                                                                                      |
| 40061520 | EP3912640   | A61K 39/395, C07K 16/24, A61K 31/519                                                                                                                                                                                                                                                                                                                                        |
| 40061521 | CN113481159 | C12N 5/0793, C12N 5/0797                                                                                                                                                                                                                                                                                                                                                    |

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| 40061522 | CN113989531 | G06V 10/74, G06K 9/62                                                                                                                                                                                                              |
| 40061523 | EP3957741   | C12Q 1/68, C12N 15/11, C12M 1/00, C12Q 1/6844                                                                                                                                                                                      |
| 40061524 | CN114076645 | G01K 13/20, G01K 1/02                                                                                                                                                                                                              |
| 40061525 | CN114182246 | C23C 24/04, B64C 1/00, B33Y 10/00, B33Y 80/00, B33Y 50/02                                                                                                                                                                          |
| 40061526 | CN113636422 | B66B 1/18, B66B 1/34, B66B 7/06, B66B 11/00                                                                                                                                                                                        |
| 40061527 | CN113716419 | B66B 5/02, B66B 1/06, B66B 1/34                                                                                                                                                                                                    |
| 40061528 | CN114085146 | C07C 67/30, C07C 69/736, C07C 303/26, C07C 309/73, C07C 309/66                                                                                                                                                                     |
| 40061529 | CN114044741 | C07C 229/16, A61P 35/00, A61P 37/06, A61P 3/10, A61P 25/28, A61P 9/00, A61P 13/12, A61P 3/00, A61P 31/14, A61P 31/16, A61P 31/18, A61P 11/00, A61P 31/22, A61K 31/713, A61K 31/7105, A61K 9/51, A61K 39/00, A61K 45/00, A61K 47/18 |
| 40061530 | CN113528295 | C12M 1/00, C12M 1/34, C12M 1/36, C12M 3/00                                                                                                                                                                                         |
| 40061531 | CN113492024 | B01L 3/00                                                                                                                                                                                                                          |
| 40061532 | EP3907300   | C12Q 1/6883                                                                                                                                                                                                                        |
| 40061533 | EP3892620   | C07D 417/12, A61K 31/4427, A61P 31/22                                                                                                                                                                                              |
| 40061534 | CN113694193 | A61K 39/395, A61P 35/00                                                                                                                                                                                                            |
| 40061535 | EP3901261   | C12N 15/11, A61K 39/215, A61K 45/06, C12N 15/00, C12N 15/10, C07H 21/00, C07H 21/02                                                                                                                                                |
| 40061536 | EP3906913   | A61H 23/00, A61H 7/00                                                                                                                                                                                                              |
| 40061537 | CN113494466 | F04D 25/08, F04D 29/056, F04D 29/62, F04D 29/00                                                                                                                                                                                    |
| 40061538 | EP3893240   | G10L 19/093, G06F 30/327                                                                                                                                                                                                           |
| 40061539 | CN113491737 | A61K 36/8888                                                                                                                                                                                                                       |
| 40061540 | EP3901260   | C12N 15/11, A61K 39/215, A61K 45/06, C12N 15/00, C12N 15/10, C07H 21/00, C07H 21/02                                                                                                                                                |
| 40061541 | CN113677792 | C12N 5/10, C12N 15/45, C07K 14/18, A61K 39/187, A61P 31/14                                                                                                                                                                         |
| 40061542 | EP3867457   | E04B 2/74, E06B 3/02, E04B 2/82                                                                                                                                                                                                    |

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| 40061543 | EP3884061   | C12P 7/42, C12P 7/64, C12P 7/04                                                                                                                                                                           |
| 40061544 | EP3866678   | A61B 5/02, A61B 5/021, A61B 5/026, A61B 5/0295, A61B 5/1455, G01N 21/01, G01N 21/31, G01N 21/49                                                                                                           |
| 40061545 | CN113330171 | E04B 1/98, E04B 2/90, F16F 7/00                                                                                                                                                                           |
| 40061546 | CN113454068 | C07D 231/56, A61K 31/416, A61K 31/437, C07D 471/04, A61P 29/00                                                                                                                                            |
| 40061547 | CN113329774 | A61L 27/16, A61L 27/18, A61L 27/38, A61L 27/56                                                                                                                                                            |
| 40061548 | CN113677783 | C11B 9/00, A61Q 1/00, A61Q 13/00, A61Q 17/00, A61Q 19/00, A61Q 5/00, C12P 7/42, A23L 27/10, A23L 29/00, A61K 8/36, A61K 8/365, A61K 8/368, A61K 8/37, A61K 8/44                                           |
| 40061549 | EP3866759   | A61K 9/00, A61K 31/557, A61P 1/00, A61P 1/16, A61P 15/00, A61P 17/00, A61P 19/04, A61P 25/28, A61P 27/02, A61P 27/06, A61P 27/12, A61P 29/00, A61P 35/00, A61P 35/02, A61P 37/06, A61P 43/00, A61K 31/202 |
| 40061550 | EP3946676   | B01D 39/16                                                                                                                                                                                                |
| 40061551 | EP3897974   | B01J 23/14, B01J 23/18, B01J 23/62, B01J 23/644, H01M 4/90                                                                                                                                                |
| 40061552 | EP3873900   | C07D 471/04, C07D 519/00, A61K 31/437, A61P 29/00                                                                                                                                                         |
| 40061553 | EP3883584   | A61K 35/17, A61K 9/00, A61P 31/00                                                                                                                                                                         |
| 40061554 | CN113383447 | H01M 8/026, H01M 8/0267, H01M 8/0273, H01M 8/242                                                                                                                                                          |
| 40061555 | CN113728109 | C12P 19/04, A61K 39/09, C07K 16/00                                                                                                                                                                        |
| 40061556 | EP3870580   | C07D 417/14, A61K 31/506, A61P 35/00                                                                                                                                                                      |
| 40061557 | EP3924050   | A61P 25/00, C07D 487/04, A61K 31/519                                                                                                                                                                      |
| 40061558 | EP3876736   | A01N 43/90, A01N 43/56, A01N 25/02, A01N 25/22, A01P 13/02                                                                                                                                                |
| 40061559 | EP3924049   | A61P 25/00, C07D 495/04, A61K 31/4365                                                                                                                                                                     |

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| 40061560 | EP3880746   | C08K 3/04, B32B 15/02, B32B 15/04                                                                                                                            |
| 40061561 | EP3866763   | A61K 9/08, A61L 27/52, A61K 47/02, A61K 47/32, A61K 9/06                                                                                                     |
| 40061562 | CN114007431 | A23C 3/027, A23L 3/358, A23L 2/46, A23L 3/00, A23L 3/02, C02F 1/44, A23L 3/04, C02F 1/50, C02F 9/00, C12H 1/00, C02F 1/00, C02F 1/76, C02F 5/14, C02F 103/02 |
| 40061563 | CN114072399 | C07D 417/12, C07D 417/14, C07D 401/12, A61K 31/427, A61K 31/415, A61P 25/28, A61P 11/00                                                                      |
| 40061564 | EP3877465   | C08L 79/02, C08L 79/08, B29C 64/118, B33Y 10/00                                                                                                              |
| 40061565 | EP3870468   | B60J 7/04, B60J 7/06, B60J 7/08, B60J 7/10, B60J 7/12                                                                                                        |
| 40061566 | EP3870469   | B60J 7/16, E05B 83/16, E05C 9/08                                                                                                                             |
| 40061567 | EP3873608   | A61P 31/18, A61P 31/20, A61P 35/00, C07D 471/04, C07D 519/00, A61K 31/444, A61K 31/4545                                                                      |
| 40061568 | CN113396326 | G01N 21/77, G01N 35/00, G01N 35/10                                                                                                                           |
| 40061569 | CN113811925 | G08B 13/00, G08B 25/00, G08B 26/00                                                                                                                           |
| 40061570 | EP3881233   | G06K 9/62, G16H 50/20, G16H 50/30, G16H 50/70                                                                                                                |
| 40061571 | CN113966340 | C07K 14/46, C12N 15/12, C12N 15/63, C07K 19/00, C12N 1/21, C12N 1/15, C12N 5/10, C12N 1/19                                                                   |
| 40061572 | CN113347916 | A61B 5/00, A61B 5/024, A61B 5/11, A61B 6/00, A61B 6/03                                                                                                       |
| 40061573 | EP3874066   | C12Q 1/6869, C12Q 1/6886                                                                                                                                     |
| 40061574 | EP3873903   | C07D 471/04, C07D 519/00, A61K 31/437, A61P 35/00                                                                                                            |
| 40061575 | CN113382672 | A61B 3/10                                                                                                                                                    |
| 40061576 | EP3884221   | F25D 17/02, F25D 17/04, F25D 13/02, A23B 4/26, A23L 3/36, A01N 1/02                                                                                          |
| 40061577 | CN113924100 | A61K 31/702                                                                                                                                                  |
| 40061578 | CN113767098 | C07D 471/04, A61K 31/519, A61P 31/20                                                                                                                         |

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| 40061579 | EP3886737   | A61B 17/22, A61B 8/00, A61B 17/225, A61B 90/00, A61N 7/00                              |
| 40061580 | EP3930683   | A61K 9/00, A61K 47/10, A61K 31/7088, A61P 17/02                                        |
| 40061581 | EP3950942   | C12N 15/09                                                                             |
| 40061582 | EP3952690   | A44B 13/00, A44B 17/00, A41F 1/00, A41D 1/00, H05K 1/03, H01R 12/77                    |
| 40061583 | EP3877002   | A61K 48/00, C12N 15/85, A61K 47/69                                                     |
| 40061584 | EP3876967   | A61K 35/74, A61P 1/00, A61P 29/00                                                      |
| 40061585 | CN113519006 | G06Q 20/34, G07F 19/00                                                                 |
| 40061586 | EP3886642   | A44C 5/24, G04B 37/14, A41H 1/02, A44C 5/02                                            |
| 40061587 | CN113825534 | A61M 5/142, A61M 5/152, A61B 17/42                                                     |
| 40061588 | CN114072211 | A63F 13/2145, A63F 13/44, A63F 13/5375, A63F 13/814                                    |
| 40061589 | CN113423732 | C07K 16/18, A61P 35/00, A61K 39/395, A61K 47/55                                        |
| 40061590 | CN113454168 | C09C 1/48, C09C 1/56, C10B 53/02                                                       |
| 40061591 | CN113453677 | A61K 31/4025, A61P 9/06                                                                |
| 40061592 | CN113382804 | B02C 19/00, B02C 23/18, C08K 3/36                                                      |
| 40061593 | EP3952597   | H04W 76/10                                                                             |
| 40061594 | EP3952503   | H04W 72/04                                                                             |
| 40061595 | CN113543646 | A23C 9/18, A23P 10/28                                                                  |
| 40061596 | CN114096983 | G06Q 50/10, G06F 3/04842, G06F 13/00                                                   |
| 40061597 | EP3920965   | A61K 39/00, A61K 38/48, C07K 16/40, C12N 9/64, G01N 33/50, G01N 33/574                 |
| 40061598 | EP3877051   | A61P 9/10, C07K 16/28                                                                  |
| 40061599 | CN114072785 | G06F 16/29, G06F 16/487, G06F 16/587, G06F 16/687, G06F 16/909                         |
| 40061600 | CN113677806 | C12Q 1/6869, C12Q 1/6806, G01N 33/487, G01N 33/68, G02B 26/10, G06T 7/174              |
| 40061601 | CN113383088 | C12Q 1/6874                                                                            |
| 40061602 | CN113574057 | C07D 471/04, A61K 31/437, A61K 31/519, C07D 487/04, A61P 35/00, A23L 29/00, A23L 33/10 |



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| 40061603 | EP3946438   | A61K 39/00, G01N 33/68,<br>A61K 31/00, A61K 41/00                                                                                    |
| 40061604 | EP3893870   | A61K 31/4025, A61P 9/06                                                                                                              |
| 40061605 | CN113382738 | A61K 31/715, A61K 31/734,<br>A61K 38/05                                                                                              |
| 40061606 | CN113412117 | A61K 35/17, A61K 39/00,<br>A61P 35/02, C07K 14/725,<br>C07K 16/28                                                                    |
| 40061607 | CN114126494 | A61B 8/00                                                                                                                            |
| 40061608 | EP3953393   | C07K 16/30, A61K 31/00                                                                                                               |
| 40061609 | EP3877530   | C12N 15/82                                                                                                                           |
| 40061610 | EP3898981   | C12N 15/55, C12N 15/864,<br>C12N 9/16, C12N 5/10, A61K<br>38/46, A61K 48/00                                                          |
| 40061611 | EP3880336   | B01D 46/00, F24F 3/16                                                                                                                |
| 40061612 | EP3956315   | C07D 231/56, C07D 471/04,<br>A61K 31/416, A61K 31/4162,<br>A61P 35/00, C07D 401/10,<br>C07D 401/14                                   |
| 40061613 | EP3881851   | A61K 31/712, A61P 43/00,<br>C07H 19/06, C07H 19/10,<br>C07H 19/16, C07H 19/20,<br>C12N 15/10                                         |
| 40061614 | EP3959622   | G06F 16/21, G06F 9/451,<br>G06F 21/60, H04L 9/06, G06Q<br>50/26                                                                      |
| 40061615 | EP3894434   | C07K 14/505, C07K 16/00                                                                                                              |
| 40061616 | CN113490952 | G06K 19/077, G06F 21/60,<br>G06F 21/64                                                                                               |
| 40061617 | CN113498582 | H04B 5/00, G06K 7/10, H02J<br>50/40, H02J 50/80                                                                                      |
| 40061618 | CN113632125 | G06Q 20/34, G06Q 20/40,<br>G07F 7/08                                                                                                 |
| 40061619 | EP3876746   | A23J 3/20, A23J 3/22, C07D<br>207/34, C07D 487/22, C07K<br>14/795, C12N 1/12, C12N<br>15/113, A23L 27/26                             |
| 40061620 | EP3876745   | A23J 3/20, C12N 15/11, C07D<br>201/00, C07D 207/34, A23J<br>3/22, C07D 487/22, C07K<br>14/795, C12N 1/12, C12N<br>15/113, A23L 27/26 |
| 40061621 | EP3887154   | B32B 27/06, B82Y 30/00,<br>B82Y 40/00, C01B 32/194                                                                                   |
| 40061622 | CN114080454 | C12N 15/85, C12N 15/90,<br>C12N 15/13, C40B 40/02                                                                                    |
| 40061623 | CN113383359 | G06Q 20/40, G06Q 20/32,<br>G06Q 20/36, H04W 4/30, H04W<br>4/12                                                                       |

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| 40061624 | EP3941470   | A61K 31/496, A61K 9/00,<br>A61P 25/18                                                                                                |
| 40061625 | CN113906013 | C07D 213/89, A61K 31/165                                                                                                             |
| 40061626 | EP3880262   | A61L 27/36                                                                                                                           |
| 40061627 | EP3963153   | E05B 47/00, E05B 19/00                                                                                                               |
| 40061628 | EP3881324   | G16B 20/50, G16B 35/10                                                                                                               |
| 40061629 | CN113795482 | C07D 265/22                                                                                                                          |
| 40061630 | CN113646622 | G01N 21/59, G01N 33/543,<br>G01N 33/569, C07K 19/00,<br>C07K 16/46, C07K 1/22                                                        |
| 40061631 | CN113711211 | G06F 21/44, G06F 21/34                                                                                                               |
| 40061632 | CN113767391 | G06K 7/10                                                                                                                            |
| 40061633 | EP3881326   | G16B 50/00, G16B 30/10,<br>G16B 40/00                                                                                                |
| 40061634 | EP3886696   | A61B 5/05, A61B 5/103, A61B<br>5/117                                                                                                 |
| 40061635 | EP3921835   | G16B 30/20                                                                                                                           |
| 40061636 | EP3921834   | G16B 30/20                                                                                                                           |
| 40061637 | EP3959794   | H02J 9/06, H02M 7/04, B64D<br>11/06                                                                                                  |
| 40061638 | EP3955628   | H04W 24/10                                                                                                                           |
| 40061639 | CN114025755 | A61K 31/416, A61K 31/437,<br>A61P 35/00                                                                                              |
| 40061640 | EP3969473   | C07K 16/18, C07K 16/28,<br>C07K 16/30                                                                                                |
| 40061641 | EP3962464   | A61K 9/51, B01F 11/02, B01J<br>19/10, C08J 3/16                                                                                      |
| 40061642 | EP3942690   | H02S 50/00                                                                                                                           |
| 40061643 | CN113966219 | A61K 31/519, A61K 31/5517,<br>A61K 9/08, A61K 47/26, A61K<br>47/12, A61K 47/22, A61K<br>47/18, A61K 47/10, A61K<br>47/46, A61P 21/00 |
| 40061644 | CN114207955 | H01R 13/639, H01R 13/631                                                                                                             |
| 40061645 | EP3969039   | A61K 39/00, A61P 37/06,<br>A61K 39/39, C12N 9/02, A61P<br>37/02                                                                      |
| 40061646 | CN113677200 | A01N 1/02                                                                                                                            |
| 40061647 | EP3883391   | A23L 2/66, A23L 2/84, A23L<br>33/18, A23F 3/00                                                                                       |
| 40061648 | EP3898692   | C07K 16/28, C12N 5/00, C12N<br>9/22                                                                                                  |
| 40061649 | EP3886989   | A61P 35/00, A61P 35/17,<br>C07K 14/725, C07K 16/28,<br>C12B 5/0783, A61K 39/00                                                       |
| 40061650 | CN113474027 | A61M 5/315, A61M 5/20                                                                                                                |

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| 40061651 | CN114126684 | A61M 5/178, A61M 5/315,<br>A61M 5/32, A61M 5/34                                                                           |
| 40061652 | CN114144213 | A61M 5/178, A61M 5/32                                                                                                     |
| 40061653 | EP3969441   | C07D 237/14, C07D 237/20,<br>C07D 401/14, C07D 403/12,<br>A61K 31/501, A61P 3/10,<br>A61P 9/00, A61P 19/02, A61P<br>35/00 |
| 40061654 | CN113474062 | A63G 7/00, A63G 31/00, A63G<br>21/18                                                                                      |
| 40061655 | CN113840653 | B01J 20/26, B01J 20/30,<br>C08F 20/60, C08F 220/60                                                                        |
| 40061656 | CN113874106 | B01J 20/26, B01J 20/28,<br>B01J 20/30, B01D 53/02                                                                         |
| 40061657 | CN114127002 | B66B 7/02                                                                                                                 |
| 40061658 | EP3914260   | A61K 31/7125, C12N 15/10,<br>C12N 15/11                                                                                   |
| 40061659 | EP3886920   | A61K 51/04, A61P 35/00                                                                                                    |
| 40061660 | EP3893885   | A61K 31/568, A61K 47/14,<br>A61K 47/26, A61K 47/44,<br>A61K 9/00, A61P 5/26, C07J<br>1/00                                 |
| 40061661 | EP3966353   | C21B 11/10, C21B 13/00,<br>C21B 13/14                                                                                     |
| 40061662 | CN113924509 | G01S 15/04, G06F 3/041,<br>G06F 3/043                                                                                     |
| 40061663 | EP3886842   | A61K 31/407, A61P 31/18,<br>A61K 31/513, A61K 31/683,<br>A61K 39/395, A61K 45/06,<br>C07K 16/28                           |
| 40061664 | CN114026306 | E05D 7/06, E06B 9/06, E06B<br>9/36, E06B 11/02, E02B<br>7/20, A47G 25/40                                                  |
| 40061665 | CN113490823 | F25C 1/24, F25D 21/12, F25B<br>39/02                                                                                      |
| 40061666 | EP3950961   | C12Q 1/6886, A61K 31/47,<br>A61P 35/00                                                                                    |
| 40061667 | EP3886878   | A61K 35/17, A61P 35/00,<br>C12Q 1/68, G01N 33/574                                                                         |
| 40061668 | CN114206151 | A43B 1/10, A43D 8/02, A43D<br>8/00                                                                                        |
| 40061669 | EP3886903   | A61K 39/395, C07K 16/00,<br>C07K 16/18, C07K 16/46,<br>C07K 19/00, C12N 15/09                                             |
| 40061670 | CN113490668 | C07D 487/04, A61K 31/51,<br>A61P 9/00, A61P 11/00                                                                         |
| 40061671 | CN114127376 | E04B 2/88, E04B 2/90                                                                                                      |
| 40061672 | EP3895218   | H01L 27/30                                                                                                                |

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| 40061673 | EP3887538   | C12Q 1/68, C12Q 1/6806                                                                                                                                                            |
| 40061674 | EP3890752   | A61K 31/7115, G01N 33/50, A61P 25/28                                                                                                                                              |
| 40061675 | EP3902467   | A61B 5/103, A61B 5/00                                                                                                                                                             |
| 40061676 | EP3902457   | A61B 5/00                                                                                                                                                                         |
| 40061677 | EP3902804   | C07D 487/04, C07D 471/04, C07D 471/20, A61K 31/519, A61P 35/00                                                                                                                    |
| 40061678 | EP3902803   | C07D 487/04, C07D 471/04, C07D 471/20, A61P 35/00, A61K 31/5025                                                                                                                   |
| 40061679 | EP3911676   | C07K 16/24                                                                                                                                                                        |
| 40061680 | EP3914618   | C07K 16/24, A61K 39/395, A61P 17/06                                                                                                                                               |
| 40061681 | EP3908271   | A61K 31/16, A61P 17/00, A61P 39/06                                                                                                                                                |
| 40061682 | EP3952335   | H04R 3/02, H04B 3/20, H04M 1/60                                                                                                                                                   |
| 40061683 | CN113678507 | H04W 40/24                                                                                                                                                                        |
| 40061684 | CN114007643 | A61K 39/395, A61P 35/00, C12N 5/10, C12N 1/15, C12N 1/19, C12N 1/21, C12N 15/13, C12N 15/62, C12N 15/63, A61K 38/16, A61K 35/17                                                   |
| 40061685 | CN114206130 | A23L 3/00, A23L 2/46, C02F 1/00, C02F 1/02, C02F 1/44, C02F 5/08, C02F 1/76, C02F 1/66, C02F 103/32, C12H 1/08, A23L 3/02, C02F 1/50, C12H 1/00, A23L 3/04, C02F 9/00, A23C 3/027 |
| 40061686 | EP3893847   | A61K 9/107, A61K 9/00, A61K 47/69                                                                                                                                                 |
| 40061687 | EP3945822   | A01N 43/78, A01N 43/90, A01N 59/16, B60N 2/90, B64D 11/06, D06M 13/272, D06M 13/352, D06M 13/355                                                                                  |
| 40061688 | CN113905757 | A61K 39/00, A61P 35/00, A61P 35/02, C07K 19/00                                                                                                                                    |
| 40061689 | CN113825910 | F04B 39/06, B01D 53/06, B01D 53/26, F04C 29/00, F04C 29/04                                                                                                                        |
| 40061690 | EP3898668   | C07K 16/08, C07K 16/10, A61K 31/522, A61K 39/395, A61P 31/14, A61P 31/20                                                                                                          |
| 40061691 | EP3893934   | A61K 47/54, A61P 5/50, C07K 14/62, A61K 38/00                                                                                                                                     |

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| 40061692 | EP3897783   | A61M 5/24, A61M 5/28, A61M 5/315, A61M 5/31                                                               |
| 40061693 | EP3897782   | A61M 5/24, A61M 5/315                                                                                     |
| 40061694 | EP3897786   | A61M 5/315, G16H 80/00, G16H 40/60, G16H 20/17, A61M 5/142, A61M 5/172, H04B 7/24, G16H 40/63, G16H 40/67 |
| 40061695 | EP3897785   | A61M 5/31, A61M 5/315                                                                                     |
| 40061696 | EP3899007   | C12P 21/00, C12N 9/04, C12N 9/10, C12N 9/88                                                               |
| 40061697 | EP3976652   | C07K 16/28, A61P 35/00                                                                                    |
| 40061698 | EP3976346   | B29C 64/106, B29C 64/218, B29C 64/264, B29C 70/38, B33Y 10/00, B33Y 30/00                                 |
| 40061699 | CN113574054 | C07D 401/04, C07D 401/14, C07D 405/14, C07D 413/14, C07D 417/14, A61P 35/02, A61K 31/455                  |
| 40061700 | CN113498486 | G02B 27/01, G02B 27/28, F21V 8/00                                                                         |
| 40061701 | CN113853379 | C07F 9/564, A61K 31/664, A61P 35/00                                                                       |
| 40061702 | EP3898652   | C07K 5/10, C07K 5/11, C07K 5/117, A61P 9/10, A61K 38/00                                                   |
| 40061703 | EP3898653   | C07K 5/10, C07K 5/11, A61P 9/10, A61K 38/00                                                               |
| 40061704 | EP3893697   | A47C 19/04, A47C 21/04, A47D 7/03                                                                         |
| 40061705 | CN113950657 | G06F 3/01, A63F 13/285                                                                                    |
| 40061706 | EP3968121   | G05D 27/02                                                                                                |
| 40061707 | CN113498341 | A61K 31/4545, A61K 31/495, A61K 31/505, A61P 35/00, G01N 33/68, G01N 33/50                                |
| 40061708 | EP3897650   | A61K 31/517, A61K 39/395, A61P 35/00, C07D 239/94, C07K 16/28                                             |
| 40061709 | EP3938387   | C07K 14/725, C12N 9/12, A61P 35/00                                                                        |
| 40061710 | EP3908496   | B62B 7/10                                                                                                 |
| 40061711 | EP3946415   | A61K 38/17, A61P 11/06                                                                                    |
| 40061712 | EP3890765   | A61K 38/07, A61P 9/04, A61P 9/06, A61P 9/08, A61P 9/10, A61P 9/12, C07K 5/10                              |
| 40061713 | EP3976065   | A61K 35/12, A61K 35/44, C12N 15/09                                                                        |

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| 40061714 | CN113490782 | E04H 3/10, E02B 17/00, E04H 3/22, E04H 4/00                                                          |
| 40061715 | EP3891145   | C07D 413/12, C07D 413/14, A61K 31/513, A61K 31/551, A61P 35/00                                       |
| 40061716 | CN113939304 | A61K 35/768, C07K 14/08, A61P 35/00                                                                  |
| 40061717 | EP3911672   | C07K 14/755                                                                                          |
| 40061718 | CN113490535 | A63J 19/00                                                                                           |
| 40061719 | CN113614848 | G16H 50/20, C12Q 1/689                                                                               |
| 40061720 | CN113614250 | C12Q 1/689                                                                                           |
| 40061721 | CN113631724 | C12Q 1/689                                                                                           |
| 40061722 | CN114174285 | C07D 403/14, C07D 403/12, A61K 31/4184, A61P 35/00, A61P 29/00, A61P 31/00, A61P 37/00               |
| 40061723 | CN113490891 | G05B 19/042, G05B 15/02                                                                              |
| 40061724 | CN114206363 | A61K 36/28, A61K 8/9789, A61P 17/14, A61Q 7/00, A61K 131/00                                          |
| 40061725 | EP3894484   | C09D 1/00, C09D 5/14, C23C 18/12                                                                     |
| 40061726 | EP3977541   | H01M 4/04, H01M 4/13                                                                                 |
| 40061727 | EP3976805   | C12N 15/867, C07K 14/15, A61P 35/00                                                                  |
| 40061728 | EP3945800   | A01K 67/027, C12N 15/90, C07K 16/10                                                                  |
| 40061729 | CN114207339 | F16L 21/08, F16L 47/03, B29C 65/08, B29C 65/16, B29C 65/76, B29C 65/78                               |
| 40061730 | EP3961644   | G16H 40/20                                                                                           |
| 40061731 | EP3977544   | H01M 4/36, H01M 4/62                                                                                 |
| 40061732 | EP3977543   | H01M 4/133, C07F 7/18, C08L 79/08, H01M 4/134                                                        |
| 40061733 | EP3977553   | H01M 10/0525, H01M 4/04, H01M 4/139                                                                  |
| 40061734 | CN113498606 | H04N 19/119, H04N 19/167, H04N 19/17, H04N 19/597, G06T 9/00, H04N 19/70, H04N 21/2343, H04N 21/4402 |
| 40061735 | EP3968996   | A61K 31/513, A61K 31/03, A61K 31/505, C07C 25/02, C07C 25/24, C07D 247/02                            |
| 40061736 | EP3977545   | H01M 4/36, H01M 4/583, H01M 4/64, H01M 10/04                                                         |
| 40061737 | EP3976858   | C25B 1/00, H01M 10/0525, H01M 4/133                                                                  |

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| 40061738 | CN114206762 | B66B 5/00, B66B 1/40, B66B 9/00                                              |
| 40061739 | EP3890485   | A01N 25/30, A01N 33/24, A01N 53/00, A01N 25/00                               |
| 40061740 | EP3893933   | A61K 47/36, A61K 9/00, A61L 27/52, A61P 43/00                                |
| 40061741 | EP3891530   | G01S 17/02                                                                   |
| 40061742 | EP3897631   | A61K 31/438, A61K 31/439                                                     |
| 40061743 | EP3890778   | A61K 39/395, A61K 9/08, A61K 9/19, C07K 16/28                                |
| 40061744 | EP3891276   | C12N 9/22, C12N 15/10, C12N 15/11, B82Y 5/00, C12N 11/08                     |
| 40061745 | CN113710243 | A61K 31/22, C07C 69/675, A61P 25/00                                          |
| 40061746 | EP3891267   | A23L 1/30, C12N 9/88, C12N 1/20, C12N 15/09, C12N 1/38, C12P 7/22, C12N 9/16 |
| 40061747 | EP3917601   | A61M 15/00, B01L 3/00                                                        |
| 40061748 | CN114144362 | B65D 33/00, B29C 59/04, B29C 65/00, B29D 22/00, B31B 70/00, B31B 70/88       |
| 40061749 | CN114127199 | C08L 101/12, B29D 7/01, B65D 33/00                                           |
| 40061750 | CN114072148 | A61K 31/444, A61K 31/501, A61K 31/5375                                       |
| 40061751 | CN113518824 | C12N 15/86, C12N 7/01, C12N 15/35, C07K 14/015, A61P 1/16, C12N 15/63        |
| 40061752 | CN114207196 | C40B 40/08, C40B 40/02, C40B 50/06, C12N 15/864                              |
| 40061753 | EP3969622   | C12Q 1/6886                                                                  |
| 40061754 | EP3899955   | G16B 20/50, G16B 40/20                                                       |
| 40061755 | CN113498493 | G04D 7/00, G04C 1/06                                                         |
| 40061756 | EP3962577   | A61N 1/00, A61N 1/04, G16H 20/30, G16H 50/50                                 |
| 40061757 | EP3898685   | C07K 16/28, A61P 35/00, A61K 39/395                                          |
| 40061758 | EP3898450   | B65D 85/50, B65D 81/26, A23B 7/00                                            |
| 40061759 | CN113645891 | A61B 1/00, A61B 1/018, A61B 1/05, A61B 1/06                                  |
| 40061760 | CN113905614 | A23C 9/123, A23C 9/13, C12N 1/20                                             |
| 40061761 | EP3920805   | A61B 6/10, A61B 6/04                                                         |

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A61K 47/54, A61K 47/64,  
A61K 47/65, A61P 35/00,  
A61P 37/02



### 3. 按申請編號排列

#### Arranged by Application Number

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| [21]<br>申請編號    | [11]<br>發表編號    |
|-----------------|-----------------|
| Application No. | Publication No. |
| 42022047107.2   | 40061425        |
| 42022048452.1   | 40061426        |
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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. |
| ABBOTT<br>LABORATORIES                                     | A23C 9/152, A23L<br>33/12, A61P 1/00                                               | 40061516           | EP3892101                                            |
| AFRICAN RAINBOW<br>MINERALS LIMITED                        | C21B 11/10, C21B<br>13/00, C21B 13/14                                              | 40061661           | EP3966353                                            |
| AHLSTROM-MUNKSJÖ<br>OYJ                                    | B01D 39/16                                                                         | 40061550           | EP3946676                                            |
| AICURIS GMBH &<br>CO. KG                                   | C07D 417/12, A61K<br>31/4427, A61P 31/22                                           | 40061533           | EP3892620                                            |
| ANNAPURNA BIO,<br>INC. 安娜普爾納生物<br>股份有限公司                   | C07D 487/04, A61K<br>31/51, A61P 9/00, A61P<br>11/00                               | 40061670           | CN113490668                                          |
| APTON BIOSYSTEMS,<br>INC. 雅普頓生物系統<br>公司                    | C12Q 1/6869, C12Q<br>1/6806, G01N 33/487,<br>G01N 33/68, G02B<br>26/10, G06T 7/174 | 40061600           | CN113677806                                          |
| ARROWHEAD<br>PHARMACEUTICALS,<br>INC.                      | C12N 15/113, A61K<br>31/713, A61P 35/00,<br>A61P 1/16, A61P 31/20,<br>A61P 29/00   | 40061440           | CN113430196                                          |
| ASCENTAWITS<br>PHARMACEUTICALS,<br>LTD. 深圳艾欣達偉醫<br>藥科技有限公司 | C07F 9/564, A61K<br>31/664, A61P 35/00                                             | 40061701           | CN113853379                                          |
| ASUSTeK COMPUTER<br>INC. 華碩電腦股份有<br>限公司                    | H04W 72/12                                                                         | 40061459           | CN113473633                                          |
| ATLAS COPCO<br>AIRPOWER,<br>NAAMLOZE<br>VENNOOTSCHAP 阿特    | F04B 39/06, B01D<br>53/06, B01D 53/26,<br>F04C 29/00, F04C 29/04                   | 40061689           | CN113825910                                          |

拉斯·科普柯空气动力  
股份有限公司

|                                                      |                                                                                                    |          |             |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------|-------------|
| AUBEX CORPORATION<br>奧貝庫斯株式會社                        | A61M 5/142, A61M<br>5/152, A61B 17/42                                                              | 40061587 | CN113825534 |
| Acerus Biopharma<br>Inc.                             | A61K 31/568, A61K<br>47/14, A61K 47/26,<br>A61K 47/44, A61K 9/00,<br>A61P 5/26, C07J 1/00          | 40061660 | EP3893885   |
| Adama Agan Ltd.                                      | A01N 43/90, A01N<br>43/56, A01N 25/02,<br>A01N 25/22, A01P 13/02                                   | 40061558 | EP3876736   |
| Agensys, Inc. 艾更<br>斯司股份有限公司<br>Seagen Inc. 西進公<br>司 | A61K 39/395, A61K<br>9/08, A61K 9/19, C07K<br>16/28                                                | 40061743 | EP3890778   |
| Aleta<br>Biotherapeutics<br>Inc.                     | A61K 39/395, C07K<br>16/00, C07K 16/18,<br>C07K 16/46, C07K<br>19/00, C12N 15/09                   | 40061669 | EP3886903   |
| Allogene<br>Therapeutics,<br>Inc.                    | A61P 35/00, A61P<br>35/17, C07K 14/725,<br>C07K 16/28, C12B<br>5/0783, A61K 39/00                  | 40061649 | EP3886989   |
| Amgen Inc.                                           | B01L 9/06, G01N 35/00,<br>B03C 1/02, B03C 1/033,<br>B03C 1/28, G01N 1/34,<br>G01N 35/10, B03C 1/30 | 40061492 | EP3900832   |
| Ampel<br>Biosolutions, LLC                           | G06K 9/62, G16H 50/20,<br>G16H 50/30, G16H 50/70                                                   | 40061570 | EP3881233   |
| Angiocrine<br>Bioscience, Inc.                       | A61K 35/12, A61K<br>35/44, C12N 15/09                                                              | 40061713 | EP3976065   |
| Apple Inc.                                           | H04W 76/23, H04W<br>72/02, H04B 17/318,<br>H04L 27/00, H04W<br>28/02, H04W 72/08                   | 40061508 | EP3962229   |
| Apple Inc.                                           | H04L 5/00, H04W 16/14,<br>H04W 72/04, H04W<br>72/12, H04W 74/08,<br>H04L 27/26                     | 40061509 | EP3961968   |
| Apple Inc.                                           | H04L 1/00, H04B 7/06,<br>H04L 1/06, H04W 52/02                                                     | 40061510 | EP3905564   |
| Apple Inc.                                           | H04L 29/06, H04W 4/00,<br>H04W 84/18                                                               | 40061511 | EP3920507   |
| Astrazeneca AB                                       | A61K 38/17, A61P 11/06                                                                             | 40061711 | EP3946415   |
| AxoGen<br>Corporation                                | A61L 27/36                                                                                         | 40061626 | EP3880262   |
| BAYLOR COLLEGE OF<br>MEDICINE                        | A61K 39/00, G01N<br>33/68, A61K 31/00,<br>A61K 41/00                                               | 40061603 | EP3946438   |

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| BEN YACOV,<br>Michael Shlomo 迈<br>克尔·什洛莫·本雅科夫                                                                                                                                              | G02B 27/01, G02B<br>27/28, F21V 8/00                                                                                                                                                                                                                                                                                                          | 40061700 | CN113498486 |
| BIONTECH RESEARCH<br>AND DEVELOPMENT,<br>INC.                                                                                                                                              | A61K 39/395, C07K<br>16/30, A61K 45/06,<br>G01N 33/574, A61K<br>39/00                                                                                                                                                                                                                                                                         | 40061426 | EP3868405   |
| BIONTECH SE 生物技<br>术公司<br>TRON -<br>TRANSLATIONALE<br>ONKOLOGIE AN DER<br>UNIVERSITAETSMEDI<br>ZIN DER JOHANNES<br>GUTENBERG-<br>UNIVERSITAET<br>MAINZ GMBH 约翰·<br>古腾堡大学美因兹医学<br>大学转化肿瘤学公司 | G01N 33/68                                                                                                                                                                                                                                                                                                                                    | 40061504 | CN113484523 |
| BIONTECH SE 生物技<br>术欧洲股份公司                                                                                                                                                                 | A61K 39/215, A61K<br>9/51, A61P 31/14, B82Y<br>5/00                                                                                                                                                                                                                                                                                           | 40061483 | CN113521268 |
| BIONTECH SE 生物技<br>术欧洲股份公司                                                                                                                                                                 | A61K 39/215, A61K<br>48/00, A61K 31/7105,<br>A61K 9/51, A61K 47/18,<br>A61K 47/28, A61K<br>47/24, A61K 47/10,<br>A61P 31/14, C12N<br>15/50, C07K 14/165                                                                                                                                                                                       | 40061489 | CN113521269 |
| BIOSTAGE, INC. 博<br>奥司时代有限公司                                                                                                                                                               | A61L 27/16, A61L<br>27/18, A61L 27/38,<br>A61L 27/56                                                                                                                                                                                                                                                                                          | 40061547 | CN113329774 |
| BOARD OF REGENTS,<br>THE UNIVERSITY OF<br>TEXAS SYSTEM 得克<br>萨斯大学体系董事會                                                                                                                     | A61K 31/517, A61K<br>39/395, A61P 35/00,<br>C07D 239/94, C07K<br>16/28                                                                                                                                                                                                                                                                        | 40061708 | EP3897650   |
| Baxalta<br>Incorporated<br>Baxalta GmbH                                                                                                                                                    | C07K 14/755                                                                                                                                                                                                                                                                                                                                   | 40061717 | EP3911672   |
| BeBetter Med Inc.<br>广州必贝特医药股份有<br>限公司                                                                                                                                                     | C07D 471/04, C07D<br>405/14, C07D 409/14,<br>C07D 417/14, C07D<br>471/08, C07D 487/08,<br>C07D 413/14, A61K<br>31/4545, A61K 31/444,<br>A61K 31/4439, A61K<br>31/496, A61K 31/454,<br>A61P 3/10, A61P 27/02,<br>A61P 9/00, A61P 25/00,<br>A61P 5/50, A61P 13/12,<br>A61P 9/12, A61P 19/10,<br>A61P 19/06, A61P 3/04,<br>A61P 3/00, A61P 3/06, | 40061515 | CN113480534 |

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| Beijing Sensetime Technology Development Co., Ltd. 北京市商汤科技开发有限公司             | G06K 9/00, G06K 9/46,<br>G06K 9/38, G06N 3/04,<br>G06N 3/08                                                                                                                                                                                             | 40061477 | CN113850245 |
| Beijing Sensetime Technology Development Co., Ltd. 北京市商汤科技开发有限公司             | G06T 17/00, G06T 7/73                                                                                                                                                                                                                                   | 40061480 | CN113724378 |
| Beijing Sensetime Technology Development Co., Ltd. 北京市商汤科技开发有限公司             | G06T 15/00, G06T 13/40                                                                                                                                                                                                                                  | 40061481 | CN113936086 |
| Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd. 北京悅康科創醫藥科技股份有限公司 | C07C 229/16, A61P 35/00, A61P 37/06,<br>A61P 3/10, A61P 25/28,<br>A61P 9/00, A61P 13/12,<br>A61P 3/00, A61P 31/14,<br>A61P 31/16, A61P 31/18, A61P 11/00,<br>A61P 31/22, A61K 31/713, A61K 31/7105,<br>A61K 9/51, A61K 39/00,<br>A61K 45/00, A61K 47/18 | 40061529 | CN114044741 |
| Berkeley Lights, Inc. 伯克利之光生命科技公司                                            | C12M 1/00, C12M 1/36,<br>C12M 3/00                                                                                                                                                                                                                      | 40061512 | CN114085730 |
| BioKey BVBA                                                                  | G16B 50/00, G16B 30/10, G16B 40/00                                                                                                                                                                                                                      | 40061633 | EP3881326   |
| BioNTech SE                                                                  | C12N 15/11, A61K 39/215, A61K 45/06,<br>C12N 15/00, C12N 15/10, C07H 21/00,<br>C07H 21/02                                                                                                                                                               | 40061535 | EP3901261   |
| BioNTech SE                                                                  | C12N 15/11, A61K 39/215, A61K 45/06,<br>C12N 15/00, C12N 15/10, C07H 21/00,<br>C07H 21/02                                                                                                                                                               | 40061540 | EP3901260   |
| Bioclue BV 生物线索公司                                                            | G16B 30/20                                                                                                                                                                                                                                              | 40061636 | EP3921834   |
| Biogen MA Inc.                                                               | A61K 31/7115, G01N 33/50, A61P 25/28                                                                                                                                                                                                                    | 40061674 | EP3890752   |
| Biostrand BV                                                                 | G16B 30/20                                                                                                                                                                                                                                              | 40061635 | EP3921835   |
| Bioverativ Therapeutics Inc.                                                 | C07K 14/755                                                                                                                                                                                                                                             | 40061500 | EP3889173   |

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| Boehringer<br>Ingelheim<br>Vetmedica (China)<br>Co., Ltd. 勃林格殷<br>格翰动物保健(中国)有<br>限公司     | C12N 5/10, C12N 15/45,<br>C07K 14/18, A61K<br>39/187, A61P 31/14                               | 40061541 | CN113677792 |
| Bolt Threads,<br>Inc.                                                                    | A61K 47/30, A61K<br>47/32, A61K 47/00,<br>C12P 21/06, C12N 1/20,<br>C12P 1/00                  | 40061517 | EP3973992   |
| C4 Therapeutics,<br>Inc.                                                                 | A61K 31/438, A61K<br>31/439                                                                    | 40061742 | EP3897631   |
| CAPITAL ONE<br>SERVICES, LLC 第一<br>资本服务有限责任公司                                            | G06F 21/44, G06F 21/34                                                                         | 40061631 | CN113711211 |
| CAPITAL ONE<br>SERVICES, LLC 第一<br>资本服务有限责任公司                                            | G06Q 20/34, G07F 19/00                                                                         | 40061585 | CN113519006 |
| CAPITAL ONE<br>SERVICES, LLC 第一<br>资本服务有限责任公司                                            | G06K 19/077, G06F<br>21/60, G06F 21/64                                                         | 40061616 | CN113490952 |
| CAPITAL ONE<br>SERVICES, LLC 第一<br>资本服务有限责任公司                                            | H04B 5/00, G06K 7/10,<br>H02J 50/40, H02J 50/80                                                | 40061617 | CN113498582 |
| CAPITAL ONE<br>SERVICES, LLC 第一<br>资本服务有限责任公司                                            | G06Q 20/34, G06Q<br>20/40, G07F 7/08                                                           | 40061618 | CN113632125 |
| CAPITAL ONE<br>SERVICES, LLC 第一<br>资本服务有限责任公司                                            | G06K 7/10                                                                                      | 40061632 | CN113767391 |
| CHASM ADVANCED<br>MATERIALS, INC.                                                        | C08K 3/04, B32B 15/02,<br>B32B 15/04                                                           | 40061560 | EP3880746   |
| CHEMOCENTRYX,<br>INC.                                                                    | A61K 31/513, A61K<br>31/03, A61K 31/505,<br>C07C 25/02, C07C<br>25/24, C07D 247/02             | 40061735 | EP3968996   |
| CHUGAI SEIYAKU<br>KABUSHIKI KAISHA                                                       | C07D 401/04                                                                                    | 40061454 | CN113416179 |
| CHUGAI SEIYAKU<br>KABUSHIKI KAISHA<br>中外製藥株式會社<br>YAMAGUCHI<br>UNIVERSITY 國立大<br>學法人山口大學 | A61K 39/00, A61P<br>35/00, A61P 35/02,<br>C07K 19/00                                           | 40061688 | CN113905757 |
| CHUGAI SEIYAKU<br>KABUSHIKI KAISHA<br>中外製藥株式會社<br>YAMAGUCHI                              | A61K 39/395, A61P<br>35/00, C12N 5/10, C12N<br>1/15, C12N 1/19, C12N<br>1/21, C12N 15/13, C12N | 40061684 | CN114007643 |

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| UNIVERSITY 國立大學法人山口大學                                                                                                                                      | 15/62, C12N 15/63,<br>A61K 38/16, A61K 35/17                                                                                                |          |             |
| COHERENT<br>BIOPHARMA<br>(SUZHOU), LIMITED<br>同宜醫藥(蘇州)有限公司                                                                                                 | A61K 47/54, A61K<br>47/64, A61K 47/65,<br>A61P 35/00, A61P 37/02                                                                            | 40061762 | EP3903825   |
| COMADUR S.A.                                                                                                                                               | B28B 1/24, C09D<br>159/02, C09D 177/00,<br>C09D 175/04, C09D<br>181/02, C09D 155/02,<br>C09D 169/00                                         | 40061447 | CN113799233 |
| COOPERSURGICAL,<br>INC. 酷博尔外科器械<br>有限公司                                                                                                                    | A61B 1/00, A61B 1/018,<br>A61B 1/05, A61B 1/06                                                                                              | 40061759 | CN113645891 |
| CROWN MAB BIOTECH<br>INC. 浙江冠科美博生<br>物科技有限公司                                                                                                               | A61K 31/4545, A61K<br>31/495, A61K 31/505,<br>A61P 35/00, G01N<br>33/68, G01N 33/50                                                         | 40061707 | CN113498341 |
| CRYSTAL LAGOONS<br>TECHNOLOGIES,<br>INC. 水晶瀉湖科技股<br>份有限公司                                                                                                  | E04H 3/10, E02B 17/00,<br>E04H 3/22, E04H 4/00                                                                                              | 40061714 | CN113490782 |
| CYGAMES, INC. CY<br>遊戲公司                                                                                                                                   | A63F 13/2145, A63F<br>13/44, A63F 13/5375,<br>A63F 13/814                                                                                   | 40061588 | CN114072211 |
| CYGAMES, INC. CY<br>遊戲公司                                                                                                                                   | G06Q 50/10, G06F<br>3/04842, G06F 13/00                                                                                                     | 40061596 | CN114096983 |
| California<br>Institute of<br>Technology                                                                                                                   | B01J 23/14, B01J<br>23/18, B01J 23/62,<br>B01J 23/644, H01M 4/90                                                                            | 40061551 | EP3897974   |
| China Mobile<br>Communication<br>Co., Ltd Research<br>Institute 中国移动<br>通信有限公司研究院<br>CHINA MOBILE<br>COMMUNICATIONS<br>GROUP CO., LTD.<br>中国移动通信集团有限<br>公司 | H04W 24/10                                                                                                                                  | 40061638 | EP3955628   |
| Citizen Watch<br>Co., Ltd.                                                                                                                                 | G04B 39/00, G04D 3/00                                                                                                                       | 40061466 | CN113687587 |
| ColdSnap, Corp.                                                                                                                                            | A23G 9/08, A23G 9/10,<br>A23G 9/12, A23G 9/22,<br>A23G 9/28, A23G 9/52,<br>B65D 17/30, B65D<br>17/28, B65D 47/26,<br>B65D 85/80, B65D 85/78 | 40061472 | EP3915390   |

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| ColdSnap, Corp.                                                           | A23G 9/12, A23G 9/22,<br>A23G 9/28, A23G 9/52,<br>B65D 85/804                                                                                                                                                                           | 40061502 | EP3967149   |
| ColdSnap, Corp.                                                           | A23G 9/12, A23G 9/22,<br>A23G 9/28, A23G 9/52,<br>B65D 85/804                                                                                                                                                                           | 40061505 | EP3967150   |
| Constellation<br>Pharmaceuticals,<br>Inc.                                 | C07D 413/12, C07D<br>413/14, A61K 31/513,<br>A61K 31/551, A61P<br>35/00                                                                                                                                                                 | 40061715 | EP3891145   |
| Continuous<br>Composites Inc.                                             | B29C 64/106, B29C<br>64/218, B29C 64/264,<br>B29C 70/38, B33Y<br>10/00, B33Y 30/00                                                                                                                                                      | 40061698 | EP3976346   |
| Crane Co.                                                                 | H02J 9/06, H02M 7/04,<br>B64D 11/06                                                                                                                                                                                                     | 40061637 | EP3959794   |
| Crescendo<br>Biologics Limited                                            | C07K 16/18, C07K<br>16/28, C07K 16/30                                                                                                                                                                                                   | 40061640 | EP3969473   |
| Cyclerion<br>Therapeutics,<br>Inc.                                        | C07D 487/04, C07D<br>471/04, A61K 31/4985,<br>A61P 25/28                                                                                                                                                                                | 40061428 | EP3872080   |
| DEXERIALS<br>CORPORATION                                                  | H05K 3/32, H05K 1/02,<br>C09J 9/02                                                                                                                                                                                                      | 40061437 | CN113382556 |
| DNAE DIAGNOSTICS<br>LIMITED                                               | A61M 15/00, B01L 3/00                                                                                                                                                                                                                   | 40061747 | EP3917601   |
| DOLBY<br>INTERNATIONAL AB                                                 | G10L 19/093, G06F<br>30/327                                                                                                                                                                                                             | 40061538 | EP3893240   |
| DS Biopharma<br>Limited                                                   | A61K 9/00, A61K<br>31/557, A61P 1/00,<br>A61P 1/16, A61P 15/00,<br>A61P 17/00, A61P<br>19/04, A61P 25/28,<br>A61P 27/02, A61P<br>27/06, A61P 27/12,<br>A61P 29/00, A61P<br>35/00, A61P 35/02,<br>A61P 37/06, A61P<br>43/00, A61K 31/202 | 40061549 | EP3866759   |
| Debiopharm<br>International SA                                            | A61K 31/407, A61P<br>31/18, A61K 31/513,<br>A61K 31/683, A61K<br>39/395, A61K 45/06,<br>C07K 16/28                                                                                                                                      | 40061663 | EP3886842   |
| Dexerials<br>Corporation 迪睿合<br>株式会社                                      | B32B 27/36, B32B 3/08,<br>B32B 3/30, B32B 7/12,<br>B32B 27/06, B29C 59/04                                                                                                                                                               | 40061475 | CN114083860 |
| EDITFORCE, INC.<br>日商基因编辑力股份有<br>限公司<br>KYUSHU<br>UNIVERSITY,<br>NATIONAL | C07K 14/46, C12N<br>15/12, C12N 15/63,<br>C07K 19/00, C12N 1/21,<br>C12N 1/15, C12N 5/10,<br>C12N 1/19                                                                                                                                  | 40061571 | CN113966340 |



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| ELI LILLY AND<br>COMPANY                                                                              | C07K 16/28, A61P 35/00                                                                                                                                                                                                        | 40061697 | EP3976652   |
| ELLIPTIC<br>LABORATORIES AS<br>艾力普提实验室公司                                                              | G01S 15/04, G06F<br>3/041, G06F 3/043                                                                                                                                                                                         | 40061662 | CN113924509 |
| EPIMAB<br>BIOTHERAPEUTICS<br>(SUZHOU) CO.,<br>LTD.<br>SHANGHAI EPIMAB<br>BIOTHERAPEUTICS<br>CO., LTD. | C07K 16/28, C07K<br>16/46, C12N 15/13,<br>A61K 39/395, A61P<br>35/00, A61P 35/02,<br>G01N 33/68, G01N<br>33/577                                                                                                               | 40061499 | CN114085288 |
| EQUIP LINE<br>LIMITED                                                                                 | A47J 36/24, A47J<br>27/00, A47J 27/14,<br>H05B 1/02                                                                                                                                                                           | 40061467 | GB2593468   |
| ETA SA<br>MANUFACTURE<br>HORLOGÈRE SUISSE                                                             | G04D 7/00, G04C 1/06                                                                                                                                                                                                          | 40061755 | CN113498493 |
| Elkamet<br>Kunststofftechnik<br>GmbH                                                                  | C08L 79/02, C08L<br>79/08, B29C 64/118,<br>B33Y 10/00                                                                                                                                                                         | 40061564 | EP3877465   |
| Embry (China)<br>Garments Ltd. 安莉<br>芳(中國)服裝有限公司                                                      | A41C 3/12, A41C 3/00                                                                                                                                                                                                          | 40061507 | CN114073343 |
| Enevate<br>Corporation                                                                                | H01M 4/04, H01M 4/13                                                                                                                                                                                                          | 40061726 | EP3977541   |
| Enevate<br>Corporation                                                                                | H01M 4/36, H01M 4/62                                                                                                                                                                                                          | 40061731 | EP3977544   |
| Enevate<br>Corporation                                                                                | H01M 4/133, C07F 7/18,<br>C08L 79/08, H01M 4/134                                                                                                                                                                              | 40061732 | EP3977543   |
| Enevate<br>Corporation                                                                                | H01M 10/0525, H01M<br>4/04, H01M 4/139                                                                                                                                                                                        | 40061733 | EP3977553   |
| Enevate<br>Corporation                                                                                | H01M 4/36, H01M 4/583,<br>H01M 4/64, H01M 10/04                                                                                                                                                                               | 40061736 | EP3977545   |
| Enevate<br>Corporation                                                                                | C25B 1/00, H01M<br>10/0525, H01M 4/133                                                                                                                                                                                        | 40061737 | EP3976858   |
| Enlivex<br>Therapeutics Ltd.                                                                          | A61K 35/17, A61K 9/00,<br>A61P 31/00                                                                                                                                                                                          | 40061553 | EP3883584   |
| Epizyme Inc                                                                                           | A61K 31/5377, A61K<br>31/4412, A61P 35/00,<br>A61P 35/02, A61K<br>45/06, A61K 31/537,<br>A61K 31/436, A61K<br>31/404, A61K 31/4375,<br>A61K 31/496, A61K<br>31/4965, A61K 31/519,<br>A61K 31/52, A61K<br>31/573, A61K 31/635, | 40061501 | EP3888659   |

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| Evonik Corporation                                                                 | A61K 9/51, B01F 11/02, B01J 19/10, C08J 3/16                                                                             | 40061641 | EP3962464   |
| Evonik Operations GmbH                                                             | C12P 7/42, C12P 7/64, C12P 7/04                                                                                          | 40061543 | EP3884061   |
| Exact Sciences Corporation                                                         | A61K 35/17, A61P 35/00, C12Q 1/68, G01N 33/574                                                                           | 40061667 | EP3886878   |
| Mayo Foundation for Medical Education and Research                                 |                                                                                                                          |          |             |
| F. HOFFMANN-LA ROCHE AG                                                            | G01N 21/59, G01N 33/543, G01N 33/569, C07K 19/00, C07K 16/46, C07K 1/22                                                  | 40061630 | CN113646622 |
| F. HOFFMANN-LA ROCHE AG 豪夫迈·罗氏有限公司                                                 | C12N 15/85, C12N 15/90, C12N 15/13, C40B 40/02                                                                           | 40061622 | CN114080454 |
| F. Hoffmann-La Roche AG 豪夫邁·羅氏有限公司                                                 | A61K 31/519, A61K 31/5517, A61K 9/08, A61K 47/26, A61K 47/12, A61K 47/22, A61K 47/18, A61K 47/10, A61K 47/46, A61P 21/00 | 40061643 | CN113966219 |
| FERRARA, Arturo 阿圖羅·費拉拉                                                            | A63J 19/00                                                                                                               | 40061718 | CN113490535 |
| FLAGSHIP PIONEERING INNOVATIONS VI, LLC                                            | A61K 9/00, A61K 47/10, A61K 31/7088, A61P 17/02                                                                          | 40061580 | EP3930683   |
| Fanca Technologies Pty Ltd                                                         | B01D 46/00, F24F 3/16                                                                                                    | 40061611 | EP3880336   |
| Farco-Pharma GmbH                                                                  | A61K 31/137, A61K 31/216, A61K 31/222, A61K 31/4025, A61K 31/445, A61K 31/46, A61K 31/4725, A61M 5/178, A61P 13/10       | 40061485 | EP3909570   |
| Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V. 弗勞恩霍夫應用研究促進協會 | H04W 40/24                                                                                                               | 40061683 | CN113678507 |
| DIEHL METERING GMBH 代傲表計有限公司                                                       |                                                                                                                          |          |             |

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| Fred Hutchinson<br>Cancer Research<br>Center                                                                         | C12N 9/22, C12N 15/10,<br>C12N 15/11, B82Y 5/00,<br>C12N 11/08                                                                                                                                                                                                                                                       | 40061744 | EP3891276   |
| Fu, David                                                                                                            | A43B 7/36                                                                                                                                                                                                                                                                                                            | 40061425 | EP3914120   |
| GD MIDEA<br>ENVIRONMENT<br>APPLIANCES MFG<br>CO., LTD. 广东美的<br>环境电器制造有限公司<br>MIDEA GROUP CO.,<br>LTD. 美的集团股份有<br>限公司 | F04D 25/08, F04D<br>29/056, F04D 29/62,<br>F04D 29/00                                                                                                                                                                                                                                                                | 40061537 | CN113494466 |
| GEORGE-ADRIAN<br>ANTON 乔治-阿德里<br>安·安东                                                                                | E05D 7/06, E06B 9/06,<br>E06B 9/36, E06B 11/02,<br>E02B 7/20, A47G 25/40                                                                                                                                                                                                                                             | 40061664 | CN114026306 |
| GILEAD SCIENCES,<br>INC.                                                                                             | C07D 471/04, C07D<br>519/00, A61K 31/437,<br>A61P 29/00                                                                                                                                                                                                                                                              | 40061552 | EP3873900   |
| GILEAD SCIENCES,<br>INC.                                                                                             | A61P 31/18, A61P<br>31/20, A61P 35/00,<br>C07D 471/04, C07D<br>519/00, A61K 31/444,<br>A61K 31/4545                                                                                                                                                                                                                  | 40061567 | EP3873608   |
| GILEAD SCIENCES,<br>INC.                                                                                             | C07D 471/04, C07D<br>519/00, A61K 31/437,<br>A61P 35/00                                                                                                                                                                                                                                                              | 40061574 | EP3873903   |
| GILEAD SCIENCES,<br>INC. 吉利德科學公司                                                                                     | C07D 471/04, A61K<br>31/519, A61P 31/20                                                                                                                                                                                                                                                                              | 40061578 | CN113767098 |
| GUANGZHOU<br>VIROTECH<br>PHARMACEUTICAL<br>CO., LTD. 廣州威溶<br>特醫藥科技有限公司                                               | A61K 35/768, C07K<br>14/08, A61P 35/00                                                                                                                                                                                                                                                                               | 40061716 | CN113939304 |
| GUIZHOU<br>BAISHAN CLOUD<br>TECHNOLOGY CO.,<br>LTD. 贵州白山云科技<br>股份有限公司                                                | H04L 29/12                                                                                                                                                                                                                                                                                                           | 40061434 | CN113382093 |
| Gilead Sciences,<br>Inc.                                                                                             | C07D 403/12, C07D<br>405/14, C07D 401/12,<br>C07D 471/08, C07D<br>487/08, C07D 487/10,<br>C07D 491/04, C07C<br>275/16, C07C 243/28,<br>A61K 31/495, A61K<br>31/504, A61K 31/506,<br>A61K 31/5365, A61K<br>31/4155, A61K 31/337,<br>A61K 31/15, A61K<br>31/27, A61P 31/18,<br>A61K 31/52, A61K<br>31/55, A61K 31/553, | 40061494 | EP3909949   |

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|                                                                   | A61K 31/685, A61K 31/688                                                                                                                                                                                                                                                      |          |             |
| Grail, LLC                                                        | C12Q 1/6886                                                                                                                                                                                                                                                                   | 40061753 | EP3969622   |
| Grail, LLC                                                        | G16B 20/50, G16B 40/20                                                                                                                                                                                                                                                        | 40061754 | EP3899955   |
| Greenlight Biosciences, Inc.                                      | C12N 15/82                                                                                                                                                                                                                                                                    | 40061609 | EP3877530   |
| H. Lundbeck A/S<br>H·隆德贝克有限公司                                     | A61K 31/496, A61P 25/08, A61P 25/28, A61P 25/00, A61P 1/00, A61P 27/02, A61P 25/02, A61P 25/06, A61P 25/04, A61P 29/00                                                                                                                                                        | 40061449 | CN113413387 |
| HENAN MEDINNO PHARMACEUTICAL TECHNOLOGY CO., LTD. 河南迈英诺医药科技有限公司   | C07D 487/04, C07C 57/145, C07C 309/04, C07C 309/24, C07C 59/265, C07C 59/255, C07C 59/285, A61K 31/4188, A61P 25/28, A61P 37/00, A61P 19/02, A61P 35/00, A61P 3/10, A61P 27/02, A61P 1/00, A61P 17/00, A61P 17/04, A61P 11/06, A61P 11/00, A61P 37/06, A61P 31/16, A61P 31/14 | 40061484 | CN114075199 |
| HIRSCHMANN AUTOMOTIVE GMBH<br>赫斯曼汽车有限公司                           | H01R 13/639, H01R 13/631                                                                                                                                                                                                                                                      | 40061644 | CN114207955 |
| HISTOSONICS, INC.                                                 | A61B 17/22, A61B 8/00, A61B 17/225, A61B 90/00, A61N 7/00                                                                                                                                                                                                                     | 40061579 | EP3886737   |
| HUYA BIOSCIENCE INTERNATIONAL, LLC 沪亚生物国际有限责任公司                   | A61K 31/4025, A61P 9/06                                                                                                                                                                                                                                                       | 40061591 | CN113453677 |
| HYDRA CORONA SISTEMAS DE AQUECIMENTO DE AGUA LTDA. 海德拉科罗纳热水系统有限公司 | H05B 3/12                                                                                                                                                                                                                                                                     | 40061430 | CN113395795 |
| UNIVERSIDADE FEDERAL DE SANTA CATARINA - UFSC<br>圣卡塔琳娜州联邦大学       |                                                                                                                                                                                                                                                                               |          |             |
| Halo Science LLC                                                  | A61K 9/107, A61K 9/00, A61K 47/69                                                                                                                                                                                                                                             | 40061686 | EP3893847   |
| Hangzhou Dac Biotech Co., Ltd                                     | C07F 9/6558, C07F 9/572, C07D 207/46                                                                                                                                                                                                                                          | 40061486 | EP3912982   |

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| Hangzhou Dac Biotech Co., Ltd.                                    | A61K 47/68, A61P 35/00                                                   | 40061487 | EP3888691   |
| Hermon Industries Limited 源兴盛实业有限公司                               | C23C 24/04, B64C 1/00, B33Y 10/00, B33Y 80/00, B33Y 50/02                | 40061525 | CN114182246 |
| Hua Medicine (Shanghai) Ltd. 華領醫藥技術(上海)有限公司                       | C07C 67/30, C07C 69/736, C07C 303/26, C07C 309/73, C07C 309/66           | 40061528 | CN114085146 |
| Humabs Biomed SA                                                  | C07K 16/08, C07K 16/10, A61K 31/522, A61K 39/395, A61P 31/14, A61P 31/20 | 40061690 | EP3898668   |
| Huya Bioscience International LLC                                 | A61K 31/4025, A61P 9/06                                                  | 40061604 | EP3893870   |
| I.R.A. CORPORATION 日商IRA股份有限公司                                    | A43B 1/10, A43D 8/02, A43D 8/00                                          | 40061668 | CN114206151 |
| ILLUMINA, INC.                                                    | C12Q 1/6869, C12Q 1/6886                                                 | 40061573 | EP3874066   |
| ILLUMINA, INC. 伊鲁米納公司<br>ILLUMINA SINGAPORE PTE. LTD. 伊鲁米納新加坡有限公司 | C12Q 1/6874                                                              | 40061601 | CN113383088 |
| IMMATICS US, INC. 伊玛提克斯美国公司                                       | C12N 15/867, C07K 14/15, A61P 35/00                                      | 40061727 | EP3976805   |
| INTELLIGENT CITY INC. 智能城市有限公司                                    | E04B 2/88, E04B 2/90                                                     | 40061671 | CN114127376 |
| INVENTIO AG 因温特奧股份公司                                              | B66B 5/00, B66B 1/40, B66B 9/00                                          | 40061738 | CN114206762 |
| ITM Isotopen Technologien München AG<br>PAUL SCHERRER INSTITUT    | A61K 51/04, A61P 35/00                                                   | 40061659 | EP3886920   |
| Imcyse SA                                                         | A61K 39/00, A61P 37/06, A61K 39/39, C12N 9/02, A61P 37/02                | 40061645 | EP3969039   |
| Immunomedics Inc.                                                 | A61K 47/68, A61P 35/00                                                   | 40061495 | EP3912643   |
| Imperative Care, Inc. 因普瑞缇夫护理公司                                   | A61B 5/00, A61B 5/024, A61B 5/11, A61B 6/00, A61B 6/03                   | 40061572 | CN113347916 |
| Incountry, Inc.                                                   | G06F 16/21, G06F 9/451, G06F 21/60, H04L 9/06, G06Q 50/26                | 40061614 | EP3959622   |

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| Increasepharm<br>(Tianjin)<br>Institute Co.,Ltd<br>盈科瑞(天津)創新醫藥<br>研究有限公司        | A61K 36/8888                                                                                         | 40061539 | CN113491737 |
| Insight and<br>Inreach (ISNIR)<br>Pty Ltd                                       | A47C 19/04, A47C<br>21/04, A47D 7/03                                                                 | 40061704 | EP3893697   |
| Institute of<br>Microbiology,<br>Chinese Academy<br>of Sciences 中國科<br>學院微生物研究所 | C07K 16/40, C07K<br>16/28, C12N 15/13,<br>A61K 39/395, A61P<br>31/14                                 | 40061514 | CN113698487 |
| JANSSEN BIOTECH,<br>INC.                                                        | C07D 401/04, C07D<br>401/14, C07D 405/14,<br>C07D 413/14, C07D<br>417/14, A61P 35/02,<br>A61K 31/455 | 40061699 | CN113574054 |
| Janssen Biotech,<br>Inc.                                                        | C07K 16/24                                                                                           | 40061679 | EP3911676   |
| Janssen Biotech,<br>Inc.                                                        | C07K 16/24, A61K<br>39/395, A61P 17/06                                                               | 40061680 | EP3914618   |
| Johnson & Johnson<br>Consumer Inc.                                              | A61B 5/103, A61B 5/00                                                                                | 40061675 | EP3902467   |
| Johnson & Johnson<br>Consumer Inc.                                              | A61B 5/00                                                                                            | 40061676 | EP3902457   |
| KABUSHIKI KAISHA<br>YAKULT HONSHA 株式<br>会社益力多本社                                 | A23C 9/123, A23C 9/13,<br>C12N 1/20                                                                  | 40061760 | CN113905614 |
| KINNATE BIOPHARMA<br>INC. 金耐特生物制药<br>公司                                         | A61K 31/444, A61K<br>31/501, A61K 31/5375                                                            | 40061750 | CN114072148 |
| KONE Corporation<br>通力股份公司                                                      | B66B 11/02, B66B 5/00                                                                                | 40061444 | CN113401769 |
| KONE Corporation<br>通力股份公司                                                      | B66B 1/18, B66B 1/34,<br>B66B 7/06, B66B 11/00                                                       | 40061526 | CN113636422 |
| KONE Corporation<br>通力股份公司                                                      | B66B 5/02, B66B 1/06,<br>B66B 1/34                                                                   | 40061527 | CN113716419 |
| KOP-COAT, INC.                                                                  | A01N 25/30, A01N<br>33/24, A01N 53/00,<br>A01N 25/00                                                 | 40061739 | EP3890485   |
| KOWA COMPANY,<br>LTD. 興和株式會社                                                    | A61B 3/10                                                                                            | 40061575 | CN113382672 |
| KYUSHU<br>UNIVERSITY,<br>NATIONAL<br>UNIVERSITY<br>CORPORATION 国立大<br>学法人九州大学   | B01J 20/26, B01J<br>20/30, C08F 20/60,<br>C08F 220/60                                                | 40061655 | CN113840653 |

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| KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION 国立大学法人九州大学 | B01J 20/26, B01J 20/28, B01J 20/30, B01D 53/02                    | 40061656 | CN113874106 |
| Kastus Technologies Dac                                       | C09D 1/00, C09D 5/14, C23C 18/12                                  | 40061725 | EP3894484   |
| Keygene N.V.                                                  | C12Q 1/68, C12Q 1/6806                                            | 40061673 | EP3887538   |
| Kindred Biosciences, Inc.                                     | C07K 14/505, C07K 16/00                                           | 40061615 | EP3894434   |
| Kiniksa Pharmaceuticals, Ltd.                                 | A61P 9/10, C07K 16/28                                             | 40061598 | EP3877051   |
| Kite Pharma, Inc 凱德藥業股份有限公司                                   | A61K 35/17, A61K 39/00, A61P 35/02, C07K 14/725, C07K 16/28       | 40061606 | CN113412117 |
| Korro Bio, Inc.                                               | A61K 31/7125, C12N 15/10, C12N 15/11                              | 40061658 | EP3914260   |
| LG ELECTRONICS INC. LG 电子株式会社                                 | A61L 2/10, A61L 2/26                                              | 40061513 | CN114099728 |
| LIVING INK TECHNOLOGIES, LLC 活墨水技术有限责任公司                      | C09C 1/48, C09C 1/56, C10B 53/02                                  | 40061590 | CN113454168 |
| LMITO THERAPEUTICS INC. LMITO 药业株式会社                          | C07D 231/56, A61K 31/416, A61K 31/437, C07D 471/04, A61P 29/00    | 40061546 | CN113454068 |
| LONZA GUANGZHOU PHARMACEUTICAL LTD.                           | C07D 265/22                                                       | 40061629 | CN113795482 |
| Labrador Diagnostics LLC                                      | C12Q 1/68, C12N 15/11, C12M 1/00, C12Q 1/6844                     | 40061523 | EP3957741   |
| Les Laboratoires Servier SAS                                  | C07D 487/04, C07D 471/04, C07D 471/20, A61K 31/519, A61P 35/00    | 40061677 | EP3902804   |
| Les Laboratoires Servier SAS                                  | C07D 487/04, C07D 471/04, C07D 471/20, A61P 35/00, A61K 31/5025   | 40061678 | EP3902803   |
| Liao, Chun Zu Joe 廖醇祖                                         | G05D 27/02                                                        | 40061706 | EP3968121   |
| MAINSRING ENERGY, INC. 曼斯普林能源股份有限公司                           | F02F 3/28, F16J 1/00, F16J 1/09, F16J 9/08, F16J 9/12, F02B 71/00 | 40061455 | CN113464309 |

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| MAYO FOUNDATION<br>FOR MEDICAL<br>EDUCATION AND<br>RESEARCH 梅約醫學教<br>育與研究基金會 | A61K 47/68, A61K<br>47/64, A61K 47/69,<br>A61K 9/19, A61K<br>31/337, A61K 39/395,<br>A61P 35/00                                                                                                                           | 40061458 | CN113599534 |
| MEMORIAL SLOAN<br>KETTERING CANCER<br>CENTER 纪念斯隆-凯<br>特琳癌症中心                | A61K 49/00, A61K<br>49/10, A61K 49/18,<br>A61K 51/04, B82Y 5/00,<br>B82Y 15/00, A61B 5/00,<br>A61B 5/0275, A61B<br>5/08, A61B 5/318, A61B<br>6/00, A61B 6/03, C07D<br>473/34, C07D 473/40,<br>C07D 471/04, C07D<br>231/56 | 40061464 | CN113521314 |
| MEMORIAL SLOAN-<br>KETTERING CANCER<br>CENTER 纪念斯隆-凯<br>特琳癌症中心               | C12N 5/0793, C12N<br>5/0797                                                                                                                                                                                               | 40061521 | CN113481159 |
| MICROSOFT<br>TECHNOLOGY<br>LICENSING, LLC 微<br>軟技術許可有限責任公<br>司               | G06F 3/01, A63F 13/285                                                                                                                                                                                                    | 40061705 | CN113950657 |
| MTR Corporation<br>Limited                                                   | B61L 27/70, B61K 9/08,<br>B61L 23/00                                                                                                                                                                                      | 40061438 | GB2598173   |
| MYSUGR GMBH                                                                  | A61M 5/315, A61M 5/20                                                                                                                                                                                                     | 40061650 | CN113474027 |
| Maritime IoT<br>Solutions BV                                                 | H01Q 1/22, H01Q 1/34,<br>H01Q 9/04, H01Q 25/00,<br>H01Q 21/20                                                                                                                                                             | 40061441 | EP3883051   |
| Mars,<br>Incorporated 马斯<br>公司                                               | G16H 50/20, C12Q 1/689                                                                                                                                                                                                    | 40061719 | CN113614848 |
| Mars,<br>Incorporated 马斯<br>公司                                               | C12Q 1/689                                                                                                                                                                                                                | 40061720 | CN113614250 |
| Mars,<br>Incorporated 马斯<br>公司                                               | C12Q 1/689                                                                                                                                                                                                                | 40061721 | CN113631724 |
| MarvelBiome, Inc.                                                            | A23L 1/30, C12N 9/88,<br>C12N 1/20, C12N 15/09,<br>C12N 1/38, C12P 7/22,<br>C12N 9/16                                                                                                                                     | 40061746 | EP3891267   |
| Maxwell Chase<br>Technologies,<br>LLC.                                       | B65D 85/50, B65D<br>81/26, A23B 7/00                                                                                                                                                                                      | 40061758 | EP3898450   |
| Mayr-Melnhof<br>Karton AG                                                    | D21H 17/11, D21H<br>17/46, D21H 17/00,<br>D21H 19/82, D21H<br>19/84, D21H 21/16,<br>D21H 27/10                                                                                                                            | 40061443 | EP3882395   |



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| MedImmune, LLC                                           | C07K 16/08, C07K 16/10, A61K 31/00, A61K 39/00, A61P 31/16                                           | 40061503 | CN113480640 |
| Meiji Co., Ltd.<br>株式會社明治                                | A23C 9/18, A23P 10/28                                                                                | 40061595 | CN113543646 |
| Merus N.V.                                               | C07K 16/28, A61P 35/00, A61K 39/395                                                                  | 40061757 | EP3898685   |
| Mitsubishi Electric Corporation 三菱电机株式会社                 | B66B 7/02                                                                                            | 40061657 | CN114127002 |
| Mitsubishi Tanabe Pharma Corporation<br>Osaka University | A61K 31/712, A61P 43/00, C07H 19/06, C07H 19/10, C07H 19/16, C07H 19/20, C12N 15/10                  | 40061613 | EP3881851   |
| Molecular Insight Pharmaceuticals, Inc.                  | A61K 51/00, C07C 279/06, C07B 59/00, C07C 17/093, C07F 7/22, A61K 51/04, A61P 35/00                  | 40061461 | EP3888694   |
| Mul-T-Lock Technologies Ltd.                             | E05B 47/00, E05B 19/00                                                                               | 40061627 | EP3963153   |
| NATIONAL HEALTH RESEARCH INSTITUTES 臺灣衛生研究院              | A61K 31/416, A61K 31/437, A61P 35/00                                                                 | 40061639 | CN114025755 |
| NEIGHBORCOM, LLC                                         | G06F 16/29, G06F 16/487, G06F 16/587, G06F 16/687, G06F 16/909                                       | 40061599 | CN114072785 |
| NEUROENERGY VENTURES, INC. 神经活力投资公司                      | A61K 31/22, C07C 69/675, A61P 25/00                                                                  | 40061745 | CN113710243 |
| NEVEON Austria GmbH                                      | A01N 43/78, A01N 43/90, A01N 59/16, B60N 2/90, B64D 11/06, D06M 13/272, D06M 13/352, D06M 13/355     | 40061687 | EP3945822   |
| NOKIA TECHNOLOGIES OY<br>諾基亞技術有限公司                       | H04N 19/119, H04N 19/167, H04N 19/17, H04N 19/597, G06T 9/00, H04N 19/70, H04N 21/2343, H04N 21/4402 | 40061734 | CN113498606 |
| NORTEK SECURITY & CONTROL LLC 诺泰克安全控制有限责任公司              | G08B 13/00, G08B 25/00, G08B 26/00                                                                   | 40061569 | CN113811925 |
| NOVOCURE GMBH                                            | A61N 1/00, A61N 1/04, G16H 20/30, G16H 50/50                                                         | 40061756 | EP3962577   |

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| NUCLEIN, LLC 核酸<br>有限责任公司                                                 | G01N 21/77, G01N<br>35/00, G01N 35/10                                                                                                                       | 40061568 | CN113396326 |
| NURITAS LIMITED<br>努里塔斯有限公司                                               | C07K 14/415, A23L<br>33/185, A61K 8/64,<br>A61K 9/14, A61K 38/16,<br>A61P 17/02, A61P<br>17/18, A61P 35/00,<br>A61Q 19/00, A61Q 19/08                       | 40061519 | CN113512102 |
| NaCuity<br>Pharmaceuticals,<br>Inc.                                       | A61K 31/16, A61P<br>17/00, A61P 39/06                                                                                                                       | 40061681 | EP3908271   |
| Nano and Advanced<br>Materials<br>Institute Limited<br>纳米及先进材料研发院<br>有限公司 | E04B 1/348, E04B 1/38                                                                                                                                       | 40061442 | CN113969620 |
| Nano and Advanced<br>Materials<br>Institute Limited<br>纳米及先进材料研发院<br>有限公司 | C08L 5/02, C08L 23/08,<br>C08L 3/02, C08K 5/053,<br>C08K 5/098, C08K<br>5/1535, C08L 23/12,<br>C08L 23/06, C08J 9/12,<br>C08J 9/06, C08J 9/32,<br>C08J 9/22 | 40061445 | CN114058087 |
| Network-1<br>Technologies,<br>Inc.                                        | H04L 9/08, H04L 29/06,<br>H04L 29/08, H04W 4/70,<br>H04W 12/0431, H04W<br>12/069                                                                            | 40061429 | GB2593108   |
| Niacet<br>Corporation                                                     | A01N 37/02, A01P 3/00,<br>A01N 25/02                                                                                                                        | 40061493 | EP3925444   |
| Nike Innovate<br>C.V. 耐克创新有限合<br>伙公司                                      | A43B 23/02, A43C 1/04,<br>A43B 1/04, A43B 1/00,<br>A43B 23/04, D04B 1/12                                                                                    | 40061462 | CN113475816 |
| Nouscom AG                                                                | G16B 20/50, G16B 35/10                                                                                                                                      | 40061628 | EP3881324   |
| Novartis AG                                                               | A61K 39/395, C07K<br>16/24, A61K 31/519                                                                                                                     | 40061520 | EP3912640   |
| Novartis AG                                                               | C07D 237/14, C07D<br>237/20, C07D 401/14,<br>C07D 403/12, A61K<br>31/501, A61P 3/10,<br>A61P 9/00, A61P 19/02,<br>A61P 35/00                                | 40061653 | EP3969441   |
| Novocure GmbH                                                             | G06T 7/11, G06T 7/149                                                                                                                                       | 40061474 | EP3961565   |
| OMEGA SA                                                                  | A44C 5/00, A61K 8/68,<br>A61K 8/73, A61K 8/64,<br>A61K 8/9794, A61Q<br>19/00, A01N 43/40,<br>A01N 59/26, A01N<br>59/06, A01N 25/08,<br>A01P 1/00, A01P 3/00 | 40061448 | CN113679152 |
| OSAKA UNIVERSITY                                                          | C12N 15/09                                                                                                                                                  | 40061581 | EP3950942   |

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| Oskar Frech GmbH<br>+ Co. KG                           | C22C 38/02, C22C<br>38/04, C22C 38/44,<br>C22C 38/58, B23K<br>35/02, B23K 35/30,<br>B23K 26/342, B22D<br>17/20 | 40061432 | EP3889292   |
| Oskar Frech GmbH<br>+ Co. KG                           | B22D 17/22, B22D 17/24                                                                                         | 40061433 | EP3907020   |
| Oskar Frech GmbH<br>+ Co. KG                           | B22D 17/20                                                                                                     | 40061435 | EP3892399   |
| Oskar Frech GmbH<br>+ Co. KG                           | B22D 17/20, B22D 17/32                                                                                         | 40061436 | EP3928889   |
| Otsuka<br>Pharmaceutical<br>Co., Ltd.                  | A61K 31/496, A61K<br>9/00, A61P 25/18                                                                          | 40061624 | EP3941470   |
| Oxford University<br>Innovation<br>Limited             | H01L 27/30                                                                                                     | 40061672 | EP3895218   |
| Oy Neurosonic<br>Finland Ltd.                          | A61H 23/00, A61H 7/00                                                                                          | 40061536 | EP3906913   |
| PFIZER INC. 辉瑞公<br>司                                   | C12P 19/04, A61K<br>39/09, C07K 16/00                                                                          | 40061555 | CN113728109 |
| PIERRE FABRE<br>DERMO-COSMETIQUE<br>皮埃爾·法布爾皮膚化<br>妝品公司 | A61K 36/28, A61K<br>8/9789, A61P 17/14,<br>A61Q 7/00, A61K 131/00                                              | 40061724 | CN114206363 |
| POWERCELL SWEDEN<br>AB 瑞典電池公司                          | H01M 8/026, H01M<br>8/0267, H01M 8/0273,<br>H01M 8/242                                                         | 40061554 | CN113383447 |
| PTC Therapeutics,<br>Inc.                              | A61P 25/00, C07D<br>487/04, A61K 31/519                                                                        | 40061557 | EP3924050   |
| PTC Therapeutics,<br>Inc.                              | A61P 25/00, C07D<br>495/04, A61K 31/4365                                                                       | 40061559 | EP3924049   |
| Prym Intimates<br>Group Ltd.                           | A44B 13/00, A44B<br>17/00, A41F 1/00, A41D<br>1/00, H05K 1/03, H01R<br>12/77                                   | 40061582 | EP3952690   |
| Qitan Technology<br>Ltd., Chengdu 成都<br>齊碳科技有限公司       | G01R 19/25, G01R 1/30,<br>C12Q 1/6869                                                                          | 40061490 | CN114002496 |
| Qitan Technology<br>Ltd., Chengdu 成都<br>齊碳科技有限公司       | G16B 40/20, G16B 30/00                                                                                         | 40061506 | CN114023389 |
| Qitan Technology<br>Ltd., Chengdu 成都<br>齊碳科技有限公司       | G16B 30/10, G16B 20/50                                                                                         | 40061488 | CN114005489 |
| RAI Strategic<br>Holdings, Inc.                        | A24F 40/46, A24F<br>40/42, A24F 40/40,<br>A24F 40/20                                                           | 40061439 | EP3881693   |

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| RED BULL GMBH 红牛<br>有限责任公司                                        | A23C 3/027, A23L<br>3/358, A23L 2/46, A23L<br>3/00, A23L 3/02, C02F<br>1/44, A23L 3/04, C02F<br>1/50, C02F 9/00, C12H<br>1/00, C02F 1/00, C02F<br>1/76, C02F 5/14, C02F<br>103/02                         | 40061562 | CN114007431 |
| RED BULL GMBH 红牛<br>有限责任公司                                        | A23L 3/00, A23L 2/46,<br>C02F 1/00, C02F 1/02,<br>C02F 1/44, C02F 5/08,<br>C02F 1/76, C02F 1/66,<br>C02F 103/32, C12H<br>1/08, A23L 3/02, C02F<br>1/50, C12H 1/00, A23L<br>3/04, C02F 9/00, A23C<br>3/027 | 40061685 | CN114206130 |
| RINNAI<br>CORPORATION 林内株<br>式會社                                  | F24C 3/08, F24C 3/12,<br>F24C 15/08                                                                                                                                                                       | 40061453 | CN114110667 |
| ROLEX SA 劳力士有限<br>公司                                              | A44C 5/24, G04B 37/14,<br>A41H 1/02, A44C 5/02                                                                                                                                                            | 40061586 | EP3886642   |
| Ralf Nörenberg 拉<br>尔夫·内伦贝格<br>Ingo Windeler 英<br>戈·温德勒           | E04B 1/98, E04B 2/90,<br>F16F 7/00                                                                                                                                                                        | 40061545 | CN113330171 |
| Ram Prakash<br>Sharma 拉姆·普拉卡<br>施·夏爾馬<br>Vinay Sharma 維納<br>伊·夏爾馬 | F25C 1/24, F25D 21/12,<br>F25B 39/02                                                                                                                                                                      | 40061665 | CN113490823 |
| Rampart IC, LLC                                                   | A61B 6/10, A61B 6/04                                                                                                                                                                                      | 40061761 | EP3920805   |
| Regeneron<br>Pharmaceuticals,<br>Inc.                             | A01K 67/027, C12N<br>15/90, C07K 16/10                                                                                                                                                                    | 40061728 | EP3945800   |
| Regeneron<br>Pharmaceuticals,<br>Inc. 瑞澤恩製藥公司                     | A01K 67/027, C07K<br>16/00, C07K 16/46,<br>C12N 15/85                                                                                                                                                     | 40061463 | EP3895528   |
| Regents of the<br>University of<br>Minnesota                      | A61K 9/08, A61L 27/52,<br>A61K 47/02, A61K<br>47/32, A61K 9/06                                                                                                                                            | 40061561 | EP3866763   |
| Rottapharm<br>Biotech S.r.l.                                      | C07K 16/30, A61K 31/00                                                                                                                                                                                    | 40061608 | EP3953393   |
| Rottapharm<br>Biotech S.r.l.                                      | C07D 231/56, C07D<br>471/04, A61K 31/416,<br>A61K 31/4162, A61P<br>35/00, C07D 401/10,<br>C07D 401/14                                                                                                     | 40061612 | EP3956315   |
| SANOFI                                                            | A61K 47/54, A61P 5/50,<br>C07K 14/62, A61K 38/00                                                                                                                                                          | 40061691 | EP3893934   |

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| SANOFI                                                                                                                                                                   | A61M 5/24, A61M 5/28,<br>A61M 5/315, A61M 5/31                                                                           | 40061692 | EP3897783   |
| SANOFI                                                                                                                                                                   | A61M 5/24, A61M 5/315                                                                                                    | 40061693 | EP3897782   |
| SANOFI                                                                                                                                                                   | A61M 5/315, G16H<br>80/00, G16H 40/60,<br>G16H 20/17, A61M<br>5/142, A61M 5/172,<br>H04B 7/24, G16H 40/63,<br>G16H 40/67 | 40061694 | EP3897786   |
| SANOFI                                                                                                                                                                   | A61M 5/31, A61M 5/315                                                                                                    | 40061695 | EP3897785   |
| SHANGHAI GREEN<br>VALLEY<br>PHARMACEUTICAL<br>CO., LTD. 上海綠谷<br>製藥有限公司<br>SHANGHAI<br>INSTITUTE OF<br>MATERIA MEDICA,<br>CHINESE ACADEMY<br>OF SCIENCES 中國科<br>學院上海藥物研究所 | A61K 31/702                                                                                                              | 40061577 | CN113924100 |
| SHARPS<br>TECHNOLOGY, INC.                                                                                                                                               | A61M 5/178, A61M 5/32                                                                                                    | 40061652 | CN114144213 |
| SHARPS<br>TECHNOLOGY, INC.                                                                                                                                               | A61M 5/178, A61M<br>5/315, A61M 5/32, A61M<br>5/34                                                                       | 40061651 | CN114126684 |
| SHENZHEN<br>CHIPSCREEN<br>BIOSCIENCES, CO.,<br>LTD. 深圳微芯生物科<br>技股份有限公司                                                                                                   | C12Q 1/6886, A61K<br>31/47, A61P 35/00                                                                                   | 40061666 | EP3950961   |
| SOCIÉTÉ DES<br>PRODUITS NESTLÉ<br>S.A.                                                                                                                                   | A23L 2/66, A23L 2/84,<br>A23L 33/18, A23F 3/00                                                                           | 40061647 | EP3883391   |
| SOMFY ACTIVITES<br>SA                                                                                                                                                    | H02S 50/00                                                                                                               | 40061642 | EP3942690   |
| Sanofi-Aventis<br>Deutschland GmbH                                                                                                                                       | A61M 5/315                                                                                                               | 40061456 | EP3881879   |
| Sanofi-Aventis<br>Deutschland GmbH                                                                                                                                       | A61M 5/315                                                                                                               | 40061457 | EP3881880   |
| Sanofi-Aventis<br>Deutschland GmbH<br>Technische<br>Universität<br>Berlin                                                                                                | C12P 21/00, C12N 9/04,<br>C12N 9/10, C12N 9/88                                                                           | 40061696 | EP3899007   |
| Shanghai<br>SenseTime<br>Intelligent<br>Technology Co.,<br>Ltd. 上海商汤智能科<br>技有限公司                                                                                         | G06T 5/00, G06T 5/50,<br>G06T 7/11, G06T 7/194,<br>G06T 7/90                                                             | 40061482 | CN113920032 |

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| Shanghai<br>SenseTime Lingang<br>Intelligent<br>Technology Co.,<br>Ltd. 上海商汤临港智<br>能科技有限公司 | G06F 21/53                                                                                                                                                                                                                                | 40061478 | CN114117409 |
| Shanghai<br>SenseTime<br>Technology<br>Development<br>Co.,Ltd. 上海商汤科<br>技开发有限公司            | G10L 25/24, G10L<br>15/26, G10L 13/02,<br>G10L 15/02, H04N<br>21/234, H04N 21/44,<br>H04N 21/233, H04N<br>21/439, G06V 40/16,<br>G06V 10/44, G06V<br>10/764, G06V 10/82,<br>G06K 9/62, G06N 3/04,<br>G06N 3/08, G06T 13/20,<br>G06T 13/40 | 40061479 | CN114093384 |
| Shenzhen<br>Tetras.AI<br>Technology Co.,<br>Ltd. 深圳市慧鲤科技<br>有限公司                           | G10L 15/02, G10L<br>15/16, G10L 15/22,<br>G10L 25/24                                                                                                                                                                                      | 40061476 | CN114203161 |
| Singer Sourcing<br>Limited LLC                                                             | D05B 35/06, D05C 7/08                                                                                                                                                                                                                     | 40061431 | EP3892766   |
| Sloan-Kettering<br>Institute for<br>Cancer Research                                        | C07H 13/08, A61K<br>31/7024, A61P 37/04                                                                                                                                                                                                   | 40061427 | EP3868771   |
| SomaLogic<br>Operating Co.,<br>Inc.                                                        | A61B 5/05, A61B 5/103,<br>A61B 5/117                                                                                                                                                                                                      | 40061634 | EP3886696   |
| Stealth<br>BioTherapeutics<br>Inc.                                                         | C07K 5/10, C07K 5/11,<br>C07K 5/117, A61P 9/10,<br>A61K 38/00                                                                                                                                                                             | 40061702 | EP3898652   |
| Stealth<br>BioTherapeutics<br>Inc.                                                         | C07K 5/10, C07K 5/11,<br>A61P 9/10, A61K 38/00                                                                                                                                                                                            | 40061703 | EP3898653   |
| Stealth<br>BioTherapeutics<br>Inc.                                                         | A61K 38/07, A61P 9/04,<br>A61P 9/06, A61P 9/08,<br>A61P 9/10, A61P 9/12,<br>C07K 5/10                                                                                                                                                     | 40061712 | EP3890765   |
| Streamroot                                                                                 | H04N 21/63, H04L<br>29/08, G06F 16/182,<br>H04N 21/25, H04N<br>21/466, H04N 21/2662,<br>H04N 21/462, H04N<br>21/845, H04N 21/231,<br>H04N 21/433, H04N<br>21/44, H04N 21/442,<br>H04N 21/61                                               | 40061471 | EP3886451   |
| Sumitomo Bakelite<br>Co., Ltd. 住友电木<br>株式会社<br>RESEARCH                                    | C11B 9/00, A61Q 1/00,<br>A61Q 13/00, A61Q<br>17/00, A61Q 19/00,<br>A61Q 5/00, C12P 7/42,                                                                                                                                                  | 40061548 | CN113677783 |

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| INSTITUTE OF<br>INNOVATIVE<br>TECHNOLOGY FOR<br>THE EARTH 公益財團<br>法人地球環境產業技術<br>研究機構   | A23L 27/10, A23L<br>29/00, A61K 8/36, A61K<br>8/365, A61K 8/368,<br>A61K 8/37, A61K 8/44                    |          |             |
| Swiss Tech<br>Innovation AG 瑞士<br>科技創新股份公司                                             | F16L 21/08, F16L<br>47/03, B29C 65/08,<br>B29C 65/16, B29C<br>65/76, B29C 65/78                             | 40061729 | CN114207339 |
| TENET S.R.L. 特內<br>有限責任公司                                                              | G05B 19/042, G05B<br>15/02                                                                                  | 40061723 | CN113490891 |
| THE BOARD OF<br>REGENTS OF THE<br>UNIVERSITY OF<br>TEXAS SYSTEM 德克<br>薩斯大學系統董事會        | C07K 16/18, A61P<br>35/00, A61K 39/395,<br>A61K 47/55                                                       | 40061589 | CN113423732 |
| THE BOARD OF<br>TRUSTEES OF THE<br>LELAND STANFORD<br>JUNIOR UNIVERSITY                | A61K 48/00, C12N<br>15/85, A61K 47/69                                                                       | 40061583 | EP3877002   |
| THE GLAD PRODUCTS<br>COMPANY 格拉德產品<br>公司                                               | B65D 33/00, B29C<br>59/04, B29C 65/00,<br>B29D 22/00, B31B<br>70/00, B31B 70/88                             | 40061748 | CN114144362 |
| THE GLAD PRODUCTS<br>COMPANY 格拉德產品<br>公司                                               | C08L 101/12, B29D<br>7/01, B65D 33/00                                                                       | 40061749 | CN114127199 |
| THE JOHNS HOPKINS<br>UNIVERSITY 約翰·霍<br>普金斯大學                                          | A61K 39/395, A61P<br>35/00                                                                                  | 40061534 | CN113694193 |
| THE NATIONAL<br>INSTITUTES OF<br>PHARMACEUTICAL<br>R&D CO., LTD 中國<br>醫藥研究開發中心有限<br>公司 | C07D 417/12, C07D<br>417/14, C07D 401/12,<br>A61K 31/427, A61K<br>31/415, A61P 25/28,<br>A61P 11/00         | 40061563 | CN114072399 |
| THE SWATCH GROUP<br>RESEARCH AND<br>DEVELOPMENT LTD.                                   | G04C 3/10, G04C 3/14                                                                                        | 40061496 | CN113960912 |
| THE SWATCH GROUP<br>RESEARCH AND<br>DEVELOPMENT LTD.                                   | G04C 10/00, H02K 3/46,<br>H02K 5/00, H02K 7/18                                                              | 40061497 | CN114137816 |
| THE TRUSTEES OF<br>COLUMBIA<br>UNIVERSITY IN THE<br>CITY OF NEW YORK                   | A61B 5/02, A61B 5/021,<br>A61B 5/026, A61B<br>5/0295, A61B 5/1455,<br>G01N 21/01, G01N<br>21/31, G01N 21/49 | 40061544 | EP3866678   |

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| THE TRUSTEES OF<br>THE UNIVERSITY OF<br>PENNSYLVANIA                                          | C07K 16/28, C12N 5/00,<br>C12N 9/22                                                                                                                                                               | 40061648 | EP3898692   |
| TIANJIN UNIVERSITY<br>Y 天津大學                                                                  | H04L 12/24                                                                                                                                                                                        | 40061452 | CN113783726 |
| TRANSTRON INC.                                                                                | H04R 3/02, H04B 3/20,<br>H04M 1/60                                                                                                                                                                | 40061682 | EP3952335   |
| TRITON ALGAE<br>INNOVATIONS, INC.                                                             | A23J 3/20, A23J 3/22,<br>C07D 207/34, C07D<br>487/22, C07K 14/795,<br>C12N 1/12, C12N<br>15/113, A23L 27/26                                                                                       | 40061619 | EP3876746   |
| TRITON ALGAE<br>INNOVATIONS, INC.                                                             | A23J 3/20, C12N 15/11,<br>C07D 201/00, C07D<br>207/34, A23J 3/22,<br>C07D 487/22, C07K<br>14/795, C12N 1/12,<br>C12N 15/113, A23L<br>27/26                                                        | 40061620 | EP3876745   |
| Terumo Kabushiki<br>Kaisha 泰尔茂株式会<br>社                                                        | G01K 13/20, G01K 1/02                                                                                                                                                                             | 40061524 | CN114076645 |
| The Brigham &<br>Women's Hospital,<br>Inc.<br>The Children's<br>Medical Center<br>Corporation | A61K 35/74, A61P 1/00,<br>A61P 29/00                                                                                                                                                              | 40061584 | EP3876967   |
| The Hong Kong<br>University of<br>Science and<br>Technology 香港科<br>技大學                        | H04W 64/00, H04B<br>17/318, G01S 5/02                                                                                                                                                             | 40061460 | CN114096001 |
| The Methodist<br>Hospital                                                                     | A61K 31/198, A61K<br>31/337, A61K 31/4422,<br>A61P 35/00, A61K<br>31/223, A61K 31/277,<br>A61K 31/4427, A61K<br>31/4439, A61K 31/444,<br>A61K 31/496, A61K<br>31/554, A61K 31/675,<br>A61K 33/243 | 40061465 | EP3967303   |
| The Regents of<br>the University of<br>California<br>CASE WESTERN<br>RESERVE<br>UNIVERSITY    | A61K 47/36, A61K 9/00,<br>A61L 27/52, A61P 43/00                                                                                                                                                  | 40061740 | EP3893933   |
| The Research<br>Foundation for<br>The State<br>University of New                              | B32B 27/06, B82Y<br>30/00, B82Y 40/00,<br>C01B 32/194                                                                                                                                             | 40061621 | EP3887154   |



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研究基金会

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| The United States of America, as represented by the Secretary, Department of Health and Human Services | C07K 14/725, C12N 9/12, A61P 35/00                                                   | 40061709 | EP3938387   |
| Tianjin Yujin Artificial Intelligence Medical Technology Co., Ltd.                                     | G16H 40/20                                                                           | 40061730 | EP3961644   |
| Topix Pharmaceuticals, Inc. 塔普克斯製藥公司                                                                   | A61K 31/715, A61K 31/734, A61K 38/05                                                 | 40061605 | CN113382738 |
| Truck Accessories Group, LLC                                                                           | B60J 7/04, B60J 7/06, B60J 7/08, B60J 7/10, B60J 7/12                                | 40061565 | EP3870468   |
| Truck Accessories Group, LLC                                                                           | B60J 7/16, E05B 83/16, E05C 9/08                                                     | 40061566 | EP3870469   |
| UGLX RESEARCH AB 乌格勒希研究有限公司                                                                            | A01N 1/02                                                                            | 40061646 | CN113677200 |
| ULTHERA, INC. 奧賽拉公司                                                                                    | A61B 8/00                                                                            | 40061607 | CN114126494 |
| UNIVERSAL CITY STUDIOS LLC                                                                             | A63G 7/00, A63G 31/00, A63G 21/18                                                    | 40061654 | CN113474062 |
| Ultragenyx Pharmaceutical Inc.                                                                         | C12N 15/55, C12N 15/864, C12N 9/16, C12N 5/10, A61K 38/46, A61K 48/00                | 40061610 | EP3898981   |
| Unifor S.p.A.                                                                                          | E04B 2/74, E06B 3/02, E04B 2/82                                                      | 40061542 | EP3867457   |
| University Of Iowa Research Foundation                                                                 | C12Q 1/6883                                                                          | 40061532 | EP3907300   |
| VERTOS MEDICAL, INC.                                                                                   | A61B 17/16, A61B 17/3205, B25B 23/14, A61B 17/00, A61B 17/32, A61B 17/34, A61B 90/00 | 40061446 | EP3881780   |
| VIAVI SOLUTIONS INC. VIAVI 科技有限公司                                                                      | B05D 5/06, B05D 7/00, B05D 3/00, G02B 5/18, B44C 1/24                                | 40061518 | CN114192368 |
| VISA INTERNATIONAL SERVICE                                                                             | G06Q 20/40, G06Q 20/32, G06Q 20/36, H04W 4/30, H04W 4/12                             | 40061623 | CN113383359 |

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際服務協會

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| VIVO MOBILE<br>COMMUNICATION<br>CO., LTD. 维沃移动<br>通信有限公司   | H04W 76/10                                                                                         | 40061593 | EP3952597   |
| VIVO MOBILE<br>COMMUNICATION<br>CO., LTD. 维沃移动<br>通信有限公司   | H04W 72/04                                                                                         | 40061594 | EP3952503   |
| VORONOI INC. 株式<br>会社沃若诺伊<br>VORONOIBIO INC.<br>株式会社沃若诺伊生物 | C07D 471/04, A61K<br>31/437, A61K 31/519,<br>C07D 487/04, A61P<br>35/00, A23L 29/00,<br>A23L 33/10 | 40061602 | CN113574057 |
| Velodyne Lidar<br>USA, Inc.                                | G01S 17/02                                                                                         | 40061741 | EP3891530   |
| Veltek<br>Associates, Inc.                                 | G01N 1/22                                                                                          | 40061473 | EP3885738   |
| Vitrafy Life<br>Sciences Limited                           | F25D 17/02, F25D<br>17/04, F25D 13/02,<br>A23B 4/26, A23L 3/36,<br>A01N 1/02                       | 40061576 | EP3884221   |
| W. R. GRACE &<br>CO.-CONN.                                 | B02C 19/00, B02C<br>23/18, C08K 3/36                                                               | 40061592 | CN113382804 |
| WUXI APPTEC<br>(SHANGHAI) CO.,<br>LTD. 上海药明康德新<br>药开发有限公司  | C12N 15/86, C12N 7/01,<br>C12N 15/35, C07K<br>14/015, A61P 1/16,<br>C12N 15/63                     | 40061751 | CN113518824 |
| WUXI APPTEC<br>(SHANGHAI) CO.,<br>LTD. 上海药明康德新<br>药开发有限公司  | C40B 40/08, C40B<br>40/02, C40B 50/06,<br>C12N 15/864                                              | 40061752 | CN114207196 |
| Wonderland<br>Switzerland AG 明<br>門瑞士股份有限公司                | B62B 7/10                                                                                          | 40061710 | EP3908496   |
| Yatzz Limited                                              | A61K 31/465, A24B<br>15/16                                                                         | 40061470 | EP3909581   |
| Yeda Research and<br>Development Co.<br>Ltd.               | A61K 39/00, A61K<br>38/48, C07K 16/40,<br>C12N 9/64, G01N 33/50,<br>G01N 33/574                    | 40061597 | EP3920965   |
| iOmx Therapeutics<br>AG                                    | C07D 417/14, A61K<br>31/506, A61P 35/00                                                            | 40061556 | EP3870580   |
| 上海济煜医药科技有限<br>公司<br>江西济民可信集团有限<br>公司                       | C07D 213/89, A61K<br>31/165                                                                        | 40061625 | CN113906013 |

|                |                                                                                                |          |             |
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| 上海济煜医药科技有限公司   | C07D 403/14, C07D 403/12, A61K 31/4184, A61P 35/00, A61P 29/00, A61P 31/00, A61P 37/00         | 40061722 | CN114174285 |
| 江西济民可信集团有限公司   |                                                                                                |          |             |
| 中国医学科学院北京协和医院  | C12M 1/00, C12M 1/34, C12M 1/36, C12M 3/00                                                     | 40061530 | CN113528295 |
| 北京博奥晶典生物技术有限公司 |                                                                                                |          |             |
| 中国医学科学院北京协和医院  | B01L 3/00                                                                                      | 40061531 | CN113492024 |
| 北京博奥晶典生物技术有限公司 |                                                                                                |          |             |
| 任立棕            | G06N 3/08, G06N 3/04, G06K 9/62, G06F 16/35, G06F 16/28, G06F 40/216, G06F 40/211, G06F 40/295 | 40061491 | CN113487024 |
| 北京市商汤科技开发有限公司  | G06V 10/74, G06K 9/62                                                                          | 40061522 | CN113989531 |
| 浙江大学医学院附属第一医院  | C07D 405/06                                                                                    | 40061498 | CN113880819 |
| 浙江奥翔药业股份有限公司   |                                                                                                |          |             |
| 深圳华大因源医药科技有限公司 | C12N 15/29                                                                                     | 40061450 | CN114107325 |
| 深圳华大基因股份有限公司   |                                                                                                |          |             |
| 华大生物科技(武汉)有限公司 |                                                                                                |          |             |
| 深圳华大法医科技有限公司   | C12Q 1/6888, C12Q 1/6837, G16B 20/20, G16B 20/30, G16B 20/40                                   | 40061451 | CN113584178 |
| 论客科技(广州)有限公司   | G06F 16/2455, G06F 16/26, G06K 9/62                                                            | 40061468 | CN113468222 |
| 论客科技(广州)有限公司   | G06F 21/60, G06F 21/62, G06F 16/27, G06Q 40/04, H04L 29/06                                     | 40061469 | CN113591105 |



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 37Q 條發表的原授標準專利申請

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

#### 1. 按國際專利分類排列

##### Arranged by International Patent Classification

20061770 - 20061770

|      |                                                                                                       |      |            |
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| [51] | F41B 11/89                                                                                            | [11] | 20061770   |
|      |                                                                                                       | [13] | A          |
| [25] | ZH                                                                                                    |      |            |
| [21] | 22021038957.7                                                                                         | [22] | 16.09.2021 |
| [30] | 24.11.2020 JP, JP2020-194738                                                                          |      |            |
| [54] | GAS TOY GUN AND MAGAZINE THEREOF<br>氣體式玩具槍及其彈夾                                                        |      |            |
| [71] | TOKYO MARUI Co., Ltd.<br>東京丸井株式會社<br>16-16, Ayase 4-chome<br>Adachi-ku, Tokyo 120-0005<br>JAPAN<br>日本 |      |            |
| [72] | Takahiro IWASAWA 岩澤隆弘<br>Shigeru IWASAWA 岩澤茂                                                          |      |            |
| [74] | 中國專利代理(香港)有限公司<br>香港<br>灣仔<br>港灣道 23 號鷹君中心 22 字樓                                                      |      |            |

2. 按發表編號排列  
Arranged by Publication Number

20061770 - 20061770

| [11]<br>發表編號    | [51]<br>國際專利分類                         |
|-----------------|----------------------------------------|
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| 20061770        | F41B 11/89                             |

3. 按申請編號排列

Arranged by Application Number

20061770 - 20061770

| [ 21 ]          | [ 11 ]          |
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| 申請編號            | 發表編號            |
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| 22021038957.7   | 20061770        |

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       |
|----------------------------------|-------------------------------------------|--------------------|
| Name<br>of<br>Applicant          | International<br>Patent<br>Classification | Publication<br>No. |
| TOKYO MARUI Co.,Ltd.<br>東京丸井株式會社 | F41B 11/89                                | 20061770           |



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****1085911 - 40055214**

[51] A01D 44/00 [11] 1258888  
A01G 7/02 CN108347884 B  
B01D 53/62  
C02F 1/00  
C02F 3/32  
[13] B

[25] ZH

[21] 19101361.8 [22] 25.01.2019

[86] 16.09.2016 PCT/US2016/052145

[87] 23.03.2017 WO2017/049092

[30] 18.09.2015 US, 62/220,718  
05.04.2016 US, 62/318,575  
19.08.2016 US, 62/377,479

[54] DEVICES, SYSTEMS AND METHODS FOR ENHANCED BIOMASS GROWTH IN GREENHOUSES  
用於增強溫室中生物質生長的設備、系統和方法

[73] CARBON SINK, INC.  
碳汇公司  
46 Green Street  
Huntington, New York 11743  
UNITED STATES OF AMERICA

[72] O'KEEFE, Frank 弗蘭克·奧基夫

[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] A01G 7/02 [11] 1258888  
A01D 44/00 CN108347884 B  
[13] B



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[51] A45C 13/00 [11] 40020434  
CN110662454 B  
[13] B

[25] ZH

[21] 62020009696.9 [22] 19.06.2020

[86] 25.05.2018 PCT/IB2018/053730  
[87] 06.12.2018 WO2018/220493  
[30] 27.05.2017 US,62511980

[54] SYSTEM AND METHODS FOR INTRODUCING REMOVABLE PARTS CLOSELY  
UPON PART-RECEPTIVE OBJECT AFTER FABRICATION  
在製造部件接受物品之後將可移除部件緊密地引入到部件接受物品上的系統和方法

[73] 2x10 Limited  
Suite C, 28th floor, Lung Cheung Garden  
26 Praya, Kennedy Town, Western  
HONG KONG

[72] WILCOCK, Christopher, Bernard C•B•威尔科克

[74] fao Christopher B Wilcock  
Suite C, 28th floor, Lung Cheung Garden  
26 Praya, Kennedy Town, Western  
HONG KONG

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[51] A45D 2/40 [11] 1206567  
CN104334049 B  
[13] B

[25] ZH

[21] 15107353.9 [22] 31.07.2015

[86] 27.03.2013 PCT/US2013/034162  
[87] 03.10.2013 WO2013/148876  
[30] 28.03.2012 US,61/616,955  
24.04.2012 US,61/637,688  
06.12.2012 US,13/707,423

[54] HAIR VOLUMIZING DEVICE THAT EMPLOYS INDIVIDUAL TEETH WITHOUT  
LEAVING A VISIBLE PATTERN  
使用單獨的齒形而不留下可見圖案的蓬發裝置

[73] Oomph Innovations, LLC.  
歐姆芬創新有限責任公司  
21 Columbus Ave. #233, San Francisco  
CA 94111  
UNITED STATES OF AMERICA

LUND, Patricia A.  
帕特麗夏·A·隆德

5839 PresleyWay, Oakland  
CA 94618  
UNITED STATES OF AMERICA

SCHWARTZ, William M.  
威廉·M·施瓦茲  
700 Illinois St. #203, San Francisco  
CA 94107  
UNITED STATES OF AMERICA

- [72] LUND, Patricia A. 帕特麗夏·A·隆德  
SCHWARTZ, William M. 威廉·M·施瓦茲
- [74] IT&T INTERNATIONAL PATENT AND TRADEMARK AGENT LIMITED  
1/F, Everglory Centre  
1B Kimberley Street, Tsim Sha Tsui, Kowloon  
HONG KONG

- 
- [51] A47J 37/07 [11] 40043527  
EP3782519 B1  
[13] B

[25] EN

[21] 42021033924.8 [22] 29.06.2021

[30] 21.08.2019 US,201962889821  
07.04.2020 US,202016842449

[54] KAMADO-STYLE COOKER WITH PELLET FEED  
帶顆粒燃料的 KAMADO 型炊具

[73] ALIGN MACHINE WORKS, LLC  
585 BARBER STREET  
SUITE G ATHENS, GA 30601  
UNITED STATES OF AMERICA

[72] PRUITT, JOSEPH  
BROADRICK, JEFFREY  
AASNESS, KYLE

[74] GLOBAL IP AGENT COMPANY LIMITED  
9/F., GOODWILL INDUSTRIAL BUILDING  
36-44 PAK TIN PAR STREET, TSUEN WAN  
HONG KONG

- 
- [51] A47K 10/24 [11] 40053419  
CN112773236 B  
[13] B

[25] ZH

[21] 42021042263.0 [22] 11.11.2021

[30] 11.11.2019 JP,2019-204240

[54] CLOTH PRODUCT STORAGE DEVICE  
布製品收納器

[73] 株式會社伊勢藤  
日本  
大阪府東大阪市森河內西 2 丁目  
13 番 11 號

[72] 伊藤剛

[74] 德琦知識產權代理(香港)有限公司  
香港  
九龍旺角彌敦道  
555 號九龍行 703 室

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|      |                          | [13] | B                        |

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| [51] | A61B 34/30<br>A61B 34/37<br>A61B 90/00 | [11] | 40033542<br>EP3756609 B1 |
|      |                                        | [13] | B                        |

[25] EN

[21] 42021023289.8 [22] 06.01.2021

[30] 26.06.2019 US,16/452,737

[54] SYSTEM FOR NEURONAVIGATION REGISTRATION AND ROBOTIC  
TRAJECTORY GUIDANCE, ROBOTIC SURGERY, AND RELATED DEVICES  
用於神經導航登記和機器人軌道制導、機器人手術以及相關設備的系統

[73] Globus Medical, Inc.  
Valley Forge Business Center 2560 General Armistead Avenue  
Audubon, PA 19403  
UNITED STATES OF AMERICA

[72] CAMERON, Hayden  
MANTZAVINOS, Spiros  
CRAWFORD, Neil R.  
JOSHI, Sanjay  
JOHNSON, Norbert  
CASCARANO, Mr. James  
LARSON, Justin

[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] | A61B 34/37 | [11] | 40033542     |
|      | A61B 34/30 |      | EP3756609 B1 |
|      |            | [13] | B            |

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| [51] | A61B 90/00 | [11] | 40033542     |
|      | A61B 34/30 |      | EP3756609 B1 |
|      |            | [13] | B            |

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| [51] | A61F 13/00 | [11] | 1261624      |
|      | A61F 5/00  |      | EP3454797 B1 |
|      |            | [13] | B            |

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| [51] | A61F 13/02 | [11] | 1261623      |
|      | A61F 5/00  |      | EP3454796 B1 |
|      |            | [13] | B            |

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| [51] | A61F 13/02 | [11] | 1261624      |
|      | A61F 5/00  |      | EP3454797 B1 |
|      |            | [13] | B            |

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| [51] | A61F 2/04 | [11] | 1186087      |
|      | A61F 2/82 |      | EP2600800 B1 |
|      |           | [13] | B            |

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| [51] | A61F 2/34 | [11] | 1220887      |
|      |           |      | EP2976045 B1 |
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[25] EN

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| [21] | 16108762.1 | [22] | 21.07.2016 |
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[86] 21.03.2014 PCT/US2014/031487

[87] 25.09.2014 WO2014/153530

[30] 21.03.2013 US,US201361803803P

[54] SYSTEMS, METHODS OF MAKING, AND DEVICES RELATED TO PATIENT-  
ADAPTED HIP JOINT IMPLANTS

與適用於患者的髖關節植入物相關的系統、其製造方法和裝置

- [73] ConforMIS, Inc.  
600 Technology Park Drive  
Billerica, MA 01821  
UNITED STATES OF AMERICA
- [72] Farid KHALILI  
Philipp LANG
- [74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG

- 
- [51] A61F 2/38 [11] 1261586  
CN109195552 B  
[13] B
- [25] ZH
- [21] 19121456.8 [22] 26.03.2019
- [86] 16.02.2017 PCT/US2017/018058
- [87] 19.10.2017 WO2017/180234
- [30] 11.04.2016 US,15/096,209
- [54] SYSTEM FOR SIDE INSERTION OF A BICONDYLAR MINI KNEE IMPLANT  
用於雙髌微型膝部植入物的側向插入的系統
- [73] JOINT INNOVATION TECHNOLOGY, LLC  
联合创新技术有限责任公司  
6537 Via Rose, Boca Raton, FL 33433  
UNITED STATES OF AMERICA
- [72] TERMANINI, Zafer 扎菲爾·特曼尼尼
- [74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED  
Unit 503, 5/F., Tower 2, Lippo Centre  
89 Queensway, Admiralty  
HONG KONG

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- [51] A61F 2/82 [11] 1186087  
A61M 27/00 EP2600800 B1  
A61M 25/00  
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[13] B
- [25] EN
- [21] 13113505.6 [22] 04.12.2013
- [86] 05.08.2011 PCT/US2011/046843
- [87] 09.02.2012 WO2012/019155
- [30] 05.08.2010 US,US20100371139P
- [54] URETERAL STENT DRUG DELIVERY DEVICE AND KIT  
輸尿管支架的藥物遞送裝置和套件

[73] Taris Biomedical LLC  
113 Hartwell Ave  
Lexington, MA 02421  
UNITED STATES OF AMERICA

[72] LARRIVÉE-ELKINS, Cheryl  
LEE, Heejin  
BOYKO, Jim  
HUTCHINS, III, Burleigh, M.

[74] SFKS CK Kwong, Solicitors  
17th Floor, Chu Kong Shipping Tower  
No. 143 Connaught Road Central  
HONG KONG

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[51] A61F 5/00 [11] 1261623  
A61F 5/44 EP3454796 B1  
A61F 5/445  
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A61F 13/02  
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[21] 19121497.2 [22] 26.03.2019

[86] 09.12.2016 PCT/US2016/065774

[87] 04.05.2017 WO2017/075634

[30] 12.05.2016 US,62/335,110

[54] MULTI-PETALED MOUNTING MEMBERS FOR OSTOMY POUCHES  
用於 OSTOMY POUCHES 的多層安裝構件

[73] Marlen Manufacturing And Development Co.  
5150 Richmond Road, Bedford, OH 44146  
UNITED STATES OF AMERICA

[72] FENTON, Gary H.

[74] MINTERELLISON LLP  
Level 32, Wu Chung House  
213 Queen's Road East  
HONG KONG

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[51] A61F 5/00 [11] 1261624  
A61F 5/44 EP3454797 B1  
A61F 5/445  
A61F 5/448  
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[21] 19121498.0 [22] 26.03.2019

- [86] 09.12.2016 PCT/US2016/065787  
[87] 26.05.2017 WO2017/087993  
[30] 12.05.2016 US,62/335,208  
[54] MOUNTING ASSEMBLIES FOR OSTOMY APPLIANCES COMPRISING AN  
ADHESIVE SKIN BARRIER MEMBER HAVING A MULTI-PETALED OUTER  
PERIMETER  
用於包含具有多層外層圍護結構的粘合劑皮膚屏障構件的外科器械的安裝組件  
[73] Marlen Manufacturing And Development Co.  
5150 Richmond Road, Bedford, OH 44146  
UNITED STATES OF AMERICA  
[72] FENTON, Gary, H.  
[74] MINTERELLISON LLP  
Level 32, Wu Chung House  
213 Queen's Road East  
HONG KONG
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|------|-----------|------|--------------|
| [51] | A61F 5/44 | [11] | 1261623      |
|      | A61F 5/00 |      | EP3454796 B1 |
|      |           | [13] | B            |
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| [51] | A61F 5/44 | [11] | 1261624      |
|      | A61F 5/00 |      | EP3454797 B1 |
|      |           | [13] | B            |
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| [51] | A61F 5/443 | [11] | 1261623      |
|      | A61F 5/00  |      | EP3454796 B1 |
|      |            | [13] | B            |
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| [51] | A61F 5/443 | [11] | 1261624      |
|      | A61F 5/00  |      | EP3454797 B1 |
|      |            | [13] | B            |
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|------|------------|------|--------------|
| [51] | A61F 5/445 | [11] | 1261623      |
|      | A61F 5/00  |      | EP3454796 B1 |
|      |            | [13] | B            |
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| [51] | A61F 5/445 | [11] | 1261624      |
|      | A61F 5/00  |      | EP3454797 B1 |
|      |            | [13] | B            |

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| [51] | A61F 5/448 | [11] | 1261623      |
|      | A61F 5/00  |      | EP3454796 B1 |
|      |            | [13] | B            |

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| [51] | A61F 5/448 | [11] | 1261624      |
|      | A61F 5/00  |      | EP3454797 B1 |
|      |            | [13] | B            |

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| [51] | A61J 3/07 | [11] | 1213535      |
|      | B65B 1/04 |      | EP2925611 B1 |
|      |           | [13] | B            |

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|------|-------------|------|--------------|
| [51] | A61K 31/198 | [11] | 1213535      |
|      | B65B 1/04   |      | EP2925611 B1 |
|      |             | [13] | B            |

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| [51] | A61K 31/351  | [11] | 1260003      |
|      | A61K 31/736  |      | EP3368031 B1 |
|      | A61P 31/00   |      |              |
|      | A61K 31/4745 |      |              |
|      | A61K 31/7036 |      |              |
|      |              | [13] | B            |

[25] EN

|      |            |      |            |
|------|------------|------|------------|
| [21] | 19119680.7 | [22] | 19.02.2019 |
|------|------------|------|------------|

[86] 20.10.2016 PCT/GB2016/053277

[87] 04.05.2017 WO2017/072488

[30] 27.10.2015 GB,1518969.9

[54] TRIPLE COMBINATION COMPRISING 4-METHYL-8-PHENOXY-1-(2-PHENYLETHYL)-2,3-DIHYDRO-1H-PYRROLO[3,2-C]QUINOLINE, MUPIROCIN AND NEOMYCIN  
包含 4-甲基-8-苯氧基-1-(2-苯基乙基)-2,3-二氫-1H-吡咯並[3,2-C]喹啉、  
莫匹羅星和新黴素的三重組合

[73] Helperby Therapeutics Limited  
66 Lincoln's Inn Fields



London WC2A 3LH  
UNITED KINGDOM

[72] Anthony COATES  
Yanmin HU

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4439 | [11] | 1256752      |
|      | C07D 401/04  |      | EP3334719 B1 |
|      |              | [13] | B            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4745 | [11] | 1260003      |
|      | A61K 31/351  |      | EP3368031 B1 |
|      |              | [13] | B            |

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|------|------------|------|--------------|
| [51] | A61K 31/55 | [11] | 1209336      |
|      | A61P 25/14 |      | EP2872145 B1 |
|      |            | [13] | B            |

[25] EN

[21] 15110081.2 [22] 14.10.2015

[86] 12.07.2013 PCT/US2013/050337

[87] 16.01.2014 WO2014/012034

[30] 12.07.2012 US, 61/671,044

[54] FUSED BENZAZEPINES FOR TREATMENT OF TOURETTE'S SYNDROME  
用於治療妥瑞氏綜合征的稠合苯並氮雜環庚三烯

[73] Emalex Biosciences, Inc.  
330 North Wabash Avenue, Suite 3500  
Chicago, Illinois 60611  
UNITED STATES OF AMERICA

[72] KWAN, Rudolf  
CHIPKIN, Richard, E.

[74] IT&T INTERNATIONAL PATENT AND TRADEMARK AGENT LIMITED  
1/F, Everglory Centre  
1B Kimberley Street, Tsim Sha Tsui, Kowloon  
HONG KONG

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/7036 | [11] | 1260003      |
|      | A61K 31/351  |      | EP3368031 B1 |

[13] B

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[51] A61K 31/736 [11] 1260003  
A61K 31/351 EP3368031 B1

[13] B

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[51] A61K 31/737 [11] 1210425  
A61K 47/61 CN104619352 B

[13] B

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[51] A61K 35/50 [11] 40007162  
A61K 9/00 EP3468571 B1  
A61P 11/00  
A61P 11/06

[13] B

[25] EN

[21] 19130674.5 [22] 10.10.2019

[86] 13.06.2017 PCT/US2017/037251

[87] 21.12.2017 WO2017/218535

[30] 13.06.2016 US, 62/349,352  
11.10.2016 US, 15/290,271

[54] AMNIOTIC FLUID FORMULATION FOR TREATMENT OF LUNG DISORDERS  
用於治療肺部疾病的羊水製劑

[73] Mam Holdings Of West Florida, L.L.C.  
1972 MacGregor Road  
Tarpon Springs, FL 34689  
UNITED STATES OF AMERICA

[72] HARRELL, Carl, Randall

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

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[51] A61K 38/17 [11] 1210425  
A61K 47/61 CN104619352 B

[13] B

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 38/57 | [11] | 1210425       |
|      | A61K 47/61 |      | CN104619352 B |
|      |            | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/00 | [11] | 40001896     |
|      | C07K 16/28 |      | EP3423495 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 39/35 | [11] | 40028441     |
|      | C07K 16/18 |      | EP3660047 B1 |
|      |            | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 40006081     |
|      | C07K 16/28  |      | EP3523332 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 47/60  | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 47/61  | [11] | 1210425       |
|      | A61K 31/737 |      | CN104619352 B |
|      | A61K 38/17  |      |               |
|      | A61K 38/57  |      |               |
|      | A61P 17/02  |      |               |
|      | A61P 27/02  |      |               |
|      | A61P 19/02  |      |               |
|      | A61P 19/10  |      |               |
|      | A61P 29/00  |      |               |
|      | A61P 37/02  |      |               |
|      | A61P 37/08  |      |               |
|      | A61P 37/06  |      |               |
|      | A61P 31/00  |      |               |
|      | A61L 31/16  |      |               |
|      | A61L 31/10  |      |               |
|      | A61L 27/34  |      |               |
|      | A61L 27/54  |      |               |
|      | C07K 14/81  |      |               |
|      | C07K 14/47  |      |               |

[13] B

[25] ZH

[21] 15111254.1 [22] 13.11.2015

[86] 10.07.2013 PCT/US2013/049983

[87] 16.01.2014 WO2014/011813

[30] 11.07.2012 US,61/670,571

[54] COMPOSITIONS CONTAINING HC-HA/PTX3 COMPLEXES AND METHODS OF  
USE THEREOF

含有 HC-HA/PTX3 複合物的組合物及其使用方法

[73] TISSUETECH, INC.

組織技術公司

8305 NW 27th Street

Suite 101, Doral

FL 33122

UNITED STATES OF AMERICA

[72] HE, Hua 賀華

TSENG, Scheffer 謝弗·曾

TIGHE, Sean 尚恩·泰伊

ZHANG, Suzhen 素珍·張

ZHU, Ying-Tieng 英騰·朱

[74] IT&amp;T INTERNATIONAL PATENT AND TRADEMARK AGENT LIMITED

1/F, Everglory Centre

1B Kimberley Street, Tsim Sha Tsui, Kowloon

HONG KONG

[51] A61K 8/06 [11] 1256129  
A61K 8/64 CN108601721 B

[13] B

[51] A61K 8/64 [11] 1256129  
A61K 8/06 CN108601721 B  
A61K 8/65  
A61K 8/9711  
A61K 8/9794  
A61K 8/9789  
A61Q 19/00  
A61Q 19/08

[13] B

[25] ZH

[21] 18115210.2 [22] 28.11.2018

[86] 26.01.2017 PCT/US2017/015007

[87] 17.08.2017 WO2017/139099

[30] 11.02.2016 US,15/041602

[54] METHODS AND COMPOSITIONS FOR STIMULATING COLLAGEN SYNTHESIS  
IN SKIN CELLS

用於刺激皮膚細胞中的膠原合成的方法和組合物

[73] ELC MANAGEMENT LLC  
155 PINELAWN ROAD  
SUITE 345 SOUTH, MELVILLE, NY 11747  
UNITED STATES OF AMERICA

[72] PERNODET, Nadine  
CORALLO, Krystle

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

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61K 8/65 | [11] | 1256129       |
|      | A61K 8/64 |      | CN108601721 B |
|      |           | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 8/9711 | [11] | 1256129       |
|      | A61K 8/64   |      | CN108601721 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 8/9789 | [11] | 1256129       |
|      | A61K 8/64   |      | CN108601721 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 8/9794 | [11] | 1256129       |
|      | A61K 8/64   |      | CN108601721 B |
|      |             | [13] | B             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 9/00 | [11] | 1213535      |
|      | B65B 1/04 |      | EP2925611 B1 |
|      |           | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/00  | [11] | 40007162     |
|      | A61K 35/50 |      | EP3468571 B1 |
|      |            | [13] | B            |

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|------|------------------------|------|-------------------------|
| [51] | A61K 9/14<br>B65B 1/04 | [11] | 1213535<br>EP2925611 B1 |
|      |                        | [13] | B                       |

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|------|------------------------|------|-------------------------|
| [51] | A61K 9/16<br>B65B 1/04 | [11] | 1213535<br>EP2925611 B1 |
|      |                        | [13] | B                       |

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|------|------------------------|------|-------------------------|
| [51] | A61K 9/48<br>B65B 1/04 | [11] | 1213535<br>EP2925611 B1 |
|      |                        | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61L 27/34<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61L 27/54<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61L 31/10<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61L 31/16<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|------|-------------------------|------|-------------------------|
| [51] | A61M 25/00<br>A61F 2/82 | [11] | 1186087<br>EP2600800 B1 |
|      |                         | [13] | B                       |

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| [51] | A61M 27/00 | [11] | 1186087      |
|      | A61F 2/82  |      | EP2600800 B1 |

[13] B

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 1/00   | [11] | 1256752      |
|      | C07D 401/04 |      | EP3334719 B1 |

[13] B

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 11/00 | [11] | 1085911      |
|      | A61P 17/02 |      | EP1587540 B1 |
|      | A61P 17/06 |      |              |
|      | A61P 19/02 |      |              |
|      | A61P 27/02 |      |              |
|      | A61P 29/00 |      |              |

[13] B

[25] EN

[21] 06105004.7 [22] 26.04.2006

[86] 09.01.2004 PCT/US04/000643

[87] 29.07.2004 WO04/063351

[30] 09.01.2003 US,439498P

19.03.2003 US,456041P

23.10.2003 US,514549P

[54] IDENTIFICATION AND ENGINEERING OF ANTIBODIES WITH VARIANT Fc  
REGIONS AND METHODS OF USING SAME

具有變體 Fc 片段的抗體的鑒定和工程化以及使用這種抗體的方法

[73] MacroGenics, Inc.  
9704 Medical Center Drive  
Rockville, MD 20850  
UNITED STATES OF AMERICA

[72] STAVENHAGEN, Jeffrey  
VIJH, Sujata

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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|      |             |      |               |
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| [51] | A61P 11/00  | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |

[13] B

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|------|------------|------|--------------|
| [51] | A61P 11/00 | [11] | 40007162     |
|      | A61K 35/50 |      | EP3468571 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 11/06 | [11] | 1213535      |
|      | B65B 1/04  |      | EP2925611 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 11/06 | [11] | 40007162     |
|      | A61K 35/50 |      | EP3468571 B1 |
|      |            | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 13/12  | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 17/00  | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 17/02 | [11] | 1085911      |
|      | A61P 11/00 |      | EP1587540 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 17/02 | [11] | 1210425       |
|      | A61K 47/61 |      | CN104619352 B |
|      |            | [13] | B             |

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|------|------------|------|--------------|
| [51] | A61P 17/06 | [11] | 1085911      |
|      | A61P 11/00 |      | EP1587540 B1 |
|      |            | [13] | B            |

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|------|---------------------------|------|-------------------------|
| [51] | A61P 17/06<br>C07D 401/04 | [11] | 1256752<br>EP3334719 B1 |
|      |                           | [13] | B                       |

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|      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| [51] | A61P 19/02<br>A61P 11/00 | [11] | 1085911<br>EP1587540 B1 |
|      |                          | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 19/02<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 19/10<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 25/00<br>C12N 15/115 | [11] | 1256789<br>CN108148840 B |
|      |                           | [13] | B                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61P 25/00<br>C07D 295/205 | [11] | 40009165<br>EP3541807 B1 |
|      |                            | [13] | B                        |

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|      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| [51] | A61P 25/14<br>A61K 31/55 | [11] | 1209336<br>EP2872145 B1 |
|      |                          | [13] | B                       |

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|      |                         |      |                         |
|------|-------------------------|------|-------------------------|
| [51] | A61P 25/16<br>B65B 1/04 | [11] | 1213535<br>EP2925611 B1 |
|      |                         | [13] | B                       |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 27/02 | [11] | 1085911      |
|      | A61P 11/00 |      | EP1587540 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 27/02 | [11] | 1210425       |
|      | A61K 47/61 |      | CN104619352 B |
|      |            | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 29/00 | [11] | 1085911      |
|      | A61P 11/00 |      | EP1587540 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 29/00 | [11] | 1210425       |
|      | A61K 47/61 |      | CN104619352 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61P 29/00   | [11] | 40009165     |
|      | C07D 295/205 |      | EP3541807 B1 |
|      |              | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 3/10   | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/00 | [11] | 1210425       |
|      | A61K 47/61 |      | CN104619352 B |
|      |            | [13] | B             |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 31/00<br>C12N 15/115 | [11] | 1256789<br>CN108148840 B |
|      |                           | [13] | B                        |

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|------|---------------------------|------|-------------------------|
| [51] | A61P 31/00<br>A61K 31/351 | [11] | 1260003<br>EP3368031 B1 |
|      |                           | [13] | B                       |

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|      |                           |      |                         |
|------|---------------------------|------|-------------------------|
| [51] | A61P 35/00<br>C07D 401/04 | [11] | 1256752<br>EP3334719 B1 |
|      |                           | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07K 16/28 | [11] | 40006081<br>EP3523332 B1 |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 35/02<br>C07K 16/28 | [11] | 40001896<br>EP3423495 B1 |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 37/02<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 37/04<br>C07K 16/28 | [11] | 40006081<br>EP3523332 B1 |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 37/06<br>A61K 47/61 | [11] | 1210425<br>CN104619352 B |
|      |                          | [13] | B                        |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 37/08 | [11] | 1210425       |
|      | A61K 47/61 |      | CN104619352 B |
|      |            | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/08 | [11] | 40028441     |
|      | C07K 16/18 |      | EP3660047 B1 |
|      |            | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 7/00   | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |             |      |               |
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| [51] | A61P 9/00   | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 1256789       |
|      | C12N 15/115 |      | CN108148840 B |
|      |             | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/00 | [11] | 1256129       |
|      | A61K 8/64  |      | CN108601721 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61Q 19/08 | [11] | 1256129       |
|      | A61K 8/64  |      | CN108601721 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63F 13/35 | [11] | 40022299      |
|      | A63F 13/70 |      | CN111068332 B |
|      |            | [13] | B             |

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[51] A63F 13/42 [11] 40028101  
A63F 13/56 CN111672113 B  
[13] B

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[51] A63F 13/426 [11] 40021454  
A63F 13/837 CN110732135 B  
G06F 3/01 [13] B

[25] ZH

[21] 42020011285.2 [22] 15.07.2020

[54] METHOD AND DEVICE FOR DISPLAYING VIRTUAL SCENE, ELECTRONIC  
EQUIPMENT STORAGE MEDIUM

虛擬場景顯示方法、裝置、電子設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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35/F, Tencent Building

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Nanshan District, Shenzhen, Guangdong 518057

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[72] LIU, Zhihong 刘智洪

[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 13/426 [11] 40022154  
A63F 13/5372 CN110917616 B  
A63F 13/837 [13] B

[25] ZH

[21] 42020012220.8 [22] 23.07.2020

[54] METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM FOR PROMPTING  
ORIENTATION IN VIRTUAL SCENE

虛擬場景中的方位提示方法、裝置、設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[51] A63F 13/52 [11] 40034947  
A63F 13/5378 CN112121419 B  
A63F 13/55

[13] B

[25] ZH

[21] 42021025078.3 [22] 05.02.2021

[54] METHOD AND APPARATUS FOR CONTROLLING VIRTUAL OBJECT,  
ELECTRONIC DEVICE AND STORAGE MEDIUM  
虛擬對象控制方法、裝置、電子設備以及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[72] WANG, JIEMEI 王洁梅

WEN, SHAGUO 温少国

LI, XUDONG 李旭冬

ZHOU, DAJUN 周大军

WANG, JUNLE 王君乐

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[51] A63F 13/5372 [11] 40022154  
A63F 13/426 CN110917616 B

[13] B

|      |                                                                                                                                                                                                                                                |      |                           |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/5372<br>A63F 13/5378<br>A63F 13/837                                                                                                                                                                                                    | [11] | 40023610<br>CN111265869 B |
|      |                                                                                                                                                                                                                                                | [13] | B                         |
| [25] | ZH                                                                                                                                                                                                                                             |      |                           |
| [21] | 42020013759.4                                                                                                                                                                                                                                  | [22] | 13.08.2020                |
| [54] | METHOD AND APPARATUS FOR DETECTING VIRTUAL OBJECTS, TERMINAL<br>AND STORAGE MEDIUM<br>虛擬對象的檢測方法、裝置、終端及存儲介質                                                                                                                                     |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park<br>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, ZHI HONG 刘智洪                                                                                                                                                                                                                              |      |                           |
| [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] | A63F 13/5378<br>A63F 13/5372 | [11] | 40023610<br>CN111265869 B |
|      |                              | [13] | B                         |

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| [51] | A63F 13/5378<br>G06F 3/01 | [11] | 40025837<br>CN111414080 B |
|      |                           | [13] | B                         |

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|------|----------------------------|------|---------------------------|
| [51] | A63F 13/5378<br>A63F 13/52 | [11] | 40034947<br>CN112121419 B |
|      |                            | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | A63F 13/55<br>A63F 13/52 | [11] | 40034947<br>CN112121419 B |
|      |                          | [13] | B                         |

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|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/56<br>A63F 13/42                                                                                                                                                                                                                       | [11] | 40028101<br>CN111672113 B |
|      |                                                                                                                                                                                                                                                | [13] | B                         |
| [25] | ZH                                                                                                                                                                                                                                             |      |                           |
| [21] | 42020018623.7                                                                                                                                                                                                                                  | [22] | 21.10.2020                |
| [54] | METHOD AND APPARATUS FOR SELECTING VIRTUAL OBJECT, DEVICE AND STORAGE MEDIUM<br>虛擬對象的選擇方法、裝置、設備及存儲介質                                                                                                                                           |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park<br>Nanshan District, Shenzhen, Guangdong 518057<br>CHINA<br>中國<br>廣東省深圳市南山區高新區科技中一路<br>騰訊大廈 35 層 |      |                           |
| [72] | WAN, YULIN 萬鈺林<br>HU, XUN 胡勛<br>SU, SHANDONG 粟山東                                                                                                                                                                                               |      |                           |
| [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] | A63F 13/56<br>A63F 13/577 | [11] | 40028571<br>CN111672125 B |
|      |                           | [13] | B                         |

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/577<br>A63F 13/56                                                                                                                     | [11] | 40028571<br>CN111672125 B |
|      |                                                                                                                                               | [13] | B                         |
| [25] | ZH                                                                                                                                            |      |                           |
| [21] | 42020018778.9                                                                                                                                 | [22] | 22.10.2020                |
| [54] | VIRTUAL OBJECT INTERACTION METHOD AND RELATED DEVICE<br>一種虛擬對象交互的方法以及相關裝置                                                                     |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park |      |                           |



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[72] FENG, QIYAO 冯啟垚

[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 13/70 | [11] | 40022299      |
|      | A63F 13/35 |      | CN111068332 B |
|      |            | [13] | B             |

[25] ZH

[21] 42020012605.0 [22] 27.07.2020

[54] GAME ROUND MANAGEMENT METHOD, APPARATUS AND ELECTRONIC  
DEVICE, AND STORAGE MEDIUM

遊戲對局管理方法、裝置、電子設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

腾讯科技(深圳)有限公司

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[72] CHEN, Xiangpeng 陈湘鹏

ZHU, Fuping 朱福平

LI, Longteng 李龙腾

[74] 集佳知識產權有限公司

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| [51] | A63F 13/837 | [11] | 40021454      |
|      | A63F 13/426 |      | CN110732135 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/837 | [11] | 40022154      |
|      | A63F 13/426 |      | CN110917616 B |
|      |             | [13] | B             |

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|------|--------------|------|---------------|
| [51] | A63F 13/837  | [11] | 40023610      |
|      | A63F 13/5372 |      | CN111265869 B |
|      |              | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/837 | [11] | 40025837      |
|      | G06F 3/01   |      | CN111414080 B |
|      |             | [13] | B             |

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| [51] | B01D 53/62 | [11] | 1258888       |
|      | A01D 44/00 |      | CN108347884 B |
|      |            | [13] | B             |

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| [51] | B01J 13/00 | [11] | 1262368       |
|      | C04B 41/45 |      | CN108794064 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | B01J 8/06  | [11] | 40008369      |
|      | C02F 1/461 |      | CN109715284 B |
|      | C02F 1/467 |      |               |
|      | G01F 1/40  |      |               |
|      | F15C 1/06  |      |               |
|      | G05D 9/12  |      |               |
|      |            | [13] | B             |

[25] ZH

|      |            |      |            |
|------|------------|------|------------|
| [21] | 19131848.4 | [22] | 04.11.2019 |
|------|------------|------|------------|

[86] 01.09.2017 PCT/US2017/049972

[87] 08.03.2018 WO2018/045355

[30] 02.09.2016 US, 62/383,092

[54] CONFIGURATION FOR ELECTROCHEMICAL WATER TREATMENT

用於電化學水處理的配置裝置

[73] BIOIONIX, INC.

比奧伊奧尼克斯公司

4603 Triangle Street

McFarland, Wisconsin 53558  
UNITED STATES OF AMERICA

[72] HALE, Brian, R. 布赖恩·R·黑尔

VOGEL, Jeremy 杰里米·沃格尔

[74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED

Suite 617, Lakeside 2

No. 10 Science Park West Avenue, Hong Kong Science Park,  
Shatin, N.T.

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|      |            |      |              |
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| [51] | B25F 1/04  | [11] | 40024428     |
|      | B26B 17/00 |      | EP3616846 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B26B 17/00 | [11] | 40024428     |
|      | B25F 1/04  |      | EP3616846 B1 |
|      |            | [13] | B            |

[25] EN

[21] 42020015072.0 [22] 31.07.2018

[30] 01.06.2016 US,201615170456

[62] 31.07.2018 18109879.7

[54] MULTIPURPOSE TOOL HAVING ACCESSIBLE TOOL MEMBERS  
具有易獲得的工具元件的多用工具

[73] Leatherman Tool Group, Inc.  
12106 N.E. Ainsworth Circle  
Portland, OR 97220  
UNITED STATES OF AMERICA

[72] Adam LAZENBY  
Benjamin Rivera  
Jeffrey Castro

[74] DEACONS  
5th Floor, Alexandra House  
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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B29C 65/70 | [11] | 1261078       |
|      | A47K 13/30 |      | CN109153191 B |
|      | F16B 5/07  |      |               |
|      | F16B 5/08  |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 19120940.2 [22] 14.03.2019

- [86] 16.11.2017 PCT/JP2017/041310  
[87] 24.05.2018 WO2018/092851  
[30] 18.11.2016 JP,2016-225390  
[54] RESIN PRODUCT  
樹脂製品  
[73] KODAMA CHEMICAL INDUSTRY CO., LTD.  
兒玉化學工業株式會社  
1-2-2, Nihonbashi Hongoku-cho  
Chuo-ku Tokyo 103-0021  
JAPAN  
[72] SEKIYAMA Masayoshi 關山 政義  
[74] CHAN, TANG & KWOK  
Rooms 2503-4, 25/F, Shanghai Industrial Investment Building  
48-62 Hennessy Road, Wanchai  
HONG KONG
- 

- [51] B60K 35/00 [11] 40052603  
B60K 37/00 EP3873760 B1  
B60R 13/02  
B62D 25/14  
B60R 16/023  
B60R 16/03  
[13] B  
[25] EN  
[21] 62021042218.9 [22] 10.11.2021  
[86] 11.09.2020 PCT/IB2020/058458  
[87] 18.03.2021 WO2021/048805  
[30] 13.09.2019 IT,102019000016313  
[54] CONDUCTIVE MULTILAYER PANEL FOR THE COCKPIT OF VEHICLES, IN  
PARTICULAR MOTOR VEHICLES  
用於車輛、特別是機動車輛的駕駛艙的傳導多層面板  
[73] MARTUR ITALY S.R.L.  
Via Monte di Pietà 19  
20121 Milano  
ITALY  
[72] ÜSTÜNBERK, Can  
SCALTRITO, Luciano  
[74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
HONG KONG
- 

- [51] B60K 37/00 [11] 40052603  
B60K 35/00 EP3873760 B1

[13] B

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[51] B60N 2/58 [11] 40052596  
B60N 2/60 EP3880513 B1

[13] B

[25] EN

[21] 62021042211.4 [22] 10.11.2021

[86] 16.11.2020 PCT/IB2020/060755

[87] 27.05.2021 WO2021/099912

[30] 22.11.2019 IT,102019000021993

[54] SMART COVER FOR A VEHICLE SEAT AND VEHICLE SEAT COMPRISING  
SUCH SMART COVER

用於車輛座椅的智能套和包括這種智能套的車輛座椅

[73] MARTUR ITALY S.R.L.  
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20121 Milano  
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[72] ÜSTÜNBERK, Can

[74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
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[51] B60N 2/60 [11] 40052596  
B60N 2/58 EP3880513 B1

[13] B

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[51] B60P 3/34 [11] 40025748  
EP3686054 B1

[13] B

[25] EN

[21] 42020015541.4 [22] 07.09.2020

[30] 23.01.2019 US,16/254,832

[54] CABLE-OPERATED SLIDE-OUT ACTUATOR  
電纜運行滑出致動器[73] Lippert Components, Inc.  
3501 C.R. 6 East  
Elkhart, Indiana 46514  
UNITED STATES OF AMERICA[72] HOWIE, Mark  
ALBRECHT, Jeffrey K.

WHITHNEY, Evan  
QUIGLEY, Patrick W.

[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] | B60R 13/02 | [11] | 40052603     |
|      | B60K 35/00 |      | EP3873760 B1 |
|      |            | [13] | B            |

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|------|-------------|------|--------------|
| [51] | B60R 16/023 | [11] | 40052603     |
|      | B60K 35/00  |      | EP3873760 B1 |
|      |             | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B60R 16/03 | [11] | 40052603     |
|      | B60K 35/00 |      | EP3873760 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B60T 7/12  | [11] | 40039528      |
|      | B60W 40/09 |      | CN112141119 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B60W 40/09 | [11] | 40039528      |
|      | B60W 50/14 |      | CN112141119 B |
|      | B60T 7/12  |      |               |
|      |            | [13] | B             |

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[25] ZH

[21] 42021029697.6 [22] 21.04.2021

[54] AN INTELLIGENT DRIVING CONTROL METHOD AND DEVICE, VEHICLE,  
ELECTRONIC APPARATUS AND STORAGE MEDIUM  
智能駕駛控制方法及裝置、車輛、電子設備和存儲介質

[73] Shanghai SenseTime Lingang Intelligent Technology Co., Ltd.  
上海商湯臨港智能科技有限公司  
中國  
200232 上海市自由貿易試驗區臨港新片區  
泥城鎮秋山路 1775 弄 29、30 號 2 樓 01 室

[72] WU, Jun 伍俊  
FAN, Yiqing 范亦卿  
TAO, Ying 陶瑩  
XU, Liang 許亮  
QI, Kaiyue 祁凱悅

[74] 范紀羅江律師行  
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灣仔港灣道 6-8 號  
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|------|--------------------------|------|---------------------------|
| [51] | B60W 50/14<br>B60W 40/09 | [11] | 40039528<br>CN112141119 B |
|      |                          | [13] | B                         |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | B62D 25/14<br>B60K 35/00 | [11] | 40052603<br>EP3873760 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------|
| [51] | B65B 1/04<br>A61K 31/198<br>A61K 9/48<br>A61K 9/14<br>A61K 9/00<br>A61J 3/07<br>B65B 63/02<br>B65B 1/36<br>B65B 1/26<br>B65B 1/16<br>B65B 43/42<br>B65B 31/00<br>A61K 9/16<br>A61P 11/06<br>A61P 25/16 | [11] | 1213535<br>EP2925611 B1 |
|      |                                                                                                                                                                                                        | [13] | B                       |

[25] EN

|      |            |      |            |
|------|------------|------|------------|
| [21] | 16101648.6 | [22] | 16.02.2016 |
|------|------------|------|------------|

[86] 08.11.2013 PCT/US2013/069104

[87] 15.05.2014 WO2014/074796

[30] 09.11.2012 US, 61/724,781  
16.11.2012 US, 13/679,245  
18.07.2013 US, 13/945,160  
30.09.2013 US, 61/884,436

30.09.2013 US,61/884,319

30.09.2013 US,61/884,315

[54] DOSATOR FOR FILLING A CAPSULE WITH POWDER  
用粉末填充膠囊的劑量分配器

[73] Civitas Therapeutics, Inc.  
420 Saw Mill River Road  
Ardsley, NY 10502  
UNITED STATES OF AMERICA

[72] Ernest, D. PENACHIO  
Kyle LAVIGNE

[74] DEACONS  
5th Floor, Alexandra House  
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|------|-----------|------|--------------|
| [51] | B65B 1/16 | [11] | 1213535      |
|      | B65B 1/04 |      | EP2925611 B1 |
|      |           | [13] | B            |

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|      |           |      |              |
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| [51] | B65B 1/26 | [11] | 1213535      |
|      | B65B 1/04 |      | EP2925611 B1 |
|      |           | [13] | B            |

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| [51] | B65B 1/36 | [11] | 1213535      |
|      | B65B 1/04 |      | EP2925611 B1 |
|      |           | [13] | B            |

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| [51] | B65B 31/00 | [11] | 1213535      |
|      | B65B 1/04  |      | EP2925611 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B65B 43/42 | [11] | 1213535      |
|      | B65B 1/04  |      | EP2925611 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
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| [51] | B65B 63/02 | [11] | 1213535      |
|      | B65B 1/04  |      | EP2925611 B1 |



[13] B

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[51] B65D 51/18 [11] 40011173  
CN110546077 B

[13] B

[25] ZH

[21] 62019000735.6 [22] 30.12.2019

[86] 02.03.2018 PCT/JP2018/008002

[87] 20.09.2018 WO2018/168523

[30] 15.03.2017 JP,2017-049860

[54] COMPOSITE CONTAINER LID  
複合容器蓋[73] NIPPON CLOSURES CO., LTD.  
日本克乐嘉制盖株式会社  
18-1, Higashi-Gotanda 2-chome  
Shinagawa-ku, Tokyo 141-0022  
JAPAN[72] SAHARA, TORU 佐原亨  
SUGIYAMA, TAKASHI 杉山尚  
TOMITAKA, YUJI 富高祐司  
YAMAOKA, MIKI 山岡美纪[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] B66B 11/08 [11] 1207618  
B66B 9/00 CN104418214 B

[13] B

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[51] B66B 9/00 [11] 1207618  
B66B 11/08 CN104418214 B

[13] B

[25] ZH

[21] 15108332.3 [22] 27.08.2015

[30] 26.08.2013 EP,13181678.7

[54] AN ELEVATOR  
電梯[73] KONE Corporation  
通力股份公司

Kartanontie 1, 00330 Helsinki  
FINLAND

[72] Petteri Valjus P·瓦爾朱斯

[74] LIU, SHEN & ASSOCIATES

Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 1/00  | [11] | 1258888       |
|      | A01D 44/00 |      | CN108347884 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 1/461 | [11] | 40008369      |
|      | B01J 8/06  |      | CN109715284 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 1/467 | [11] | 40008369      |
|      | B01J 8/06  |      | CN109715284 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C02F 3/32  | [11] | 1258888       |
|      | A01D 44/00 |      | CN108347884 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | C04B 41/45 | [11] | 1262368       |
|      | B01J 13/00 |      | CN108794064 B |
|      | C08J 9/35  |      |               |
|      | C08J 9/40  |      |               |
|      | F16L 59/02 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 19121602.7 [22] 18.08.2015

[30] 10.08.2012 US, 61/682,198  
13.03.2013 US, 13/800,551

[62] 18.08.2015 15107968.6

[54] SEGMENTED GEL COMPOSITES AND RIGID PANELS MANUFACTURED  
THEREFROM

分段之膠體復合物及從該復合物製造之剛性面板

- [73] Aspen Aerogels, Inc.  
斯攀气凝胶公司  
30 Forbes Road, Building B, Northborough, MA 01532  
UNITED STATES OF AMERICA
- [72] EVANS, Owen R O·R·埃文斯  
MELNIKOVA, Irene I·梅爾尼科娃
- [74] LI Wing Hong  
20/F., Central Tower  
28 Queen's Road Central  
HONG KONG

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- [51] C07C 57/15 [11] 40009165  
C07D 295/205 EP3541807 B1
- [13] B

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- [51] C07D 295/205 [11] 40009165  
C07C 57/15 EP3541807 B1  
A61P 29/00  
A61P 25/00
- [13] B

[25] EN

[21] 19132685.9 [22] 25.11.2019

[86] 15.11.2017 PCT/US2017/061875

[87] 24.05.2018 WO2018/093953

[30] 16.11.2016 US,62/423,126

[54] A CRYSTALLINE FORM OF A MAGL INHIBITOR  
一種 MAGL 抑制劑的結晶形式

[73] H. Lundbeck A/S  
Ottiliavej 9, DK 2500 Valby  
DENMARK

[72] GRICE, Cheryl A.  
JONES, Todd K.  
GRIMM, Kurt G.  
BLANKMAN, Jacqueline Lorayne  
BEALS, Channing Rodney

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

- 
- [51] C07D 401/04 [11] 1256752  
C07D 401/14 EP3334719 B1  
C07D 405/14  
A61K 31/4439  
A61P 1/00

A61P 17/06  
A61P 35/00

[13] B

[25] EN

[21] 18115832.0 [22] 11.12.2018

[86] 12.08.2016 PCT/CA2016/050952

[87] 16.02.2017 WO2017/024412

[30] 12.08.2015 US,201562204178P  
04.07.2016 US,201662358101P[54] SUBSTITUTED BENZIMIDAZOLES, THEIR PREPARATION AND THEIR USE  
AS PHARMACEUTICALS

取代的苯並咪唑，它們的製備和它們作為藥物的用途

[73] NEOMED INSTITUTE  
7171 RUE FREDERICK-BANTING  
MONTREAL, QC H4S 1Z9  
CANADA[72] POURASHRAF, Mehrnaz  
JACQUEMOT, Guillaume  
CLARIDGE, Stephen  
BAYRAKDARIAN, Malken  
JOHNSTONE, Shawn  
ALBERT, Jeffrey S.  
GRIFFIN, Andrew[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG[51] C07D 401/14 [11] 1256752  
C07D 401/04 EP3334719 B1

[13] B

[51] C07D 405/14 [11] 1256752  
C07D 401/04 EP3334719 B1

[13] B

[51] C07K 14/01 [11] 1261197  
C12Q 1/68 EP3436471 B1  
C12N 9/14

[13] B

[25] EN

[21] 19121081.4 [22] 18.03.2019

[86] 28.03.2017 PCT/US2017/024451

[87] 05.10.2017 WO2017/172699

[30] 28.03.2016 US,62/314,273

[54] RECOMBINASE MUTANTS

重組酶突變

[73] Illumina, Inc.

5200 Illumina Way

San Diego, CA 92122

UNITED STATES OF AMERICA

[72] Matthew William KELLINGER

[74] DEACONS

5th Floor, Alexandra House

Central

HONG KONG

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[51] C07K 14/47

A61K 47/61

[11] 1210425

CN104619352 B

[13] B

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[51] C07K 14/81

A61K 47/61

[11] 1210425

CN104619352 B

[13] B

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[51] C07K 16/18

A61K 39/35

A61P 37/08

[11] 40028441

EP3660047 B1

[13] B

[25] EN

[21] 42020018328.3

[22] 19.10.2020

[30] 03.05.2012 US,61/642,083

24.10.2012 US,61/718,044

14.03.2013 US,61/783,312

[54] HUMAN ANTIBODIES TO FEL D1 AND METHODS OF USE THEREOF

針對 FEL D1 的人源抗體及其使用方法

[73] REGENERON PHARMACEUTICALS, INC.

瑞澤恩製藥公司

777 Old Saw Mill River Road

Tarrytown, NY 10591-6707

UNITED STATES OF AMERICA

[72] ORENGO, Jamie

MURPHY, Andrew J.

[74] JUN HE LAW OFFICES

Suite 3701-10, 37th Floor, Jardine House

1 Connaught Place, Central  
HONG KONG

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[51] C07K 16/28 [11] 40001896  
A61K 39/00 EP3423495 B1  
A61P 35/02  
[13] B

[25] EN

[21] 19125099.2 [22] 12.06.2019

[86] 28.02.2017 PCT/IL2017/050256  
[87] 08.09.2017 WO2017/149538

[30] 01.03.2016 US,201662301727P  
21.07.2016 US,201662364924P

[54] ANTIBODIES SPECIFIC TO HUMAN POLIOVIRUS RECEPTOR (PVR)  
人脊髓灰質炎病毒受體 (PVR) 特異性抗體

[73] Yissum Research Development Company of The Hebrew University  
of Jerusalem Ltd.  
Hi Tech Park, Edmond J. Safra Campus  
Givat Ram P.O. Box 39135, 91390 Jerusalem  
ISRAEL

University Of Rijeka Faculty Of Medicine  
B. Branchetta 20  
51000 Rijeka  
CROATIA

[72] MANDELBOIM Ofer  
KAYNAN, Noa S.  
TSUKERMAN, Pinchas  
JONJIC, Stipan

[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] C07K 16/28 [11] 40006081  
A61K 39/395 EP3523332 B1  
A61P 35/00  
A61P 37/04  
[13] B

[25] EN

[21] 19129620.1 [22] 13.09.2019

[86] 05.01.2018 PCT/IB2018/000043  
[87] 12.07.2018 WO2018/127787

[30] 06.01.2017 US,62/443,281

[54] ANTI-HUMAN 4-1 BB ANTIBODIES AND USE THEREOF  
抗人類 4-1 BB 抗體及其用途

[73] Eutilex Co., Ltd.  
Suite 1401  
Daeryung Technotown 17 Cha  
25 Gasan Digital 1-ro  
Geumcheon-gu  
Seoul 08594  
REPUBLIC OF KOREA

[72] Byoung S. KWON  
Seoung-Joo LEE  
Young Ho KIM  
Ho-Sik OH  
Joong Won LEE

[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] C07K 7/08 [11] 40006957  
C12N 15/11 EP3464323 B1  
C12N 15/63  
C12N 9/22

[13] B

[25] EN

[21] 19130403.9 [22] 02.10.2019

[86] 26.05.2017 PCT/US2017/034862

[87] 30.11.2017 WO2017/205846

[30] 27.05.2016 US, 62/342,823  
13.09.2016 US, 62/394,140  
27.03.2017 US, 62/477,357

[54] PEPTIDES AND NANOPARTICLES FOR INTRACELLULAR DELIVERY OF  
GENOME-EDITING MOLECULES  
用於基因組編輯分子的細胞內遞送的肽和納米顆粒

[73] AADIGEN, LLC  
1343 LUNA VISTA DRIVE, PACIFIC PALISADES, CA 90272  
UNITED STATES OF AMERICA

[72] DIVITA, GILLES  
DESAI, NEIL

[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] C08J 9/35 [11] 1262368  
C04B 41/45 CN108794064 B

[13] B

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| [51] | C08J 9/40  | [11] | 1262368       |
|      | C04B 41/45 |      | CN108794064 B |

[13] B

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C09K 3/14 | [11] | 40016358      |
|      | D21D 1/00 |      | CN110453520 B |

[13] B

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C12M 1/00 | [11] | 1255279       |
|      | C12Q 1/70 |      | CN108026591 B |

[13] B

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|      |            |      |               |
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| [51] | C12N 15/09 | [11] | 1255279       |
|      | C12Q 1/70  |      | CN108026591 B |

[13] B

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| [51] | C12N 15/11 | [11] | 40006957     |
|      | C07K 7/08  |      | EP3464323 B1 |

[13] B

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|------|-------------|------|---------------|
| [51] | C12N 15/115 | [11] | 1256789       |
|      | A61K 47/60  |      | CN108148840 B |
|      | A61P 13/12  |      |               |
|      | A61P 29/00  |      |               |
|      | A61P 25/00  |      |               |
|      | A61P 17/00  |      |               |
|      | A61P 7/00   |      |               |
|      | A61P 9/00   |      |               |
|      | A61P 11/00  |      |               |
|      | A61P 31/00  |      |               |
|      | A61P 3/10   |      |               |
|      | A61P 9/10   |      |               |

[13] B

[25] ZH

[21] 18115872.1 [22] 11.12.2018



- [30] 14.02.2005 US,11/058,134
- [54] APTAMER THERAPEUTICS USEFUL IN THE TREATMENT OF COMPLEMENT-RELATED DISORDERS  
用於治療補體-相關失調的適體治療
- [73] ARCHEMIX LLC  
阿切埃米克斯股份有限公司  
620 Montgomery Street, Suite 2020, San Francisco, CA 94111  
UNITED STATES OF AMERICA
- [72] BENEDICT, Claude 克勞德·本尼蒂特  
EPSTEIN, David 大衛·愛潑斯坦  
WILSON, Charles 查爾斯·威爾遜  
GRATE, Dilara 迪拉爾·格拉特  
KURZ, Jeffrey 杰弗里·庫爾茲  
KURZ, Markus 馬克斯·庫爾茲  
MCCAULEY, Thomas, Green 托馬斯·格瑞恩·卡尤利  
ROTTMAN, James 詹姆斯·羅特曼
- [74] GLOBAL ZEN IP SERVICES LIMITED  
Room 1707, 17th Floor Beverly House  
93-107 Lockhart Road, Wanchai  
HONG KONG

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- |      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | C12N 15/63<br>C07K 7/08 | [11] | 40006957<br>EP3464323 B1 |
|      |                         | [13] | B                        |
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|------|-------------------------|------|-------------------------|
| [51] | C12N 9/14<br>C07K 14/01 | [11] | 1261197<br>EP3436471 B1 |
|      |                         | [13] | B                       |
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|------|------------------------|------|--------------------------|
| [51] | C12N 9/22<br>C07K 7/08 | [11] | 40006957<br>EP3464323 B1 |
|      |                        | [13] | B                        |
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|------|-------------------------|------|-------------------------|
| [51] | C12Q 1/68<br>C07K 14/01 | [11] | 1261197<br>EP3436471 B1 |
|      |                         | [13] | B                       |
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[51] C12Q 1/6844 [11] 1255279  
C12Q 1/70 CN108026591 B  
[13] B

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[51] C12Q 1/6858 [11] 1255279  
C12Q 1/70 CN108026591 B  
[13] B

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[51] C12Q 1/70 [11] 1255279  
C12Q 1/6844 CN108026591 B  
C12Q 1/6858  
C12M 1/00  
C12N 15/09  
[13] B

[25] ZH

[21] 18114439.0 [22] 12.11.2018

[86] 17.09.2015 PCT/US2015/050811

[87] 24.03.2016 WO2016/044664

[30] 17.09.2014 US, PCT/US2014/056151

17.09.2014 US, 62/051, 945

17.09.2014 US, 62/051, 912

24.10.2014 US, 62/068, 605

24.10.2014 US, 62/068, 603

22.04.2015 US, 62/151, 358

[54] DIAGNOSTIC METHODS AND COMPOSITIONS

診斷方法和組合物

[73] Labrador Diagnostics LLC

拉布拉多診斷有限責任公司

1209 Orange Street

Wilmington, Delaware 19801

UNITED STATES OF AMERICA

[72] P·帕特爾

I·吳

A·理查德森

K·貝爾霍欽

J·李

S·塔巴克曼

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE

Unit F, 20th Floor, Neich Tower

128 Gloucester Road

HONG KONG

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[51] D21D 1/00 [11] 40016358  
D21H 11/18 CN110453520 B  
C09K 3/14  
[13] B

[25] ZH

[21] 42020006586.0 [22] 27.04.2020

[30] 15.05.2014 EP,14290145.3

[54] METHODS FOR MANUFACTURING MICROFIBRILLATED CELLULOSE AND  
GRINDING MEDIUM, AND PARTICULATE CERAMIC GRINDING MEDIUM  
製造微纖化纖維素和研磨介質的方法、顆粒陶瓷研磨介質

[73] FIBERLEAN TECHNOLOGIES LIMITED  
纤维精益技术有限公司  
Par Moor Centre, Par Moor Road Par  
Cornwall PL24 2SQ United Kingdom  
UNITED KINGDOM

[72] Tafadzwa MOTSI T·莫特斯  
David Robert SKUSE 戴维·罗伯特·斯丘斯  
Jean André ALARY J·A·艾莱依  
Andreas BORGER A·博格  
Neil ROWSON N·罗森  
Thomas Richard SKUSE T·R·斯丘斯

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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[51] D21H 11/18 [11] 40016358  
D21D 1/00 CN110453520 B  
[13] B

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[51] E05B 37/00 [11] 40005240  
E05B 67/24 CN110118036 B  
[13] B

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[51] E05B 37/02 [11] 40005240  
E05B 67/24 CN110118036 B  
[13] B

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| [51] | E05B 67/24<br>E05B 37/00<br>E05B 37/02                                                                                                                                              | [11] | 40005240<br>CN110118036 B |
|      |                                                                                                                                                                                     | [13] | B                         |
| [25] | ZH                                                                                                                                                                                  |      |                           |
| [21] | 19128621.0                                                                                                                                                                          | [22] | 23.08.2019                |
| [30] | 06.02.2018 US,15/889,364                                                                                                                                                            |      |                           |
| [54] | DUAL UNLOCKING MODE PADLOCK<br>雙重解鎖模式掛鎖                                                                                                                                             |      |                           |
| [73] | THE SUN LOCK COMPANY LTD.<br>特新實業有限公司<br>Room 5, Block C, 16/F Hang Wai Industrial Center, 6 Kin Tai<br>Street, Tuen Mun, N.T.<br>HONG KONG<br>香港<br>新界屯門建泰街 6 號恒威工業大廈 C 座 16 樓 5 室 |      |                           |
| [72] | 黎國豪                                                                                                                                                                                 |      |                           |
| [74] | 中港專利有限公司<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] | E05F 15/70<br>G01P 15/00 | [11] | 1260701<br>CN108508231 B |
|      |                          | [13] | B                        |

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| [51] | F15C 1/06<br>B01J 8/06 | [11] | 40008369<br>CN109715284 B |
|      |                        | [13] | B                         |

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| [51] | F16B 5/07<br>B29C 65/70 | [11] | 1261078<br>CN109153191 B |
|      |                         | [13] | B                        |

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|------|-------------------------|------|--------------------------|
| [51] | F16B 5/08<br>B29C 65/70 | [11] | 1261078<br>CN109153191 B |
|      |                         | [13] | B                        |

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[51] F16L 59/02 [11] 1262368  
C04B 41/45 CN108794064 B  
[13] B

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[51] G01D 4/00 [11] 1253884  
H04W 4/20 CN108141719 B  
[13] B

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[51] G01F 1/40 [11] 40008369  
B01J 8/06 CN109715284 B  
[13] B

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[51] G01N 33/487 [11] 40016118  
CN110366680 B  
[13] B

[25] ZH

[21] 62020006284.7 [22] 22.04.2020

[86] 12.02.2018 PCT/US2018/017762

[87] 23.08.2018 WO2018/152050

[30] 14.02.2017 US, 62/458,840

[54] APPARATUS AND METHODS FOR CONTINUOUS DIAGNOSTICS OF  
MACROMOLECULES

用於大分子的連續診斷的設備和方法

[73] Axbio Inc.

阿克斯比尔公司

3350 Scott Boulevard, Building 9

Santa Clara, CA 95054

UNITED STATES OF AMERICA

[72] IVANOV, Igor 伊戈尔·伊万诺夫

NIU, Licheng 牛立程

CHUEH, Albert 艾伯特·楚恩

TIAN, Hui 田辉

DENG, Suhua 邓素华

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED

Unit 503, 5/F., Tower 2, Lippo Centre

89 Queensway, Admiralty

HONG KONG

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- [51] G01P 15/00 [11] 1260701  
G05B 19/04 CN108508231 B  
E05F 15/70  
H04L 67/12  
[13] B
- [25] ZH
- [21] 19120559.0 [22] 06.03.2019
- [30] 28.02.2017 EP,17158372.7
- [54] A DEVICE, SYSTEM, AND METHOD FOR GENERATING INFORMATION  
REPRESENTING A CONDITION OF AN AUTOMATIC DOOR  
用於生成表示自動門的狀態的信息的設備、系統和方法
- [73] KONE CORPORATION  
通力股份公司  
KARTANONTIE 1, FI-00330 HELSINKI  
FINLAND
- [72] Jouko Kinnari J•坎納裡  
Olli Parviainen O•帕維安  
Matti Laakso M•拉克索
- [74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
18 Harcourt Road, Admiralty  
HONG KONG
- 
- [51] G04B 13/02 [11] 40039713  
CN111796502 B  
[13] B
- [25] ZH
- [21] 42021029301.5 [22] 14.04.2021
- [30] 03.04.2019 EP,19166951.4
- [54] MECHANICAL BRAKING DEVICE FOR A HOROLOGICAL MOBILE COMPONENT  
用於鐘錶移動部件的機械制動設備
- [73] ETA SA MANUFACTURE HORLOGÈRE SUISSE  
SCHILD-RUST-STRASSE 17  
CH-2540 GRENCHEN  
SWITZERLAND
- [72] IVAN VILLAR  
ANNE PHILIPPS
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG
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|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G04R 20/04<br>G04R 20/06<br>G04R 40/06<br>H04J 3/06                                                                                                                                                                                            | [11] | 40042960<br>CN112666820 B |
|      |                                                                                                                                                                                                                                                | [13] | B                         |
| [25] | ZH                                                                                                                                                                                                                                             |      |                           |
| [21] | 42021032565.0                                                                                                                                                                                                                                  | [22] | 04.06.2021                |
| [54] | TIME CORRECTION METHOD, TERMINAL DEVICE, ELECTRONIC DEVICE<br>AND STORAGE MEIDUM<br>時間修正方法、終端設備、電子設備及存儲介質                                                                                                                                      |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park<br>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>騰訊大廈 35 层 |      |                           |
| [72] | CHU, CHAO 儲超                                                                                                                                                                                                                                   |      |                           |
| [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] | G04R 20/06<br>G04R 20/04 | [11] | 40042960<br>CN112666820 B |
|      |                          | [13] | B                         |

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| [51] | G04R 40/06<br>G04R 20/04 | [11] | 40042960<br>CN112666820 B |
|      |                          | [13] | B                         |

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| [51] | G05B 19/04<br>G01P 15/00 | [11] | 1260701<br>CN108508231 B |
|      |                          | [13] | B                        |

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|------|------------------------|------|---------------------------|
| [51] | G05D 9/12<br>B01J 8/06 | [11] | 40008369<br>CN109715284 B |
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[13] B

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[51] G06F 15/167 [11] 40001204  
H04L 29/08 CN109479068 B

[13] B

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[51] G06F 16/172 [11] 40051262  
H04L 29/08 CN113259494 B

[13] B

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[51] G06F 16/182 [11] 40051262  
H04L 29/08 CN113259494 B

[13] B

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[51] G06F 16/245 [11] 40041559  
G06F 16/29 CN112650772 B  
G06V 20/10

[13] B

[25] ZH

[21] 42021032299.6 [22] 03.06.2021

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

數據處理方法、裝置、存儲介質及計算機設備

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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| [51] | G06F 16/2455<br>G06F 16/248<br>G06F 16/27<br>G06F 21/64                                                              | [11] | 40044728<br>CN112214519 B |
|      |                                                                                                                      | [13] | B                         |
| [25] | ZH                                                                                                                   |      |                           |
| [21] | 42021034802.5                                                                                                        | [22] | 09.07.2021                |
| [54] | DATA QUERY METHOD, DEVICE AND EQUIPMENT AND READABLE MEDIUM<br>一種數據查詢方法、裝置、設備及可讀介質                                   |      |                           |
| [73] | ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.<br>支付宝(杭州)信息技术有限公司<br>中國<br>浙江省杭州市<br>西湖区西溪路 556 号 8 层 B 段 801-11 |      |                           |
| [72] | 韩喆                                                                                                                   |      |                           |
| [74] | 博思佳知識產權代理有限公司<br>香港<br>新界大埔荔枝山山塘路 8 號<br>天鑽 15 座 1 樓 H 室                                                             |      |                           |

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| [51] | G06F 16/248<br>G06F 16/2455 | [11] | 40044728<br>CN112214519 B |
|      |                             | [13] | B                         |

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|------|----------------------------|------|---------------------------|
| [51] | G06F 16/27<br>G06F 16/2455 | [11] | 40044728<br>CN112214519 B |
|      |                            | [13] | B                         |

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| [51] | G06F 16/29<br>G06F 16/245 | [11] | 40041559<br>CN112650772 B |
|      |                           | [13] | B                         |

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|      |                           |      |                           |
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| [51] | G06F 16/35<br>G06F 40/166 | [11] | 40026280<br>CN111414737 B |
|      |                           | [13] | B                         |

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| [51] | G06F 16/53  | [11] | 40050110      |
|      | G06F 16/583 |      | CN113254696 B |
|      |             | [13] | B             |

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| [51] | G06F 16/583 | [11] | 40050110      |
|      | G06F 16/53  |      | CN113254696 B |
|      | G06V 10/44  |      |               |
|      | G06V 10/75  |      |               |
|      | G06K 9/62   |      |               |
|      |             | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021041079.1 | [22] | 22.10.2021 |
|------|---------------|------|------------|

[54] COVER IMAGE ACQUISITION METHOD AND DEVICE  
一種封面圖像獲取方法及裝置

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[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] | G06F 16/906  | [11] | 40053635      |
|      | G06F 16/9535 |      | CN113641916 B |
|      |              | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/9535 | [11] | 40037947      |
|      | H04L 67/55   |      | CN112398947 B |
|      |              | [13] | B             |

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| [51] | G06F 16/9535 | [11] | 40053635      |
|      | G06F 16/9537 |      | CN113641916 B |
|      | G06F 16/9538 |      |               |
|      | G06F 16/906  |      |               |
|      |              | [13] | B             |

[25] ZH

[21] 42021043953.5 [22] 08.12.2021

[54] A CONTENT RECOMMENDATION METHOD, DEVICE, ELECTRONIC EQUIPMENT  
AND STORAGE MEDIUM  
一種內容推薦方法、裝置、電子設備和存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] 梁瀚明  
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趙忠  
傅妍玫  
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何新昇

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[51] G06F 16/9537 [11] 40053635  
G06F 16/9535 CN113641916 B  
[13] B

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[51] G06F 16/9538 [11] 40053635  
G06F 16/9535 CN113641916 B  
[13] B

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[51] G06F 16/957 [11] 1254211  
G06F 9/445 CN107943805 B  
G06T 13/00  
[13] B

[25] ZH

[21] 18113351.6 [22] 18.10.2018

[54] ANIMATION RENDERING AND RELEASE METHOD AND APPARATUS  
一種動畫渲染及發布方法、裝置

[73] Alibaba Group Holding Limited  
阿里巴巴集團控股有限公司  
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[72] Li LIU 劉力

[74] 三友知識產權代理有限公司  
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[51] G06F 21/32 [11] 40010714  
G06V 40/16 CN110008673 B

[13] B

[25] ZH

[21] 42019000351.7 [22] 24.12.2019

[54] IDENTITY AUTHENTICATION METHOD AND DEVICE BASED ON FACE  
RECOGNITION

一種基於人臉識別的身份鑒權方法和裝置

[73] Advanced New Technologies Co., Ltd.

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[74] 博思佳知識產權代理有限公司

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[51] G06F 21/46 [11] 1260761  
G06F 21/83 CN108710810 B

[13] B

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[51] G06F 21/55 [11] 40028423  
G06F 21/57 CN111046380 B  
G06K 9/62

[13] B

[25] ZH

[21] 42020018309.3 [22] 19.10.2020

[54] METHOD AND SYSTEM FOR ENHANCING ANTI-ATTACK CAPABILITY OF  
MODEL BASED ON ADVERSARIAL SAMPLES

一種基於對抗樣本增強模型抗攻擊能力的方法和系統

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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| [51] | G06F 21/57 | [11] | 40028423      |
|      | G06F 21/55 |      | CN111046380 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | G06F 21/60 | [11] | 40028008      |
|      | G06F 21/62 |      | CN111027083 B |
|      | G06N 20/00 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42020018080.0 [22] 14.10.2020

[54] PRIVATE DATA PROCESSING METHOD AND SYSTEM  
一種私有數據處理方法及系統

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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| [51] | G06F 21/62 | [11] | 40028008      |
|      | G06F 21/60 |      | CN111027083 B |
|      |            | [13] | B             |

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| [51] | G06F 21/62<br>G06N 3/04<br>G06N 3/08<br>G06N 20/00                                                                   | [11] | 40028628<br>CN111125760 B |
|      |                                                                                                                      | [13] | B                         |
| [25] | ZH                                                                                                                   |      |                           |
| [21] | 42020019038.7                                                                                                        | [22] | 27.10.2020                |
| [54] | MODEL TRAINING AND PREDICTION METHOD AND SYSTEM FOR<br>PROTECTING DATA PRIVACY<br>保護數據隱私的模型訓練、預測方法及其系統               |      |                           |
| [73] | ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.<br>支付宝(杭州)信息技术有限公司<br>中國<br>浙江省杭州市<br>西湖区西溪路 556 号 8 层 B 段 801-11 |      |                           |
| [72] | 周俊                                                                                                                   |      |                           |
| [74] | 博思佳知識產權代理有限公司<br>香港<br>香港新界大埔荔枝山山塘路 8 號<br>天鑽 15 座 1 樓 H 室                                                           |      |                           |

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| [51] | G06F 21/62<br>G06F 9/52 | [11] | 40035936<br>CN111580982 B |
|      |                         | [13] | B                         |

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| [51] | G06F 21/64<br>G06F 9/52 | [11] | 40035936<br>CN111580982 B |
|      |                         | [13] | B                         |

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| [51] | G06F 21/64<br>G06Q 40/04 | [11] | 40042419<br>CN112037057 B |
|      |                          | [13] | B                         |

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|------|----------------------------|------|---------------------------|
| [51] | G06F 21/64<br>G06F 16/2455 | [11] | 40044728<br>CN112214519 B |
|      |                            | [13] | B                         |

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|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51]  | G06F 21/83<br>G06F 21/46<br>G07F 19/00                                                                                                                                                                                                         | [11] | 1260761<br>CN108710810 B  |
|       |                                                                                                                                                                                                                                                | [13] | B                         |
| [25]  | ZH                                                                                                                                                                                                                                             |      |                           |
| [21]  | 19120636.6                                                                                                                                                                                                                                     | [22] | 07.03.2019                |
| [54]  | PASSWORD OBTAINING METHOD AND TERMINAL AND TRANSACTION EQUIPMENT<br>一種密碼的獲取方法、交易設備和終端                                                                                                                                                          |      |                           |
| [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]  | CAI, Hua 才華                                                                                                                                                                                                                                    |      |                           |
| [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                                                                                 |      |                           |
| <hr/> |                                                                                                                                                                                                                                                |      |                           |
| [51]  | G06F 3/01<br>A63F 13/426                                                                                                                                                                                                                       | [11] | 40021454<br>CN110732135 B |
|       |                                                                                                                                                                                                                                                | [13] | B                         |
| <hr/> |                                                                                                                                                                                                                                                |      |                           |
| [51]  | G06F 3/01<br>A63F 13/5378<br>A63F 13/837                                                                                                                                                                                                       | [11] | 40025837<br>CN111414080 B |
|       |                                                                                                                                                                                                                                                | [13] | B                         |
| [25]  | ZH                                                                                                                                                                                                                                             |      |                           |
| [21]  | 42020015818.6                                                                                                                                                                                                                                  | [22] | 10.09.2020                |
| [54]  | METHOD AND DEVICE FOR DISPLAYING LOCATION OF VIRTUAL OBJECT, APPARATUS AND STORAGE MEDIUM<br>虛擬對象的位置顯示方法、裝置、設備及存儲介質                                                                                                                            |      |                           |
| [73]  | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park<br>Nanshan District, Shenzhen, Guangdong 518057<br>CHINA<br>中國<br>廣東省深圳市南山區高新區科技中一路<br>騰訊大廈 35 層 |      |                           |

[72] YANG, JINHAO 杨金昊  
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[74] 集佳知識產權有限公司  
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[51] G06F 3/0485 [11] 40025918  
G06F 9/451 CN111399731 B

[13] B

[25] ZH

[21] 42020015961.4 [22] 11.09.2020

[54] IMAGE OPERATION INTENTION PROCESSING METHOD, RECOMMENDATION  
METHOD AND APPARATUS, ELECTRONIC DEVICE AND STORAGE MEDIUM  
圖片的操作意圖處理方法、推薦方法、裝置、電子設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] G06F 30/327 [11] 40041937  
CN112632881 B

[13] B

[25] ZH

[21] 42021032249.1 [22] 03.06.2021

[54] QUANTUM CLIFFORD CIRCUIT FAULT-TOLERANT CALCULATION METHOD  
AND APPARATUS, DEVICE, AND CHIP  
量子克里福德電路的容錯計算方法、裝置、設備及芯片

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] G06F 40/166 [11] 40026280  
G06F 40/289 CN111414737 B  
G06F 16/35

[13] B

[25] ZH

[21] 42020016022.4 [22] 11.09.2020

[54] STORY GENERATION MODEL TRAINING METHOD, APPARATUS, DEVICE,  
AND STORAGE MEDIUM

故事生成模型訓練方法、裝置、設備及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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金雞廣場 12 層 1201 室

[51] G06F 40/289 [11] 40026280  
G06F 40/166 CN111414737 B  
[13] B

|      |                                                                                                                                                                                                                                                |      |                           |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G06F 8/30<br>G06F 8/41                                                                                                                                                                                                                         | [11] | 40021672<br>CN110795074 B |
|      |                                                                                                                                                                                                                                                | [13] | B                         |
| [25] | ZH                                                                                                                                                                                                                                             |      |                           |
| [21] | 42020012067.3                                                                                                                                                                                                                                  | [22] | 22.07.2020                |
| [54] | APPLICATION DATA PROCESSING METHOD, DEVICE, COMPUTER<br>EQUIPMENT AND STORAGE MEDIUM<br>應用數據處理方法、裝置、計算機設備和存儲介質                                                                                                                                 |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park<br>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] | LEI, ZHIQIANG 雷志强<br>LIU, CHANG 刘畅                                                                                                                                                                                                             |      |                           |
| [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 8/41<br>G06F 8/30 | [11] | 40021672<br>CN110795074 B |
|      |                        | [13] | B                         |

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| [51] | G06F 9/445<br>G06F 16/957 | [11] | 1254211<br>CN107943805 B |
|      |                           | [13] | B                        |

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| [51] | G06F 9/451<br>G06F 3/0485 | [11] | 40025918<br>CN111399731 B |
|      |                           | [13] | B                         |

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| [51] | G06F 9/451<br>H04L 67/55 | [11] | 40037947<br>CN112398947 B |
|      |                          | [13] | B                         |

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| [51] | G06F 9/52<br>G06F 21/62<br>G06F 21/64<br>G06Q 40/02<br>G06Q 40/04                                                                         | [11] | 40035936<br>CN111580982 B |
|      |                                                                                                                                           | [13] | B                         |
| [25] | ZH                                                                                                                                        |      |                           |
| [21] | 42021026106.1                                                                                                                             | [22] | 22.02.2021                |
| [30] | 31.07.2019 SG,10201907064T                                                                                                                |      |                           |
| [54] | METHODS, DEVICES, AND APPARATUSES FOR DEADLOCK DETECTION IN<br>REAL-TIME GROSS SETTLEMENT SYSTEMS AND MEDIUM<br>檢測實時全額結算系統中死鎖的方法、設備、裝置和介質 |      |                           |
| [73] | Advanced New Technologies Co., Ltd.<br>创新先进技术有限公司<br>開曼群島<br>大开曼島<br>乔治镇医院路 27 号开曼企业中心                                                    |      |                           |
| [72] | 方晖<br>袁园<br>曹圣蛟                                                                                                                           |      |                           |
| [74] | 博思佳知識產權代理有限公司<br>香港<br>新界大埔荔枝山山塘路 8 號<br>天鑽 15 座 1 樓 H 室                                                                                  |      |                           |

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| [51] | G06K 9/62<br>G06V 10/80 | [11] | 40015723<br>CN110348524 B |
|      |                         | [13] | B                         |

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| [51] | G06K 9/62<br>G06F 21/55 | [11] | 40028423<br>CN111046380 B |
|      |                         | [13] | B                         |

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| [51] | G06K 9/62<br>H04L 67/55 | [11] | 40037947<br>CN112398947 B |
|      |                         | [13] | B                         |

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[51] G06K 9/62 [11] 40041561  
G06N 3/08 CN112651418 B  
[13] B

[25] ZH

[21] 42021032301.0 [22] 03.06.2021

[54] DATA CLASSIFICATION METHOD, CLASSIFIER TRAINING METHOD, AND  
SYSTEM  
數據分類方法、分類器訓練方法及系統

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] G06K 9/62 [11] 40050110  
G06F 16/583 CN113254696 B  
[13] B

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[51] G06N 20/00 [11] 40020939  
G06V 10/774 CN110766080 B  
[13] B

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[51] G06N 20/00 [11] 40028008  
G06F 21/60 CN111027083 B  
[13] B

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[51] G06N 20/00 [11] 40028628  
G06F 21/62 CN111125760 B

[13] B

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[51] G06N 3/04 [11] 40028628  
G06F 21/62 CN111125760 B

[13] B

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[51] G06N 3/04 [11] 40030079  
G10L 15/00 CN111816159 B

[13] B

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[51] G06N 3/08 [11] 40028628  
G06F 21/62 CN111125760 B

[13] B

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[51] G06N 3/08 [11] 40030079  
G10L 15/00 CN111816159 B

[13] B

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[51] G06N 3/08 [11] 40041561  
G06K 9/62 CN112651418 B

[13] B

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[51] G06Q 20/38 [11] 40008496  
G06Q 20/40 CN110046896 B

[13] B

[25] ZH

[21] 19132333.6 [22] 18.11.2019

[54] METHOD, NODE, AND SYSTEM FOR PROCESSING BLOCK  
一種區塊處理方法和節點以及系統

[73] Tencent Technology (Shenzhen) Company Limited  
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[51] G06Q 20/38

G06Q 40/04

[11] 40023135

CN110782253 B

[13] B

[25] ZH

[21] 42020013239.7

[22] 05.08.2020

[54] TRANSACTION PROCESSING METHOD, DEVICE AND EQUIPMENT BASED ON  
BLOCKCHAIN

基於區塊鏈的交易處理方法、裝置及設備

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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[51] G06Q 20/38

[11] 40026954

CN110992027 B

[13] B

[25] ZH

[21] 42020017120.5

[22] 30.09.2020

[54] EFFICIENT TRANSACTION METHOD AND DEVICE FOR REALIZING PRIVACY  
PROTECTION IN BLOCK CHAIN

在區塊鏈中實現隱私保護的高效交易方法及裝置

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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| [51] | G06Q 20/38 | [11] | 40042419      |
|      | G06Q 40/04 |      | CN112037057 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | G06Q 20/38 | [11] | 40011077      |
|      | H04L 9/06  |      | CN109937557 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/38 | [11] | 40011687      |
|      | H04L 9/06  |      | CN110089069 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 20/40 | [11] | 40008496      |
|      | G06Q 20/38 |      | CN110046896 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | G06Q 30/02 | [11] | 1258934       |
|      | G06Q 50/26 |      | CN108520432 B |
|      |            | [13] | B             |

[25] ZH

[21] 19101413.6 [22] 28.01.2019

[54] DATA PROCESSING METHOD AND APPARATUS

一種數據處理方法及裝置

[73] Advanced New Technologies Co., Ltd.

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| [51] | G06Q 30/02 | [11] | 40009017      |
|      | H04L 29/08 |      | CN109905458 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 30/06 | [11] | 40015752      |
|      |            |      | CN110348947 B |
|      |            | [13] | B             |

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[25] ZH

[21] 42020006022.6 [22] 17.04.2020

[54] OBJECT RECOMMENDATION METHOD AND DEVICE

對象推薦方法及裝置

[73] Advanced New Technologies Co., Ltd.

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|      |            |      |               |
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| [51] | G06Q 40/02 | [11] | 40035936      |
|      | G06F 9/52  |      | CN111580982 B |
|      |            | [13] | B             |

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| [51] | G06Q 40/04<br>G06Q 20/38 | [11] | 40023135<br>CN110782253 B |
|      |                          | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | G06Q 40/04<br>G06F 9/52 | [11] | 40035936<br>CN111580982 B |
|      |                         | [13] | B                         |

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|------|----------------------------|------|---------------------------|
| [51] | G06Q 40/04<br>H04L 67/1097 | [11] | 40039116<br>CN111818186 B |
|      |                            | [13] | B                         |

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|------|----------------------------------------|------|---------------------------|
| [51] | G06Q 40/04<br>G06Q 20/38<br>G06F 21/64 | [11] | 40042419<br>CN112037057 B |
|      |                                        | [13] | B                         |

[25] ZH

[21] 42021032081.8 [22] 31.05.2021

[54] BLOCKCHAIN DATA CORRECTION METHOD AND DEVICE  
區塊鏈數據的訂正方法及裝置

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.  
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| [51] | G06Q 50/26<br>G06Q 30/02 | [11] | 1258934<br>CN108520432 B |
|      |                          | [13] | B                        |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | G06Q 50/26<br>H04W 4/06 | [11] | 40029967<br>CN111277961 B |
|      |                         | [13] | B                         |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | G06T 13/00<br>G06F 16/957 | [11] | 1254211<br>CN107943805 B |
|      |                           | [13] | B                        |

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|------|--------------------------|------|---------------------------|
| [51] | G06T 3/00<br>H04N 21/233 | [11] | 40021758<br>CN111010589 B |
|      |                          | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | G06T 7/00<br>G06V 40/16 | [11] | 40024117<br>CN111460875 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | G06T 7/20<br>G06V 40/16 | [11] | 40024117<br>CN111460875 B |
|      |                         | [13] | B                         |

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|------|---------------------------|------|---------------------------|
| [51] | G06V 10/44<br>G06F 16/583 | [11] | 40050110<br>CN113254696 B |
|      |                           | [13] | B                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06V 10/46<br>G06V 40/16 | [11] | 40024117<br>CN111460875 B |
|      |                          | [13] | B                         |

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|------|---------------------------|------|---------------------------|
| [51] | G06V 10/74<br>G06V 10/774 | [11] | 40020939<br>CN110766080 B |
|      |                           | [13] | B                         |

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[51] G06V 10/75 [11] 40050110  
G06F 16/583 CN113254696 B  
[13] B

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[51] G06V 10/774 [11] 40020939  
G06V 10/74 CN110766080 B  
G06N 20/00  
[13] B

[25] ZH

[21] 42020010851.2 [22] 09.07.2020

[54] LABELED SAMPLE DETERMINATION METHOD AND DEVICE, APPARATUS AND  
STORAGE MEDIUM

一種標注樣本確定方法、裝置、設備及存儲介質

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[51] G06V 10/80 [11] 40015723  
G06V 40/10 CN110348524 B  
G06K 9/62  
[13] B

[25] ZH

[21] 42020005945.9 [22] 16.04.2020

[54] HUMAN BODY KEY POINTS DETECTION METHOD AND DEVICE, ELECTRONIC  
APPARATUS, AND STORAGE MEDIUM

一種人體關鍵點檢測方法及裝置、電子設備和存儲介質

[73] Shenzhen SenseTime Technology Co., Ltd

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | G06V 20/10<br>G06F 16/245 | [11] | 40041559<br>CN112650772 B |
|      |                           | [13] | B                         |

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|      |                         |      |                           |
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| [51] | G06V 20/52<br>H04N 7/18 | [11] | 40027858<br>CN111556294 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | G06V 20/54<br>G08G 1/01 | [11] | 40031344<br>CN111862605 B |
|      |                         | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06V 40/10<br>G06V 10/80 | [11] | 40015723<br>CN110348524 B |
|      |                          | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G06V 40/16<br>G06F 21/32 | [11] | 40010714<br>CN110008673 B |
|      |                          | [13] | B                         |

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|      |                                                    |      |                           |
|------|----------------------------------------------------|------|---------------------------|
| [51] | G06V 40/16<br>G06V 10/46<br>G06T 7/00<br>G06T 7/20 | [11] | 40024117<br>CN111460875 B |
|------|----------------------------------------------------|------|---------------------------|

[13] B

[25] ZH

[21] 42020013953.3 [22] 14.08.2020

[30] 18.01.2019 CN, 201910049830 .6

[54] IMAGE PROCESSING METHOD AND DEVICE, IMAGE EQUIPMENT AND  
STORAGE MEDIUM

圖像處理方法及裝置、圖像設備及存儲介質

[73] Beijing Sensetime Technology Development Co., Ltd.

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[51] G07B 11/00 [11] 40029967  
H04W 4/06 CN111277961 B

[13] B

[51] G07F 19/00 [11] 1260761  
G06F 21/83 CN108710810 B

[13] B

[51] G07G 1/00 [11] 40025731  
G07G 1/14 CN110880223 B

[13] B

[25] ZH

[21] 42020015525.7 [22] 07.09.2020

[54] COMMODITY SETTLEMENT METHOD, SERVER, ELECTRONIC EQUIPMENT,  
MEDIUM AND TERMINAL

商品結算方法、服務器、電子設備、介質和終端

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[51] G07G 1/14  
G07G 1/00[11] 40025731  
CN110880223 B

[13] B

[51] G08B 21/02  
H04N 7/18[11] 40027858  
CN111556294 B

[13] B

[51] G08G 1/01  
G08G 1/052  
G08G 1/065  
G08G 1/0968  
G06V 20/54[11] 40031344  
CN111862605 B

[13] B

[25] ZH

[21] 42020020861.9

[22] 26.11.2020

[54] METHOD AND APPARATUS FOR DETECTING ROAD CONDITION, ELECTRONIC  
DEVICE AND READABLE STORAGE MEDIUM  
路況檢測方法、裝置、電子設備及可讀存儲介質

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[72] YANG, YONG 阳勇

[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] | G08G 1/01                                                                                                                                                                                                                                      | [11] | 40041019<br>CN112530163 B |
|      |                                                                                                                                                                                                                                                | [13] | B                         |
| [25] | ZH                                                                                                                                                                                                                                             |      |                           |
| [21] | 42021030615.5                                                                                                                                                                                                                                  | [22] | 08.05.2021                |
| [54] | METHOD AND APPARATUS FOR PREDICTING TRAFFIC ACCIDENT,<br>ELECTRONIC DEVICE, AND STORAGE MEDIUM<br>交通事故預測方法、裝置、電子設備及存儲介質                                                                                                                        |      |                           |
| [73] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<br>35/F, Tencent Building<br>Kejizhongyi Road, Midwest District of Hi-tech Park<br>Nanshan District, Shenzhen, Guangdong 518057<br>CHINA<br>中國<br>廣東省深圳市南山區高新區科技中一路<br>騰訊大廈 35 層 |      |                           |
| [72] | LI, YOUKANG 李优康                                                                                                                                                                                                                                |      |                           |
| [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] | G08G 1/052<br>G08G 1/01 | [11] | 40031344<br>CN111862605 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | G08G 1/065<br>G08G 1/01 | [11] | 40031344<br>CN111862605 B |
|      |                         | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G08G 1/0968<br>G08G 1/01 | [11] | 40031344<br>CN111862605 B |
|      |                          | [13] | B                         |

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[51] G08G 1/16 [11] 40030701  
CN111739342 B  
[13] B

[25] ZH

[21] 42020020775.1 [22] 25.11.2020

[54] METHOD AND APPARATUS FOR AVOIDING ANTEROLATERAL VEHICLE,  
MEDIUM AND VEHICLE  
用於避讓側前方車輛的方法、裝置、介質以及車輛

[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  
Nanshan District, Shenzhen, Guangdong 518057  
CHINA  
中國  
廣東省深圳市南山區高新區科技中一路  
騰訊大廈 35 層

[72] WANG, BIN 王斌

[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 15/00 [11] 40030079  
G10L 15/18 CN111816159 B  
G10L 15/30  
G10L 15/34  
G06N 3/04  
G06N 3/08  
[13] B

[25] ZH

[21] 42020020548.2 [22] 24.11.2020

[54] LANGUAGE RECOGNITION METHOD AND RELATED DEVICE  
一種語種識別方法以及相關裝置

[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  
Nanshan District, Shenzhen, Guangdong 518057  
CHINA  
中國  
廣東省深圳市南山區高新區科技中一路  
騰訊大廈 35 層



[72] SU,DAN 苏丹  
FENG,SHULIN 冯树林

[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 15/06 | [11] | 40055214      |
|      | G10L 15/26 |      | CN113539273 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 15/18 | [11] | 40030079      |
|      | G10L 15/00 |      | CN111816159 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | G10L 15/26 | [11] | 40055214      |
|      | G10L 15/06 |      | CN113539273 B |
|      |            | [13] | B             |

[25] ZH

[21] 42021043659.8 [22] 03.12.2021

[54] SPEECH RECOGNITION METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM

一種語音識別方法、裝置、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

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中國

广东省深圳市南山区高新区科技中一路

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[72] SHI,XIAN 石宪

SUN,SINING 孙思宁

[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] | G10L 15/30 | [11] | 40030079      |
|      | G10L 15/00 |      | CN111816159 B |
|      |            | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 15/34 | [11] | 40030079      |
|      | G10L 15/00 |      | CN111816159 B |
|      |            | [13] | B             |

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|------|--------------|------|---------------|
| [51] | G10L 21/0308 | [11] | 40009998      |
|      | G10L 25/18   |      | CN110491412 B |
|      | G10L 25/27   |      |               |
|      |              | [13] | B             |

[25] ZH

[21] 19133366.5 [22] 10.12.2019

[54] SOUND SEPARATION METHOD, APPARATUS AND ELECTRONIC EQUIPMENT  
聲音分離方法和裝置、電子設備

[73] Beijing Sensetime Technology Development Co., Ltd.  
北京市商汤科技开发有限公司  
中國  
北京市  
海淀区北四环西路 58 号 11 层 1101-1117 室

[72] 徐旭东  
戴勃  
林达华

[74] 博思佳知識產權代理有限公司  
香港  
新界大埔荔枝山山塘路 8 號  
天鑽 15 座 1 樓 H 室

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G10L 25/18   | [11] | 40009998      |
|      | G10L 21/0308 |      | CN110491412 B |
|      |              | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G10L 25/27   | [11] | 40009998      |
|      | G10L 21/0308 |      | CN110491412 B |
|      |              | [13] | B             |

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[51] G10L 25/51 [11] 40024134  
H04L 47/12 CN111245734 B  
[13] B

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[51] G16B 30/10 [11] 40000214  
G16B 50/30 EP3465507 B1  
[13] B

[25] EN

[21] 19123380.8 [22] 07.05.2019

[86] 07.06.2017 PCT/US2017/036424

[87] 14.12.2017 WO2017/214320

[30] 07.06.2016 US,62/347,080  
26.09.2016 US,62/399,582  
28.10.2016 US,62/414,637  
11.01.2017 US,15/404,146  
23.02.2017 US,62/462,869  
09.03.2017 US,62/469,442  
25.04.2017 US,15/497,149

[54] GENETIC MULTI-REGION JOINT DETECTION AND VARIANT CALLING  
遺傳多區域接合檢測和變異檢出

[73] ILLUMINA, INC.  
ILLUMINA 公司  
5200 Illumina Way  
San Diego, CA 92122  
UNITED STATES OF AMERICA

[72] Pieter VAN ROOYEN  
Michael RUEHLE  
Rami MEHIO  
Gavin STONE  
Mark HAHM  
Eric OJARD  
Amnon PTASHEK

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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[51] G16B 50/30 [11] 40000214  
G16B 30/10 EP3465507 B1  
[13] B

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- [51] H04B 5/00 [11] 40033663  
CN111884683 B  
[13] B
- [25] ZH
- [21] 42021023936.4 [22] 19.01.2021
- [54] NFC DETECTION SYSTEM WITH HIGH-CONFIDENCE PERCEPTION  
CAPABILITY  
具備高可信感知能力的 NFC 檢測系統
- [73] BEIJING KEEYOO TECHNOLOGIES CO., LTD.  
北京奇禹科技有限公司  
中國  
北京市海澱區  
上地信息路 26 號 10 層 1015-92 室
- [72] 歐陽聰星  
王海忠  
宋贊
- [74] 萬慧達(亞太)諮詢有限公司  
香港  
灣仔港灣道 18 號  
中環廣場 1903 室
- 
- [51] H04B 7/185 [11] 40000020  
H04W 56/00 EP3419192 B1  
H04L 29/08  
[13] B
- [25] EN
- [21] 19123210.7 [22] 02.02.2017
- [30] 08.11.2013 US,201361901644 P  
25.03.2014 US,201414225050
- [62] 02.02.2017 17101123.9
- [54] METHOD FOR DISTRIBUTIVELY DELIVERING TWO PORTIONS OF A  
CONTENT ON TWO UPLINKS OF DIFFERENT FREQUENCIES TO A MOBILE  
COMPUTING DEVICE TRANSPORTED BY A VEHICLE IN-FLIGHT  
用於在不同頻率的兩個上行鏈路上將內容的兩個部分分發傳遞至由飛行中的運輸工  
具傳輸的移動計算設備的方法
- [73] Gogo Business Aviation LLC  
105 Edgeview Drive  
Broomfield, CO 80021  
UNITED STATES OF AMERICA
- [72] Rukmani LOGANATHAN  
Sajit SASI  
Bryan Adrian LAUER  
Patrick J. WALSH
- [74] DEACONS  
5th Floor, Alexandra House

Central  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04J 3/06  | [11] | 40042960      |
|      | G04R 20/04 |      | CN112666820 B |
|      |            | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 1/18 | [11] | 40014048      |
|      | H04L 5/14 |      | CN110268660 B |
|      |           | [13] | B             |

[25] ZH

[21] 62020003456.4 [22] 27.02.2020

[86] 09.02.2018 PCT/US2018/017660

[87] 23.08.2018 WO2018/152030

[30] 15.02.2017 IN,201741005360  
03.10.2017 US,15/724,127[54] NARROWBAND TIME-DIVISION DUPLEX FRAME STRUCTURE FOR  
NARROWBAND COMMUNICATIONS  
用於窄帶通信的窄帶時分雙工幀結構[73] QUALCOMM Incorporated  
高通股份有限公司  
5775 Morehouse Drive, San Diego  
California 92121-1714  
UNITED STATES OF AMERICA[72] SOMICHETTY, Gowrisankar G·索米切蒂  
BHATTAD, Kapil K·巴塔德  
RICO ALVARINO, Alberto A·里科阿尔瓦里尼奥  
WANG, Xiao feng X·f·王  
CHANDRASEKAR, Manikandan M·钱德拉塞卡尔[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 12/827 | [11] | 40001204      |
|      | H04L 29/08  |      | CN109479068 B |
|      |             | [13] | B             |

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|      |            |      |               |
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| [51] | H04L 25/02 | [11] | 1261862       |
|      | H04L 5/00  |      | CN108886445 B |

[13] B

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/06 | [11] | 40008707      |
|      | H04L 9/08  |      | CN109714165 B |

[13] B

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/06 | [11] | 40010317      |
|      | H04L 29/08 |      | CN110247960 B |

[13] B

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|      |            |      |              |
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| [51] | H04L 29/08 | [11] | 40000020     |
|      | H04B 7/185 |      | EP3419192 B1 |

[13] B

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|------|-------------|------|---------------|
| [51] | H04L 29/08  | [11] | 40001204      |
|      | H04L 12/827 |      | CN109479068 B |
|      | G06F 15/167 |      |               |

[13] B

[25] ZH

[21] 19124525.7 [22] 31.05.2019

[86] 26.04.2017 PCT/IB2017/000613

[87] 02.11.2017 WO2017/187268

[30] 26.04.2016 US,62/327,911

26.04.2016 US,62/327,846

26.04.2016 US,62/327,907

[54] NETWORK SLINGHOP VIA TAPESTRY SLINGSHOT

經由掛毯彈弓的網絡彈射

[73] UMBRA TECHNOLOGIES LTD.

安博科技有限公司

Suite 2006, 20th Floor, Hua Qin International Building

340 Queen's Road Central, Hong Kong, 100015

HONG KONG

[72] RUBENSTEIN, Joseph, E. J·E·魯本斯坦

[74] UNITALEN ATTORNEYS AT LAW LIMITED

RM 1201, 12/F, GOLDEN ERA PLAZA

39-55 SAI YEE ST, MONGKOK KLN

HONG KONG

[51] H04L 29/08 [11] 40009017  
G06Q 30/02 CN109905458 B  
[13] B

[25] ZH

[21] 19132301.3 [22] 15.11.2019

[30] 11.06.2012 US, 61/658,233  
09.04.2013 US, 61/810,235  
12.04.2013 AU, 2013204865

[54] APPARATUS, METHODS AND STORAGE MEDIUM TO SHARE ONLINE MEDIA  
IMPRESSIONS DATA  
共享在線媒體印象數據的設備、方法和存儲介質

[73] The Nielsen Company (US), LLC  
尼尔森(美国)有限公司  
150 North Martingale Road Schaumburg  
IL 60173 U.S.A.  
UNITED STATES OF AMERICA

[72] Amit SETH A·赛斯  
Brahmanand Reddy SHIVAMPET B·R·施瓦姆佩特

[74] SANYOU INTELLECTUAL PROPERTY LIMITED  
Flat A, 6/F, Ho Lee Commercial Building  
38-44 D'Aguilar Street, Central  
HONG KONG

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[51] H04L 29/08 [11] 40010317  
H04L 29/06 CN110247960 B  
[13] B

[25] ZH

[21] 19133806.0 [22] 18.12.2019

[54] SECURE MULTI-PARTY COMPUTING IMPLEMENTING METHOD AND DEVICE,  
COMPUTER EQUIPMENT AND STORAGE MEDIUM  
安全多方計算的實現方法、裝置、計算機設備和存儲介質

[73] Platon Co., Limited  
云图技术有限公司  
香港  
上环干诺道中 111 号  
永安中心 1703

[72] Shenglin LI 李升林  
Jun ZHANG 张军  
Zhijing FU 傅志敬  
Lilin SUN 孙立林

[74] 三友知識產權代理有限公司  
香港  
中环德己立街 38-44 号  
好利商业大厦 6 字楼 A 室

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[51] H04L 29/08 [11] 40051262  
G06F 16/172 CN113259494 B  
G06F 16/182  
[13] B

[25] ZH

[21] 42021040535.3 [22] 15.10.2021

[54] METHOD AND DEVICE FOR STORING FILE, ELECTRONIC DEVICE AND STORAGE MEDIUM  
文件存儲方法、裝置、電子設備及存儲介質

[73] 深圳市华海同创科技有限公司  
中國  
广东省深圳市南山区粤海街道  
高新南九道 99 号 A8 音乐大厦 23 层 2305 单元

[72] 郑婉腾  
黄浦

[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  
其士大厦 803 室

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[51] H04L 47/12 [11] 40024134  
H04L 65/60 CN111245734 B  
H04L 65/80  
H04L 65/1066  
G10L 25/51  
[13] B

[25] ZH

[21] 42020014032.5 [22] 17.08.2020

[54] AUDIO DATA TRANSMISSION METHOD, DEVICE, PROCESSING APPARATUS AND STORAGE MEDIUM  
音頻數據傳輸方法、裝置、處理設備及存儲介質

[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  
CHINA  
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] LIANG, JUNBIN 梁俊斌

[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  
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|------|---------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | H04L 5/00<br>H04L 25/02                                                                                                   | [11] | 1261862<br>CN108886445 B |
|      |                                                                                                                           | [13] | B                        |
| [25] | ZH                                                                                                                        |      |                          |
| [21] | 19121770.2                                                                                                                | [22] | 02.04.2019               |
| [86] | 06.02.2017 PCT/SE2017/050105                                                                                              |      |                          |
| [87] | 10.08.2017 WO2017/135886                                                                                                  |      |                          |
| [30] | 05.02.2016 US,62/291,897                                                                                                  |      |                          |
| [54] | SRS DESIGN METHOD AND APPARATUS FOR UNLICENSED CARRIERS<br>針對未授權載波的 SRS 設計方法和裝置                                           |      |                          |
| [73] | Telefonaktiebolaget LM Ericsson (publ)<br>瑞典愛立信有限公司<br>SE-164 83 Stockholm<br>SWEDEN                                      |      |                          |
| [72] | WANG, Meng 王萌<br>MUKHERJEE, Amitav 阿米塔夫·穆克吉<br>LINDQVIST, Fredrik F·林德齊維斯特<br>CHENG, Jung-Fu 鄭榮富<br>SAHLIN, Henrik 亨利克·薩林 |      |                          |
| [74] | MARKS & CLERK<br>Level 9, Cyberport 1<br>100 Cyberport Road, Pok Fu Lam<br>HONG KONG                                      |      |                          |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | H04L 5/14<br>H04L 1/18 | [11] | 40014048<br>CN110268660 B |
|      |                        | [13] | B                         |

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|      |                            |      |                           |
|------|----------------------------|------|---------------------------|
| [51] | H04L 65/1066<br>H04L 47/12 | [11] | 40024134<br>CN111245734 B |
|      |                            | [13] | B                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | H04L 65/60<br>H04L 47/12 | [11] | 40024134<br>CN111245734 B |
|      |                          | [13] | B                         |

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[51] H04L 65/80 [11] 40021758  
H04N 21/233 CN111010589 B  
[13] B

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[51] H04L 65/80 [11] 40024134  
H04L 47/12 CN111245734 B  
[13] B

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[51] H04L 67/1042 [11] 40027030  
H04L 9/32 CN110692228 B  
H04L 9/40  
[13] B

[25] ZH

[21] 62020010816.0 [22] 08.07.2020

[86] 01.03.2019 PCT/CN2019/076656

[87] 31.05.2019 WO2019/101228

[54] METHODS AND DEVICES FOR PROTECTING SENSITIVE DATA OF  
TRANSACTION ACTIVITY BASED ON SMART CONTRACT IN BLOCKCHAIN  
基於區塊鏈中智能合約保護交易活動敏感數據的方法和設備

[73] Advanced New Technologies Co., Ltd.  
创新先进技术有限公司  
開曼群島  
大开曼島  
乔治镇医院路 27 号开曼企业中心

[72] CHENG, Long 程龙  
LI, Yanpeng 李艳鹏

[74] 博思佳知識產權代理有限公司  
香港  
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[51] H04L 67/1097 [11] 40039116  
H04L 9/40 CN111818186 B  
G06Q 40/04  
[13] B

[25] ZH

[21] 42021029243.9 [22] 13.04.2021

[54] INFORMATION SHARING METHOD AND SYSTEM  
一種信息共享方法和系統

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.  
支付宝(杭州)信息技术有限公司  
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[72] 王辛民  
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|------|--------------------------|------|--------------------------|
| [51] | H04L 67/12<br>G01P 15/00 | [11] | 1260701<br>CN108508231 B |
|      |                          | [13] | B                        |

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|------|-------------------------------------------------------|------|---------------------------|
| [51] | H04L 67/55<br>G06K 9/62<br>G06F 16/9535<br>G06F 9/451 | [11] | 40037947<br>CN112398947 B |
|      |                                                       | [13] | B                         |

[25] ZH

[21] 42021028104.4 [22] 29.03.2021

[54] INFORMATION PUSH METHOD AND APPARATUS, DEVICE, AND COMPUTER-  
READABLE STORAGE MEDIUM  
一種信息推送方法、裝置、設備及計算機可讀存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] H04L 9/06 [11] 40011077  
H04L 9/08 CN109937557 B  
H04L 9/30  
H04L 9/32  
H04L 9/40  
G06Q 20/38  
[13] B

[25] ZH

[21] 62019000192.0 [22] 20.12.2019

[86] 27.11.2018 PCT/CN2018/117552

[87] 18.04.2019 WO2019/072276

[54] SYSTEM AND METHOD FOR INFORMATION PROTECTION  
用於信息保護的系統和方法

[73] Advanced New Technologies Co., Ltd.  
创新先进技术有限公司  
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[51] H04L 9/06 [11] 40011687  
H04L 9/08 CN110089069 B  
H04L 9/30  
H04L 9/32  
G06Q 20/38  
[13] B

[25] ZH

[21] 62020001011.9 [22] 06.01.2020

- [86] 27.11.2018 PCT/CN2018/117571  
[87] 18.04.2019 WO2019/072279  
[54] SYSTEM AND METHOD FOR INFORMATION PROTECTION  
用於信息保護的系統和方法  
[73] Advanced New Technologies Co., Ltd.  
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- [51] H04L 9/08 [11] 40008276  
H04L 9/32 CN109818753 B  
[13] B

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- [51] H04L 9/08 [11] 40008707  
H04L 29/06 CN109714165 B  
[13] B

[25] ZH

[21] 19131728.8 [22] 31.10.2019

[54] SECRET KEY MANAGEMENT METHOD FOR RESPECTIVELY GENERATING  
SECRET KEY COMPONENTS BY CLIENTS AND ELECTRONIC DEVICE  
客戶端各自生成密鑰分量的密鑰管理方法和電子設備

[73] Platon Co., Limited  
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上环干诺道中 111 号  
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[72] Ze YAN 颜泽  
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| [51] | H04L 9/08 | [11] | 40011077      |
|      | H04L 9/06 |      | CN109937557 B |
|      |           | [13] | B             |

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| [51] | H04L 9/08 | [11] | 40011687      |
|      | H04L 9/06 |      | CN110089069 B |
|      |           | [13] | B             |

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| [51] | H04L 9/30 | [11] | 40011077      |
|      | H04L 9/06 |      | CN109937557 B |
|      |           | [13] | B             |

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|------|-----------|------|---------------|
| [51] | H04L 9/30 | [11] | 40011687      |
|      | H04L 9/06 |      | CN110089069 B |
|      |           | [13] | B             |

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| [51] | H04L 9/32 | [11] | 40008276      |
|      | H04L 9/08 |      | CN109818753 B |
|      |           | [13] | B             |

[25] ZH

[21] 19131723.9 [22] 31.10.2019

[54] METHOD AND DEVICE FOR SELECTING ONE CLIENT TO GENERATE SECRET  
KEY FOR MULTIPLE CLIENTS AND MULTIPLE SERVERS  
擇一客戶端為多客戶端多服務器生成密鑰的方法和設備

[73] Platon Co., Limited  
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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 9/32 | [11] | 40011077      |
|      | H04L 9/06 |      | CN109937557 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 9/32 | [11] | 40011687      |
|      | H04L 9/06 |      | CN110089069 B |
|      |           | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04L 9/32    | [11] | 40027030      |
|      | H04L 67/1042 |      | CN110692228 B |
|      |              | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04L 9/40    | [11] | 40039116      |
|      | H04L 67/1097 |      | CN111818186 B |
|      |              | [13] | B             |

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|------|-----------|------|---------------|
| [51] | H04L 9/40 | [11] | 40011077      |
|      | H04L 9/06 |      | CN109937557 B |
|      |           | [13] | B             |

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| [51] | H04L 9/40    | [11] | 40027030      |
|      | H04L 67/1042 |      | CN110692228 B |
|      |              | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/103 | [11] | 40037848      |
|      | H04N 19/159 |      | CN111698501 B |
|      | H04N 19/136 |      |               |
|      | H04N 19/186 |      |               |
|      | H04N 19/176 |      |               |
|      | H04N 19/593 |      |               |

[13] B

[25] ZH

[21] 42021027756.2 [22] 19.03.2021

[54] DECODING METHOD AND DEVICE  
解碼方法及裝置[73] HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.  
杭州海康威視數字技術股份有限公司  
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[72] 陳方棟

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|------|-------------|------|---------------|
| [51] | H04N 19/105 | [11] | 40040665      |
|      | H04N 19/176 |      | CN112532989 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/124 | [11] | 40040651      |
|      | H04N 19/91  |      | CN112543338 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/126 | [11] | 40040651      |
|      | H04N 19/91  |      | CN112543338 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/136 | [11] | 40037848      |
|      | H04N 19/103 |      | CN111698501 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/159 | [11] | 40037848      |
|      | H04N 19/103 |      | CN111698501 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/159 | [11] | 40040651      |
|      | H04N 19/91  |      | CN112543338 B |
|      |             | [13] | B             |

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| [51] | H04N 19/17 | [11] | 40040651      |
|      | H04N 19/91 |      | CN112543338 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/176 | [11] | 40037848      |
|      | H04N 19/103 |      | CN111698501 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/176 | [11] | 40040651      |
|      | H04N 19/91  |      | CN112543338 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/176 | [11] | 40040665      |
|      | H04N 19/182 |      | CN112532989 B |
|      | H04N 19/503 |      |               |
|      | H04N 19/186 |      |               |
|      | H04N 19/44  |      |               |
|      | H04N 19/436 |      |               |
|      | H04N 19/105 |      |               |
|      |             | [13] | B             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021030688.2 | [22] | 08.05.2021 |
|------|---------------|------|------------|

[54] VIDEO ENCODING METHOD, VIDEO DECODING METHOD, AND RELATED DEVICE

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[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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|------|-------------|------|---------------|
| [51] | H04N 19/182 | [11] | 40040665      |
|      | H04N 19/176 |      | CN112532989 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/186 | [11] | 40037848      |
|      | H04N 19/103 |      | CN111698501 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/186 | [11] | 40040665      |
|      | H04N 19/176 |      | CN112532989 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/436 | [11] | 40040665      |
|      | H04N 19/176 |      | CN112532989 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/44  | [11] | 40040665      |
|      | H04N 19/176 |      | CN112532989 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 19/503 | [11] | 40040665      |
|      | H04N 19/176 |      | CN112532989 B |
|      |             | [13] | B             |

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| [51] | H04N 19/593 | [11] | 40037848      |
|      | H04N 19/103 |      | CN111698501 B |

[13] B

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[51] H04N 19/91 [11] 40040651  
H04N 19/124 CN112543338 B  
H04N 19/126  
H04N 19/159  
H04N 19/17  
H04N 19/176

[13] B

[25] ZH  
[21] 42021030674.2 [22] 08.05.2021  
[54] VIDEO DECODING METHOD, APPARATUS, COMPUTER READABLE MEDIUM,  
AND ELECTRONIC DEVICE  
視頻解碼方法、裝置、計算機可讀介質及電子設備  
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] WANG, LIQIANG 王力強  
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[51] H04N 21/233 [11] 40021758  
H04N 21/234 CN111010589 B  
H04N 21/235  
H04L 65/80  
G06T 3/00

[13] B

[25] ZH  
[21] 42020012324.8 [22] 23.07.2020  
[54] ARTIFICIAL INTELLIGENCE BASED LIVE BROADCAST METHOD,  
APPARATUS, DEVICE AND STORAGE MEDIUM  
基於人工智能的直播方法、裝置、設備及存儲介質  
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/234 | [11] | 40021758      |
|      | H04N 21/233 |      | CN111010589 B |
|      |             | [13] | B             |

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|      |             |      |               |
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| [51] | H04N 21/234 | [11] | 40055189      |
|      | H04N 21/44  |      | CN113473182 B |
|      |             | [13] | B             |

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[25] ZH

[21] 42021043556.6 [22] 03.12.2021

[54] VIDEO GENERATING METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM

一種視頻生成的方法及裝置、計算機設備和存儲介質

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HONG, ZHIYING 洪志鷹

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KANG, YOUWEN 康又文

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|------|-------------|------|---------------|
| [51] | H04N 21/235 | [11] | 40021758      |
|      | H04N 21/233 |      | CN111010589 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04N 21/414 | [11] | 40012731      |
|      | H04N 21/43  |      | CN110191367 B |
|      |             | [13] | B             |

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|------|-------------------------------------------------------------------------------------------------------|------|---------------|
| [51] | H04N 21/43                                                                                            | [11] | 40012731      |
|      | H04N 21/414                                                                                           |      | CN110191367 B |
|      |                                                                                                       | [13] | B             |
| [25] | ZH                                                                                                    |      |               |
| [21] | 42020002691.2                                                                                         | [22] | 13.02.2020    |
| [54] | INFORMATION SYNCHRONIZATION PROCESSING METHOD AND DEVICE AND ELECTRONIC EQUIPMENT<br>信息同步處理方法、裝置及電子設備 |      |               |
| [73] | Alibaba Group Holding Limited<br>阿里巴巴集团控股有限公司<br>開曼群島<br>英属开曼群岛<br>大开曼资本大厦一座四层 847 号邮箱                |      |               |
| [72] | Shupeng LIU 刘书鹏<br>Jianping CAI 蔡建平                                                                   |      |               |
| [74] | 三友知識產權代理有限公司<br>香港<br>中环德己立街 38-44 号<br>好利商业大厦 6 字楼 A 室                                               |      |               |

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|------|-------------|------|---------------|
| [51] | H04N 21/44  | [11] | 40055189      |
|      | H04N 21/234 |      | CN113473182 B |
|      |             | [13] | B             |

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| [51] | H04N 21/472  | [11] | 40038194      |
|      | H04N 21/4722 |      | CN112261481 B |
|      | H04N 21/4725 |      |               |

[13] B

[25] ZH

[21] 42021027613.5 [22] 18.03.2021

[54] METHOD AND APPARATUS FOR CREATING INTERACTIVE VIDEO, DEVICE  
AND READABLE STORAGE MEDIUM

互動視頻的創建方法、裝置、設備及可讀存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[51] H04N 21/4722 [11] 40038194  
H04N 21/472 CN112261481 B

[13] B

[51] H04N 21/4725 [11] 40038194  
H04N 21/472 CN112261481 B

[13] B

[51] H04N 7/18 [11] 40027858  
G08B 21/02 CN111556294 B  
G06V 20/52

[13] B

[25] ZH

[21] 42020017460.5 [22] 10.10.2020

[54] SAFETY MONITORING METHOD AND DEVICE, SERVER, TERMINAL, AND  
READABLE STORAGE MEDIUM

安全監測方法、裝置、服務器、終端及可讀存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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腾讯大厦 35 层

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SUN,LI 孙利  
YAN,XIAOYUN 颜小云  
LENG,PENGYU 冷鹏宇  
HUANG,XIANGQI 黄湘琦  
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| [51] | H04R 25/00<br>H04W 4/20 | [11] | 40017899<br>CN110574400 B |
|      |                         | [13] | B                         |

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| [51] | H04W 36/14<br>H04W 60/04 | [11] | 40024989<br>CN110915260 B |
|      |                          | [13] | B                         |

[25] ZH

[21] 62020013567.6 [22] 12.08.2020

[86] 27.04.2018 PCT/US2018/029932

[87] 22.11.2018 WO2018/212964

[30] 13.05.2017 US,62/505,904

26.04.2018 US,15/963,654

[54] METHODS AND APPARATUS FOR RELOCATION OF ACCESS AND MOBILITY  
MANAGEMENT FUNCTION (AMF)

用於對訪問和移動性管理功能進行重新定位的方法和裝置

[73] QUALCOMM Incorporated

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[51] H04W 4/06  
H04W 4/12  
H04W 4/80  
G07B 11/00  
G06Q 50/26

[11] 40029967  
CN111277961 B

[13] B

[25] ZH

[21] 42020020097.0

[22] 16.11.2020

[54] METHOD AND DEVICE FOR GUIDING USER TO USE RIDING VOUCHERS  
用於引導用戶使用乘車憑證的方法及裝置

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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[51] H04W 4/12  
H04W 4/06

[11] 40029967  
CN111277961 B

[13] B

[51] H04W 4/14  
H04W 4/20

[11] 1253884  
CN108141719 B

[13] B



[51] H04W 4/20 [11] 1253884  
H04W 4/14 CN108141719 B  
H04W 4/38  
G01D 4/00  
[13] B

[25] ZH

[21] 18113024.3 [22] 11.10.2018

[86] 19.08.2016 PCT/EP2016/069692

[87] 02.03.2017 WO2017/032707

[30] 24.08.2015 US,14/834,216

[54] OPTIMIZED SHORT MESSAGE TRANSPORT  
優化的短消息傳輸

[73] BLACKBERRY LIMITED  
黑莓有限公司  
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[51] H04W 4/20 [11] 40017899  
H04W 4/80 CN110574400 B  
H04W 76/14  
H04R 25/00  
H04W 8/00  
[13] B

[25] ZH

[21] 62020007543.5 [22] 15.05.2020

[86] 26.01.2018 PCT/US2018/015396

[87] 20.09.2018 WO2018/169607

[30] 16.03.2017 US,15/461,464

[54] CONNECTING DEVICES BASED ON SOUND  
基於聲音連接設備

[73] QUALCOMM Incorporated  
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[72] LINSKY, Joel Benjamin J·B·林斯基  
REDDING, Brian Arnold B·A·雷丁

[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
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| [51] | H04W 4/38 | [11] | 1253884       |
|      | H04W 4/20 |      | CN108141719 B |
|      |           | [13] | B             |

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| [51] | H04W 4/70  | [11] | 40043500      |
|      | H04W 52/24 |      | CN112243289 B |
|      |            | [13] | B             |

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| [51] | H04W 4/80 | [11] | 40029967      |
|      | H04W 4/06 |      | CN111277961 B |
|      |           | [13] | B             |

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| [51] | H04W 4/80 | [11] | 40017899      |
|      | H04W 4/20 |      | CN110574400 B |
|      |           | [13] | B             |

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| [51] | H04W 52/14 | [11] | 40043500      |
|      | H04W 52/24 |      | CN112243289 B |
|      |            | [13] | B             |

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| [51] | H04W 52/24 | [11] | 40043500      |
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|      | H04W 52/14 |      |               |
|      |            | [13] | B             |

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[25] ZH

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|------|---------------|------|------------|
| [21] | 42021033744.0 | [22] | 28.06.2021 |
|------|---------------|------|------------|

[30] 19.07.2019 US, 62/876,367

[54] METHOD AND APPARATUS FOR DEVICE-TO-DEVICE TRANSMIT POWER  
CONTROL

用於裝置到裝置傳送功率控制的方法和設備

- [73] ASUSTeK COMPUTER INC.  
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- [72] 李名哲  
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HONG KONG
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- [51] H04W 56/00 [11] 40000020  
H04B 7/185 EP3419192 B1
- [13] B
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- [51] H04W 56/00 [11] 40027537  
CN111096004 B
- [13] B

[25] ZH

[21] 62020017044.2 [22] 29.09.2020

[86] 07.09.2018 PCT/US2018/049833

[87] 14.03.2019 WO2019/051150

[30] 08.09.2017 US, 62/556,077

06.09.2018 US, 16/123,784

[54] METHOD AND APPARATUSES FOR SYNCHRONIZATION SIGNAL SCANNING  
BASED ON A SYNCHRONIZATION RASTER  
基於同步柵格的同步信號掃描的方法和裝置

[73] QUALCOMM Incorporated  
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[72] LY, Hung Dinh H·D·李  
LUO, Tao 骆涛

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

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| [51] | H04W 60/04 | [11] | 40024989      |
|      | H04W 36/14 |      | CN110915260 B |
|      |            | [13] | B             |

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| [51] | H04W 76/10 | [11] | 40035797      |
|      | H04W 76/14 |      | CN111542128 B |
|      |            | [13] | B             |

[25] ZH

[21] 42021025480.1 [22] 08.02.2021

[54] EQUIPMENT INTERACTION METHOD, DEVICE AND EQUIPMENT BASED ON  
UWB

一種基於 UWB 的設備交互方法、裝置及設備

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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|      | H04W 76/10 |      | CN111542128 B |
|      |            | [13] | B             |

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| [51] | H04W 76/14 | [11] | 40017899      |
|      | H04W 4/20  |      | CN110574400 B |
|      |            | [13] | B             |

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| [51] | H04W 8/00 | [11] | 40017899      |
|      | H04W 4/20 |      | CN110574400 B |
|      |           | [13] | B             |

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**2. 按發表編號排列****Arranged by Publication Number****1085911 - 40055214**

| [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                                                                                                                                                                                                                      |
| 1085911         | EP1587540                                      | A61P 11/00, A61P 17/02,<br>A61P 17/06, A61P 19/02,<br>A61P 27/02, A61P 29/00                                                                                                                                                                                   |
| 1186087         | EP2600800                                      | A61F 2/82, A61M 27/00, A61M<br>25/00, A61F 2/04                                                                                                                                                                                                                |
| 1206567         | CN104334049                                    | A45D 2/40                                                                                                                                                                                                                                                      |
| 1207618         | CN104418214                                    | B66B 9/00, B66B 11/08                                                                                                                                                                                                                                          |
| 1209336         | EP2872145                                      | A61K 31/55, A61P 25/14                                                                                                                                                                                                                                         |
| 1210425         | CN104619352                                    | A61K 47/61, A61K 31/737,<br>A61K 38/17, A61K 38/57,<br>A61P 17/02, A61P 27/02,<br>A61P 19/02, A61P 19/10,<br>A61P 29/00, A61P 37/02,<br>A61P 37/08, A61P 37/06,<br>A61P 31/00, A61L 31/16,<br>A61L 31/10, A61L 27/34,<br>A61L 27/54, C07K 14/81,<br>C07K 14/47 |
| 1213535         | EP2925611                                      | B65B 1/04, A61K 31/198,<br>A61K 9/48, A61K 9/14, A61K<br>9/00, A61J 3/07, B65B<br>63/02, B65B 1/36, B65B<br>1/26, B65B 1/16, B65B<br>43/42, B65B 31/00, A61K<br>9/16, A61P 11/06, A61P<br>25/16                                                                |
| 1220887         | EP2976045                                      | A61F 2/34                                                                                                                                                                                                                                                      |
| 1253884         | CN108141719                                    | H04W 4/20, H04W 4/14, H04W<br>4/38, G01D 4/00                                                                                                                                                                                                                  |
| 1254211         | CN107943805                                    | G06F 16/957, G06F 9/445,<br>G06T 13/00                                                                                                                                                                                                                         |
| 1255279         | CN108026591                                    | C12Q 1/70, C12Q 1/6844,<br>C12Q 1/6858, C12M 1/00,<br>C12N 15/09                                                                                                                                                                                               |

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| 1256129  | CN108601721 | A61K 8/64, A61K 8/06, A61K 8/65, A61K 8/9711, A61K 8/9794, A61K 8/9789, A61Q 19/00, A61Q 19/08                                              |
| 1256752  | EP3334719   | C07D 401/04, C07D 401/14, C07D 405/14, A61K 31/4439, A61P 1/00, A61P 17/06, A61P 35/00                                                      |
| 1256789  | CN108148840 | C12N 15/115, A61K 47/60, A61P 13/12, A61P 29/00, A61P 25/00, A61P 17/00, A61P 7/00, A61P 9/00, A61P 11/00, A61P 31/00, A61P 3/10, A61P 9/10 |
| 1258888  | CN108347884 | A01D 44/00, A01G 7/02, B01D 53/62, C02F 1/00, C02F 3/32                                                                                     |
| 1258934  | CN108520432 | G06Q 30/02, G06Q 50/26                                                                                                                      |
| 1260003  | EP3368031   | A61K 31/351, A61K 31/736, A61P 31/00, A61K 31/4745, A61K 31/7036                                                                            |
| 1260701  | CN108508231 | G01P 15/00, G05B 19/04, E05F 15/70, H04L 67/12                                                                                              |
| 1260761  | CN108710810 | G06F 21/83, G06F 21/46, G07F 19/00                                                                                                          |
| 1261078  | CN109153191 | B29C 65/70, A47K 13/30, F16B 5/07, F16B 5/08                                                                                                |
| 1261197  | EP3436471   | C07K 14/01, C12Q 1/68, C12N 9/14                                                                                                            |
| 1261586  | CN109195552 | A61F 2/38                                                                                                                                   |
| 1261623  | EP3454796   | A61F 5/00, A61F 5/44, A61F 5/445, A61F 5/448, A61F 13/02, A61F 5/443                                                                        |
| 1261624  | EP3454797   | A61F 5/00, A61F 5/44, A61F 5/445, A61F 5/448, A61F 13/02, A61F 13/00, A61F 5/443                                                            |
| 1261862  | CN108886445 | H04L 5/00, H04L 25/02                                                                                                                       |
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| 40000214 | EP3465507   | G16B 30/10, G16B 50/30                                                                                                                      |
| 40001204 | CN109479068 | H04L 29/08, H04L 12/827, G06F 15/167                                                                                                        |
| 40001896 | EP3423495   | C07K 16/28, A61K 39/00, A61P 35/02                                                                                                          |
| 40005240 | CN110118036 | E05B 67/24, E05B 37/00, E05B 37/02                                                                                                          |

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| 40006081 | EP3523332   | C07K 16/28, A61K 39/395,<br>A61P 35/00, A61P 37/04                       |
| 40006957 | EP3464323   | C07K 7/08, C12N 15/11, C12N<br>15/63, C12N 9/22                          |
| 40007162 | EP3468571   | A61K 35/50, A61K 9/00, A61P<br>11/00, A61P 11/06                         |
| 40008276 | CN109818753 | H04L 9/32, H04L 9/08                                                     |
| 40008369 | CN109715284 | B01J 8/06, C02F 1/461, C02F<br>1/467, G01F 1/40, F15C<br>1/06, G05D 9/12 |
| 40008496 | CN110046896 | G06Q 20/38, G06Q 20/40                                                   |
| 40008707 | CN109714165 | H04L 9/08, H04L 29/06                                                    |
| 40009017 | CN109905458 | H04L 29/08, G06Q 30/02                                                   |
| 40009165 | EP3541807   | C07D 295/205, C07C 57/15,<br>A61P 29/00, A61P 25/00                      |
| 40009998 | CN110491412 | G10L 21/0308, G10L 25/18,<br>G10L 25/27                                  |
| 40010317 | CN110247960 | H04L 29/08, H04L 29/06                                                   |
| 40010714 | CN110008673 | G06F 21/32, G06V 40/16                                                   |
| 40011077 | CN109937557 | H04L 9/06, H04L 9/08, H04L<br>9/30, H04L 9/32, H04L 9/40,<br>G06Q 20/38  |
| 40011173 | CN110546077 | B65D 51/18                                                               |
| 40011687 | CN110089069 | H04L 9/06, H04L 9/08, H04L<br>9/30, H04L 9/32, G06Q 20/38                |
| 40012731 | CN110191367 | H04N 21/43, H04N 21/414                                                  |
| 40014048 | CN110268660 | H04L 1/18, H04L 5/14                                                     |
| 40015723 | CN110348524 | G06V 10/80, G06V 40/10,<br>G06K 9/62                                     |
| 40015752 | CN110348947 | G06Q 30/06                                                               |
| 40016118 | CN110366680 | G01N 33/487                                                              |
| 40016358 | CN110453520 | D21D 1/00, D21H 11/18, C09K<br>3/14                                      |
| 40017899 | CN110574400 | H04W 4/20, H04W 4/80, H04W<br>76/14, H04R 25/00, H04W<br>8/00            |
| 40020434 | CN110662454 | A45C 13/00                                                               |
| 40020939 | CN110766080 | G06V 10/774, G06V 10/74,<br>G06N 20/00                                   |
| 40021454 | CN110732135 | A63F 13/426, A63F 13/837,<br>G06F 3/01                                   |
| 40021672 | CN110795074 | G06F 8/30, G06F 8/41                                                     |
| 40021758 | CN111010589 | H04N 21/233, H04N 21/234,<br>H04N 21/235, H04L 65/80,<br>G06T 3/00       |

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| 40022154 | CN110917616 | A63F 13/426, A63F 13/5372,<br>A63F 13/837                                  |
| 40022299 | CN111068332 | A63F 13/70, A63F 13/35                                                     |
| 40023135 | CN110782253 | G06Q 20/38, G06Q 40/04                                                     |
| 40023610 | CN111265869 | A63F 13/5372, A63F 13/5378,<br>A63F 13/837                                 |
| 40024117 | CN111460875 | G06V 40/16, G06V 10/46,<br>G06T 7/00, G06T 7/20                            |
| 40024134 | CN111245734 | H04L 47/12, H04L 65/60,<br>H04L 65/80, H04L 65/1066,<br>G10L 25/51         |
| 40024428 | EP3616846   | B26B 17/00, B25F 1/04                                                      |
| 40024989 | CN110915260 | H04W 36/14, H04W 60/04                                                     |
| 40025731 | CN110880223 | G07G 1/00, G07G 1/14                                                       |
| 40025748 | EP3686054   | B60P 3/34                                                                  |
| 40025837 | CN111414080 | G06F 3/01, A63F 13/5378,<br>A63F 13/837                                    |
| 40025918 | CN111399731 | G06F 3/0485, G06F 9/451                                                    |
| 40026280 | CN111414737 | G06F 40/166, G06F 40/289,<br>G06F 16/35                                    |
| 40026954 | CN110992027 | G06Q 20/38                                                                 |
| 40027030 | CN110692228 | H04L 67/1042, H04L 9/32,<br>H04L 9/40                                      |
| 40027537 | CN111096004 | H04W 56/00                                                                 |
| 40027858 | CN111556294 | H04N 7/18, G08B 21/02, G06V<br>20/52                                       |
| 40028008 | CN111027083 | G06F 21/60, G06F 21/62,<br>G06N 20/00                                      |
| 40028101 | CN111672113 | A63F 13/56, A63F 13/42                                                     |
| 40028423 | CN111046380 | G06F 21/55, G06F 21/57,<br>G06K 9/62                                       |
| 40028441 | EP3660047   | C07K 16/18, A61K 39/35,<br>A61P 37/08                                      |
| 40028571 | CN111672125 | A63F 13/577, A63F 13/56                                                    |
| 40028628 | CN111125760 | G06F 21/62, G06N 3/04, G06N<br>3/08, G06N 20/00                            |
| 40029967 | CN111277961 | H04W 4/06, H04W 4/12, H04W<br>4/80, G07B 11/00, G06Q<br>50/26              |
| 40030079 | CN111816159 | G10L 15/00, G10L 15/18,<br>G10L 15/30, G10L 15/34,<br>G06N 3/04, G06N 3/08 |
| 40030701 | CN111739342 | G08G 1/16                                                                  |
| 40031344 | CN111862605 | G08G 1/01, G08G 1/052, G08G<br>1/065, G08G 1/0968, G06V<br>20/54           |



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| 40033542 | EP3756609   | A61B 34/30, A61B 34/37,<br>A61B 90/00                                                             |
| 40033663 | CN111884683 | H04B 5/00                                                                                         |
| 40034947 | CN112121419 | A63F 13/52, A63F 13/5378,<br>A63F 13/55                                                           |
| 40035797 | CN111542128 | H04W 76/10, H04W 76/14                                                                            |
| 40035936 | CN111580982 | G06F 9/52, G06F 21/62, G06F<br>21/64, G06Q 40/02, G06Q<br>40/04                                   |
| 40037848 | CN111698501 | H04N 19/103, H04N 19/159,<br>H04N 19/136, H04N 19/186,<br>H04N 19/176, H04N 19/593                |
| 40037947 | CN112398947 | H04L 67/55, G06K 9/62, G06F<br>16/9535, G06F 9/451                                                |
| 40038194 | CN112261481 | H04N 21/472, H04N 21/4722,<br>H04N 21/4725                                                        |
| 40039116 | CN111818186 | H04L 67/1097, H04L 9/40,<br>G06Q 40/04                                                            |
| 40039528 | CN112141119 | B60W 40/09, B60W 50/14,<br>B60T 7/12                                                              |
| 40039713 | CN111796502 | G04B 13/02                                                                                        |
| 40040651 | CN112543338 | H04N 19/91, H04N 19/124,<br>H04N 19/126, H04N 19/159,<br>H04N 19/17, H04N 19/176                  |
| 40040665 | CN112532989 | H04N 19/176, H04N 19/182,<br>H04N 19/503, H04N 19/186,<br>H04N 19/44, H04N 19/436,<br>H04N 19/105 |
| 40041019 | CN112530163 | G08G 1/01                                                                                         |
| 40041559 | CN112650772 | G06F 16/245, G06F 16/29,<br>G06V 20/10                                                            |
| 40041561 | CN112651418 | G06K 9/62, G06N 3/08                                                                              |
| 40041937 | CN112632881 | G06F 30/327                                                                                       |
| 40042419 | CN112037057 | G06Q 40/04, G06Q 20/38,<br>G06F 21/64                                                             |
| 40042960 | CN112666820 | G04R 20/04, G04R 20/06,<br>G04R 40/06, H04J 3/06                                                  |
| 40043500 | CN112243289 | H04W 52/24, H04W 4/70, H04W<br>52/14                                                              |
| 40043527 | EP3782519   | A47J 37/07                                                                                        |
| 40044728 | CN112214519 | G06F 16/2455, G06F 16/248,<br>G06F 16/27, G06F 21/64                                              |
| 40050110 | CN113254696 | G06F 16/583, G06F 16/53,<br>G06V 10/44, G06V 10/75,<br>G06K 9/62                                  |
| 40051262 | CN113259494 | H04L 29/08, G06F 16/172,<br>G06F 16/182                                                           |

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| 40052596 | EP3880513   | B60N 2/58, B60N 2/60                                                          |
| 40052603 | EP3873760   | B60K 35/00, B60K 37/00,<br>B60R 13/02, B62D 25/14,<br>B60R 16/023, B60R 16/03 |
| 40053419 | CN112773236 | A47K 10/24                                                                    |
| 40053635 | CN113641916 | G06F 16/9535, G06F 16/9537,<br>G06F 16/9538, G06F 16/906                      |
| 40055189 | CN113473182 | H04N 21/234, H04N 21/44                                                       |
| 40055214 | CN113539273 | G10L 15/26, G10L 15/06                                                        |

**3. 按申請編號排列****Arranged by Application Number****1085911 - 40055214**

| [21]<br>申請編號    | [11]<br>發表編號    |
|-----------------|-----------------|
| Application No. | Publication No. |
| 06105004.7      | 1085911         |
| 13113505.6      | 1186087         |
| 15107353.9      | 1206567         |
| 15108332.3      | 1207618         |
| 15110081.2      | 1209336         |
| 15111254.1      | 1210425         |
| 16101648.6      | 1213535         |
| 16108762.1      | 1220887         |
| 18113024.3      | 1253884         |
| 18113351.6      | 1254211         |
| 18114439.0      | 1255279         |
| 18115210.2      | 1256129         |
| 18115832.0      | 1256752         |
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| 19101413.6      | 1258934         |
| 19119680.7      | 1260003         |
| 19120559.0      | 1260701         |
| 19120636.6      | 1260761         |
| 19120940.2      | 1261078         |
| 19121081.4      | 1261197         |
| 19121456.8      | 1261586         |
| 19121497.2      | 1261623         |
| 19121498.0      | 1261624         |
| 19121602.7      | 1262368         |
| 19121770.2      | 1261862         |
| 19123210.7      | 40000020        |
| 19123380.8      | 40000214        |
| 19124525.7      | 40001204        |

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| 19131848.4    | 40008369 |
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| 62020013567.6 | 40024989 |
| 62020017044.2 | 40027537 |
| 62021042211.4 | 40052596 |
| 62021042218.9 | 40052603 |

#### 4. 按專利所有人名稱排列

##### Arranged by Name of Proprietor

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| [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. |
| 2x10 Limited                                                                    | A45C 13/00                                      | 40020434           | CN110662454                                          |
| AADIGEN, LLC                                                                    | C07K 7/08, C12N 15/11,<br>C12N 15/63, C12N 9/22 | 40006957           | EP3464323                                            |
| ALIGN MACHINE<br>WORKS, LLC                                                     | A47J 37/07                                      | 40043527           | EP3782519                                            |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06Q 20/38, G06Q 40/04                          | 40023135           | CN110782253                                          |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06Q 20/38                                      | 40026954           | CN110992027                                          |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 21/60, G06F<br>21/62, G06N 20/00           | 40028008           | CN111027083                                          |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 21/55, G06F<br>21/57, G06K 9/62            | 40028423           | CN111046380                                          |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 21/62, G06N 3/04,<br>G06N 3/08, G06N 20/00 | 40028628           | CN111125760                                          |

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| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | H04W 4/06, H04W 4/12,<br>H04W 4/80, G07B 11/00,<br>G06Q 50/26                                                                                                    | 40029967 | CN111277961 |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | H04W 76/10, H04W 76/14                                                                                                                                           | 40035797 | CN111542128 |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | H04L 67/1097, H04L<br>9/40, G06Q 40/04                                                                                                                           | 40039116 | CN111818186 |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06Q 40/04, G06Q<br>20/38, G06F 21/64                                                                                                                            | 40042419 | CN112037057 |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 16/2455, G06F<br>16/248, G06F 16/27,<br>G06F 21/64                                                                                                          | 40044728 | CN112214519 |
| ARCHEMIX LLC 阿切埃<br>米克斯股份有限公司                                                   | C12N 15/115, A61K<br>47/60, A61P 13/12,<br>A61P 29/00, A61P<br>25/00, A61P 17/00,<br>A61P 7/00, A61P 9/00,<br>A61P 11/00, A61P<br>31/00, A61P 3/10, A61P<br>9/10 | 1256789  | CN108148840 |
| ASUSTeK COMPUTER<br>INC. 華碩電腦股份有<br>限公司                                         | H04W 52/24, H04W 4/70,<br>H04W 52/14                                                                                                                             | 40043500 | CN112243289 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06Q 30/02, G06Q 50/26                                                                                                                                           | 1258934  | CN108520432 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06F 21/32, G06V 40/16                                                                                                                                           | 40010714 | CN110008673 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06Q 30/06                                                                                                                                                       | 40015752 | CN110348947 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06F 9/52, G06F 21/62,<br>G06F 21/64, G06Q<br>40/02, G06Q 40/04                                                                                                  | 40035936 | CN111580982 |



Ltd. 创新先进技术有  
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| Advanced New Technologies Co., Ltd. 创新先进技术有限公司 | H04L 9/06, H04L 9/08, H04L 9/30, H04L 9/32, H04L 9/40, G06Q 20/38 | 40011077 | CN109937557 |
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| Advanced New Technologies Co., Ltd. 创新先进技术有限公司 | H04L 9/06, H04L 9/08, H04L 9/30, H04L 9/32, G06Q 20/38 | 40011687 | CN110089069 |
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| Advanced New Technologies Co., Ltd. 创新先进技术有限公司 | H04L 67/1042, H04L 9/32, H04L 9/40 | 40027030 | CN110692228 |
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| Alibaba Group Holding Limited 阿里巴巴集团控股有限公司 | G06F 16/957, G06F 9/445, G06T 13/00 | 1254211 | CN107943805 |
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| Alibaba Group Holding Limited 阿里巴巴集团控股有限公司 | H04N 21/43, H04N 21/414 | 40012731 | CN110191367 |
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| Alibaba Group Holding Limited 阿里巴巴集团控股有限公司 | G07G 1/00, G07G 1/14 | 40025731 | CN110880223 |
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| Aspen Aerogels, Inc. 斯攀气凝胶公司 | C04B 41/45, B01J 13/00, C08J 9/35, C08J 9/40, F16L 59/02 | 1262368 | CN108794064 |
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| Axbio Inc. 阿克斯比尔公司 | G01N 33/487 | 40016118 | CN110366680 |
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| BEIJING KEEYOO TECHNOLOGIES CO., LTD. 北京奇禹科技有限公司 | H04B 5/00 | 40033663 | CN111884683 |
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| BIOIONIX, INC. 比奥伊奥尼克斯公司 | B01J 8/06, C02F 1/461, C02F 1/467, G01F 1/40, F15C 1/06, G05D 9/12 | 40008369 | CN109715284 |
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| BLACKBERRY LIMITED 黑莓有限公司 | H04W 4/20, H04W 4/14, H04W 4/38, G01D 4/00 | 1253884 | CN108141719 |
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| Beijing Sensetime Technology Development Co., Ltd. 北京市商汤科技开发有限公司 | G10L 21/0308, G10L 25/18, G10L 25/27 | 40009998 | CN110491412 |
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| Beijing Sensetime Technology Development Co., | G06V 40/16, G06V 10/46, G06T 7/00, G06T 7/20 | 40024117 | CN111460875 |
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Ltd. 北京市商汤科技  
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| CARBON SINK, INC.<br>碳汇公司                                                      | A01D 44/00, A01G 7/02,<br>B01D 53/62, C02F 1/00,<br>C02F 3/32                                                                                                                                   | 1258888  | CN108347884 |
| CHINA UNIONPAY<br>CO., LTD. 中國銀聯<br>股份有限公司                                     | G06F 21/83, G06F<br>21/46, G07F 19/00                                                                                                                                                           | 1260761  | CN108710810 |
| Civitas<br>Therapeutics, Inc.                                                  | B65B 1/04, A61K<br>31/198, A61K 9/48,<br>A61K 9/14, A61K 9/00,<br>A61J 3/07, B65B 63/02,<br>B65B 1/36, B65B 1/26,<br>B65B 1/16, B65B 43/42,<br>B65B 31/00, A61K 9/16,<br>A61P 11/06, A61P 25/16 | 1213535  | EP2925611   |
| ConformIS, Inc.                                                                | A61F 2/34                                                                                                                                                                                       | 1220887  | EP2976045   |
| ELC MANAGEMENT LLC                                                             | A61K 8/64, A61K 8/06,<br>A61K 8/65, A61K<br>8/9711, A61K 8/9794,<br>A61K 8/9789, A61Q<br>19/00, A61Q 19/08                                                                                      | 1256129  | CN108601721 |
| ETA SA MANUFACTURE<br>HORLOGÈRE SUISSE                                         | G04B 13/02                                                                                                                                                                                      | 40039713 | CN111796502 |
| Emalex<br>Biosciences, Inc.                                                    | A61K 31/55, A61P 25/14                                                                                                                                                                          | 1209336  | EP2872145   |
| Eutilex Co., Ltd.                                                              | C07K 16/28, A61K<br>39/395, A61P 35/00,<br>A61P 37/04                                                                                                                                           | 40006081 | EP3523332   |
| FIBERLEAN<br>TECHNOLOGIES<br>LIMITED 纤维精益技术<br>有限公司                            | D21D 1/00, D21H 11/18,<br>C09K 3/14                                                                                                                                                             | 40016358 | CN110453520 |
| Globus Medical,<br>Inc.                                                        | A61B 34/30, A61B<br>34/37, A61B 90/00                                                                                                                                                           | 40033542 | EP3756609   |
| Gogo Business<br>Aviation LLC                                                  | H04B 7/185, H04W<br>56/00, H04L 29/08                                                                                                                                                           | 40000020 | EP3419192   |
| H. Lundbeck A/S                                                                | C07D 295/205, C07C<br>57/15, A61P 29/00,<br>A61P 25/00                                                                                                                                          | 40009165 | EP3541807   |
| HANGZHOU HIKVISION<br>DIGITAL TECHNOLOGY<br>CO., LTD. 杭州海康<br>威视数字技术股份有限<br>公司 | H04N 19/103, H04N<br>19/159, H04N 19/136,<br>H04N 19/186, H04N<br>19/176, H04N 19/593                                                                                                           | 40037848 | CN111698501 |
| Helperby<br>Therapeutics<br>Limited                                            | A61K 31/351, A61K<br>31/736, A61P 31/00,<br>A61K 31/4745, A61K<br>31/7036                                                                                                                       | 1260003  | EP3368031   |

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| ILLUMINA, INC.<br>ILLUMINA 公司                            | G16B 30/10, G16B 50/30                                                                             | 40000214 | EP3465507   |
| Illumina, Inc.                                           | C07K 14/01, C12Q 1/68,<br>C12N 9/14                                                                | 1261197  | EP3436471   |
| JOINT INNOVATION<br>TECHNOLOGY, LLC 联<br>合创新技术有限责任公<br>司 | A61F 2/38                                                                                          | 1261586  | CN109195552 |
| KODAMA CHEMICAL<br>INDUSTRY CO., LTD.<br>兒玉化學工業株式會社      | B29C 65/70, A47K<br>13/30, F16B 5/07, F16B<br>5/08                                                 | 1261078  | CN109153191 |
| KONE CORPORATION<br>通力股份公司                               | G01P 15/00, G05B<br>19/04, E05F 15/70,<br>H04L 67/12                                               | 1260701  | CN108508231 |
| KONE Corporation<br>通力股份公司                               | B66B 9/00, B66B 11/08                                                                              | 1207618  | CN104418214 |
| Labrador<br>Diagnostics LLC 拉<br>布拉多診斷有限責任公<br>司         | C12Q 1/70, C12Q<br>1/6844, C12Q 1/6858,<br>C12M 1/00, C12N 15/09                                   | 1255279  | CN108026591 |
| Leatherman Tool<br>Group, Inc.                           | B26B 17/00, B25F 1/04                                                                              | 40024428 | EP3616846   |
| Lippert<br>Components, Inc.                              | B60P 3/34                                                                                          | 40025748 | EP3686054   |
| MARTUR ITALY<br>S.R.L.                                   | B60N 2/58, B60N 2/60                                                                               | 40052596 | EP3880513   |
| MARTUR ITALY<br>S.R.L.                                   | B60K 35/00, B60K<br>37/00, B60R 13/02,<br>B62D 25/14, B60R<br>16/023, B60R 16/03                   | 40052603 | EP3873760   |
| MacroGenics, Inc.                                        | A61P 11/00, A61P<br>17/02, A61P 17/06,<br>A61P 19/02, A61P<br>27/02, A61P 29/00                    | 1085911  | EP1587540   |
| Mam Holdings Of<br>West Florida,<br>L.L.C.               | A61K 35/50, A61K 9/00,<br>A61P 11/00, A61P 11/06                                                   | 40007162 | EP3468571   |
| Marlen<br>Manufacturing And<br>Development Co.           | A61F 5/00, A61F 5/44,<br>A61F 5/445, A61F<br>5/448, A61F 13/02,<br>A61F 5/443                      | 1261623  | EP3454796   |
| Marlen<br>Manufacturing And<br>Development Co.           | A61F 5/00, A61F 5/44,<br>A61F 5/445, A61F<br>5/448, A61F 13/02,<br>A61F 13/00, A61F 5/443          | 1261624  | EP3454797   |
| NEOMED INSTITUTE                                         | C07D 401/04, C07D<br>401/14, C07D 405/14,<br>A61K 31/4439, A61P<br>1/00, A61P 17/06, A61P<br>35/00 | 1256752  | EP3334719   |

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|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------|-------------|
| NIPPON CLOSURES<br>CO., LTD. 日本克乐<br>嘉制盖株式会社                                                                     | B65D 51/18                                                    | 40011173 | CN110546077 |
| Oomph Innovations,<br>LLC. 歐姆芬創新有限<br>責任公司<br>LUND, Patricia A.<br>帕特麗夏·A·隆德<br>SCHWARTZ, William<br>M. 威廉·M·施瓦茲 | A45D 2/40                                                     | 1206567  | CN104334049 |
| Platon Co.,<br>Limited 云图技术有限<br>公司                                                                              | H04L 9/32, H04L 9/08                                          | 40008276 | CN109818753 |
| Platon Co.,<br>Limited 云图技术有限<br>公司                                                                              | H04L 9/08, H04L 29/06                                         | 40008707 | CN109714165 |
| Platon Co.,<br>Limited 云图技术有限<br>公司                                                                              | H04L 29/08, H04L 29/06                                        | 40010317 | CN110247960 |
| QUALCOMM<br>Incorporated 高通股<br>份有限公司                                                                            | H04L 1/18, H04L 5/14                                          | 40014048 | CN110268660 |
| QUALCOMM<br>Incorporated 高通股<br>份有限公司                                                                            | H04W 4/20, H04W 4/80,<br>H04W 76/14, H04R<br>25/00, H04W 8/00 | 40017899 | CN110574400 |
| QUALCOMM<br>Incorporated 高通股<br>份有限公司                                                                            | H04W 36/14, H04W 60/04                                        | 40024989 | CN110915260 |
| QUALCOMM<br>Incorporated 高通股<br>份有限公司                                                                            | H04W 56/00                                                    | 40027537 | CN111096004 |
| REGENERON<br>PHARMACEUTICALS,<br>INC. 瑞澤恩製藥公司                                                                    | C07K 16/18, A61K<br>39/35, A61P 37/08                         | 40028441 | EP3660047   |
| Shanghai SenseTime<br>Lingang<br>Intelligent<br>Technology Co.,<br>Ltd. 上海商湯臨港智<br>能科技有限公司                       | B60W 40/09, B60W<br>50/14, B60T 7/12                          | 40039528 | CN112141119 |
| Shenzhen SenseTime<br>Technology Co.,<br>Ltd 深圳市商湯科技有<br>限公司                                                     | G06V 10/80, G06V<br>40/10, G06K 9/62                          | 40015723 | CN110348524 |
| TENCENT TECHNOLOGY<br>(SHENZHEN) COMPANY<br>LIMITED 腾讯科技(深<br>圳)有限公司                                             | G06V 10/774, G06V<br>10/74, G06N 20/00                        | 40020939 | CN110766080 |

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|------------------------------------------------------------|--------------------------------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/426, A63F 13/837, G06F 3/01                          | 40021454 | CN110732135 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 8/30, G06F 8/41                                         | 40021672 | CN110795074 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/426, A63F 13/5372, A63F 13/837                       | 40022154 | CN110917616 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 21/233, H04N 21/234, H04N 21/235, H04L 65/80, G06T 3/00 | 40021758 | CN111010589 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/70, A63F 13/35                                       | 40022299 | CN111068332 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/5372, A63F 13/5378, A63F 13/837                      | 40023610 | CN111265869 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04L 47/12, H04L 65/60, H04L 65/80, H04L 65/1066, G10L 25/51 | 40024134 | CN111245734 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 3/01, A63F 13/5378, A63F 13/837                         | 40025837 | CN111414080 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 3/0485, G06F 9/451                                      | 40025918 | CN111399731 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 40/166, G06F 40/289, G06F 16/35                         | 40026280 | CN111414737 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 7/18, G08B 21/02, G06V 20/52                            | 40027858 | CN111556294 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/56, A63F 13/42                                       | 40028101 | CN111672113 |

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|------------------------------------------------------------|------------------------------------------------------------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/577, A63F 13/56                                                                  | 40028571 | CN111672125 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G10L 15/00, G10L 15/18, G10L 15/30, G10L 15/34, G06N 3/04, G06N 3/08                     | 40030079 | CN111816159 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G08G 1/16                                                                                | 40030701 | CN111739342 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G08G 1/01, G08G 1/052, G08G 1/065, G08G 1/0968, G06V 20/54                               | 40031344 | CN111862605 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | A63F 13/52, A63F 13/5378, A63F 13/55                                                     | 40034947 | CN112121419 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 21/472, H04N 21/4722, H04N 21/4725                                                  | 40038194 | CN112261481 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04L 67/55, G06K 9/62, G06F 16/9535, G06F 9/451                                          | 40037947 | CN112398947 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G08G 1/01                                                                                | 40041019 | CN112530163 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 19/91, H04N 19/124, H04N 19/126, H04N 19/159, H04N 19/17, H04N 19/176               | 40040651 | CN112543338 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 19/176, H04N 19/182, H04N 19/503, H04N 19/186, H04N 19/44, H04N 19/436, H04N 19/105 | 40040665 | CN112532989 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 30/327                                                                              | 40041937 | CN112632881 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/245, G06F 16/29, G06V 20/10                                                      | 40041559 | CN112650772 |

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|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06K 9/62, G06N 3/08                                                                                                                                                                                                                | 40041561 | CN112651418 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G04R 20/04, G04R 20/06, G04R 40/06, H04J 3/06                                                                                                                                                                                       | 40042960 | CN112666820 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/583, G06F 16/53, G06V 10/44, G06V 10/75, G06K 9/62                                                                                                                                                                          | 40050110 | CN113254696 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | H04N 21/234, H04N 21/44                                                                                                                                                                                                             | 40055189 | CN113473182 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G10L 15/26, G10L 15/06                                                                                                                                                                                                              | 40055214 | CN113539273 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 腾讯科技(深圳)有限公司 | G06F 16/9535, G06F 16/9537, G06F 16/9538, G06F 16/906                                                                                                                                                                               | 40053635 | CN113641916 |
| THE SUN LOCK COMPANY LTD. 特新實業有限公司                         | E05B 67/24, E05B 37/00, E05B 37/02                                                                                                                                                                                                  | 40005240 | CN110118036 |
| TISSUETECH, INC. 組織技術公司                                    | A61K 47/61, A61K 31/737, A61K 38/17, A61K 38/57, A61P 17/02, A61P 27/02, A61P 19/02, A61P 19/10, A61P 29/00, A61P 37/02, A61P 37/08, A61P 37/06, A61P 31/00, A61L 31/16, A61L 31/10, A61L 27/34, A61L 27/54, C07K 14/81, C07K 14/47 | 1210425  | CN104619352 |
| Taris Biomedical LLC                                       | A61F 2/82, A61M 27/00, A61M 25/00, A61F 2/04                                                                                                                                                                                        | 1186087  | EP2600800   |
| Telefonaktiebolaget LM Ericsson (publ) 瑞典愛立信有限公司           | H04L 5/00, H04L 25/02                                                                                                                                                                                                               | 1261862  | CN108886445 |
| Tencent Technology (Shenzhen) Company Limited 腾讯科技(深圳)有限公司 | G06Q 20/38, G06Q 20/40                                                                                                                                                                                                              | 40008496 | CN110046896 |

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|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------|-------------|
| The Nielsen<br>Company (US), LLC<br>尼尔森(美国)有限公司                                                                                              | H04L 29/08, G06Q 30/02                  | 40009017 | CN109905458 |
| UMBRA TECHNOLOGIES<br>LTD. 安博科技有限公<br>司                                                                                                      | H04L 29/08, H04L<br>12/827, G06F 15/167 | 40001204 | CN109479068 |
| Yissum Research<br>Development<br>Company of The<br>Hebrew University<br>of Jerusalem Ltd.<br>University Of<br>Rijeka Faculty Of<br>Medicine | C07K 16/28, A61K<br>39/00, A61P 35/02   | 40001896 | EP3423495   |
| 株式會社伊勢藤                                                                                                                                      | A47K 10/24                              | 40053419 | CN112773236 |
| 深圳市华海同创科技有<br>限公司                                                                                                                            | H04L 29/08, G06F<br>16/172, G06F 16/182 | 40051262 | CN113259494 |





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****30061764 - 30061769**

|      |                                                                                                     |      |            |
|------|-----------------------------------------------------------------------------------------------------|------|------------|
| [51] | A23L 33/135<br>A23L 33/145                                                                          | [11] | 30061765   |
|      |                                                                                                     | [13] | A          |
| [25] | ZH                                                                                                  |      |            |
| [21] | 32022049631.1                                                                                       | [22] | 09.03.2022 |
| [54] | FORMULATED PROBIOTIC CAPSULE FOR IMPROVING SYMPTOMS OF ATOPIC DERMATITIS<br>一種用於改善特應性皮炎患者症狀的配方益生菌膠囊 |      |            |
| [73] | BioMed Technology Holdings Limited<br>生物醫學科技控股有限公司<br>香港<br>新界沙田科學園科技大道西<br>16 號 3 樓 311-312 室      |      |            |
| [72] | LOO King Fan Steven 盧景勳<br>ZHOU Junwei 周軍衛                                                          |      |            |
| [74] | 香港知識產權代理有限公司<br>香港<br>新界白石角香港科學園第三期<br>科技大道西 12 號 2 樓 230 室                                         |      |            |

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|      |                            |      |          |
|------|----------------------------|------|----------|
| [51] | A23L 33/145<br>A23L 33/135 | [11] | 30061765 |
|      |                            | [13] | A        |

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|      |               |      |            |
|------|---------------|------|------------|
| [51] | B25J 9/16     | [11] | 30061764   |
|      |               | [13] | A          |
| [25] | ZH            |      |            |
| [21] | 32022049033.0 | [22] | 01.03.2022 |

[54] AN INTELLIGENT MONITORING VEHICLE  
一種智能監測車輛

[73] C & S SMARTSAFE LIMITED  
信安智能保安技術有限公司  
香港  
新界葵涌葵榮路  
錦濱工業大廈四樓B室

[72] NG, Ho Po 吳灝波

[74] 智群科技設計(香港)有限公司  
香港  
九龍九龍灣宏光道8號  
創豪坊7樓706室

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[51] F16M 11/06 [11] 30061769  
[13] A

[25] ZH

[21] 32022052205.8 [22] 22.04.2022

[30] 06.09.2021 CN,202122143854.3

[54] ROTATIONAL BASE AND INTEGRATED MACHINE EQUIPMENT  
一種轉動底座以及一體機設備

[73] QIANHAI JUNDA (SHENZHEN) EQUITY INVESTMENT CO., LTD.  
前海骏达(深圳)股权投资有限公司  
中國  
广东省深圳市龙华新区大浪街道同胜社区华荣路  
联建科技工业园厂房8栋4,5,6楼

[72] 廖卓文

[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] G06F 1/16 [11] 30061768  
[13] A

[25] ZH

[21] 32022052190.2 [22] 22.04.2022

[30] 06.09.2021 CN,202122142895.0

[54] BASE DEVICE AND INTEGRATIVE MACHINE APPARATUS  
一種底座裝置以及一體機設備

[73] QIANHAI JUNDA (SHENZHEN) EQUITY INVESTMENT CO., LTD.  
前海骏达(深圳)股权投资有限公司  
中國  
广东省深圳市龙华新区大浪街道同胜社区华荣路  
联建科技工业园厂房8栋4,5,6楼

[72] 廖卓文

[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] G06F 1/18 [11] 30061767  
[13] A

[25] ZH

[21] 32022052178.7 [22] 22.04.2022

[30] 06.09.2021 CN,202122142810.9

[54] SUPPORT APPARATUS AND ALL-IN-ONE DEVICE  
一種支撐裝置以及一體機設備

[73] QIANHAI JUNDA (SHENZHEN) EQUITY INVESTMENT CO., LTD.  
前海骏达(深圳)股权投资有限公司  
中國  
广东省深圳市龙华新区大浪街道同胜社区华荣路  
联建科技工业园厂房 8 栋 4,5,6 楼

[72] 廖卓文

[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] H01R 1/02 [11] 30061766  
[13] A

[25] ZH

[21] 32022051393.3 [22] 08.04.2022

[54] A SOUND BOX STRUCTURE CAPABLE OF IMPROVING SOUND QUALITY  
一種可以改善音質的音箱結構

[73] WHEATS AUDIO DESIGN COMPANY LIMITED  
麥子音響設計有限公司  
香港  
九龍旺角彌敦道 610 號  
荷李活商業中心 18 樓 1805-1806 室

[72] Mak Ka Chun 麥嘉俊

[74] 環球邦信知識產權有限公司  
香港  
九龍九龍灣宏照道 33 號  
國際交易中心 6 樓 602-3&5

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**2. 按發表編號排列****Arranged by Publication Number****30061764 - 30061769**

| [11]<br>發表編號    | [51]<br>國際專利分類                            |
|-----------------|-------------------------------------------|
| Publication No. | International<br>Patent<br>Classification |
| 30061764        | B25J 9/16                                 |
| 30061765        | A23L 33/135, A23L 33/145                  |
| 30061766        | H01R 1/02                                 |
| 30061767        | G06F 1/18                                 |
| 30061768        | G06F 1/16                                 |
| 30061769        | F16M 11/06                                |

**3. 按申請編號排列****Arranged by Application Number****30061764 - 30061769**

| [21]<br>申請編號    | [11]<br>發表編號    |
|-----------------|-----------------|
| Application No. | Publication No. |
| 32022049033.0   | 30061764        |
| 32022049631.1   | 30061765        |
| 32022051393.3   | 30061766        |
| 32022052178.7   | 30061767        |
| 32022052190.2   | 30061768        |
| 32022052205.8   | 30061769        |

#### 4. 按專利所有人名稱排列

##### Arranged by Name of Proprietor

30061764 - 30061769

| [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. |
| BioMed Technology Holdings Limited<br>生物醫學科技控股有限公司                    | A23L 33/135, A23L 33/145                  | 30061765           |
| C & S SMARTSAFE LIMITED 信安智能保安技術有限公司                                  | B25J 9/16                                 | 30061764           |
| QIANHAI JUNDA (SHENZHEN) EQUITY INVESTMENT CO., LTD. 前海駿達(深圳)股权投资有限公司 | G06F 1/18                                 | 30061767           |
| QIANHAI JUNDA (SHENZHEN) EQUITY INVESTMENT CO., LTD. 前海駿達(深圳)股权投资有限公司 | G06F 1/16                                 | 30061768           |
| QIANHAI JUNDA (SHENZHEN) EQUITY INVESTMENT CO., LTD. 前海駿達(深圳)股权投资有限公司 | F16M 11/06                                | 30061769           |
| WHEATS AUDIO DESIGN COMPANY LIMITED 麥子音響設計有限公司                        | H01R 1/02                                 | 30061766           |



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. |
| 04105496.4      | 1062573         | CN1474854                                |
| 08101527.2      | 1108857         | EP1814713                                |
| 09101994.5      | 1124838         | CN101289442                              |
| 12109870.2      | 1169198         | EP2502155                                |
| 12112654.8      | 1171719         | EP2498992                                |
| 13103166.7      | 1176117         | EP2499490                                |
| 14102369.3      | 1189986         | EP2639760                                |
| 14102726.1      | 1189909         | EP2638163                                |
| 14109649.0      | 1196305         | EP2776093                                |
| 14112755.4      | 1199230         | EP2776269                                |
| 15104792.5      | 1204384         | EP2805316                                |
| 15106041.9      | 1205574         | CN104281435                              |
| 15106149.0      | 1205587         | CN104636895                              |
| 15106757.3      | 1206476         | CN104464473                              |
| 15107230.8      | 1206729         | CN104768947                              |
| 15107439.7      | 1207960         | EP2830651                                |
| 15107915.0      | 1207322         | CN104363931                              |
| 15108089.8      | 1207651         | EP2896632                                |
| 15108465.2      | 1207895         | CN104685129                              |
| 15108707.0      | 1208028         | CN104812740                              |
| 15109279.6      | 1208692         | CN104870483                              |
| 15109283.0      | 1208623         | CN104869981                              |
| 15109458.9      | 1208733         | EP2920635                                |
| 15109631.9      | 1209229         | EP2922053                                |

|            |         |             |
|------------|---------|-------------|
| 15110287.4 | 1209599 | EP2916665   |
| 15110461.2 | 1209832 | EP2917739   |
| 15110558.6 | 1209668 | EP2916896   |
| 15110658.5 | 1210182 | EP2920211   |
| 15110946.7 | 1210160 | EP2871181   |
| 15111144.5 | 1210535 | EP2917887   |
| 15111244.4 | 1210516 | EP2873906   |
| 15111485.2 | 1210747 | CN104648279 |
| 15111525.4 | 1210689 | EP2942040   |
| 15111623.5 | 1210894 | EP2918077   |
| 15112251.2 | 1211599 | EP2917238   |
| 15112294.1 | 1211478 | CN104707143 |
| 15112418.2 | 1211430 | CN104918494 |
| 15112483.2 | 1211701 | CN104838269 |
| 15112693.8 | 1211841 | CN104780903 |
| 15112849.1 | 1212064 | CN104903834 |
| 16100088.5 | 1212493 | CN105190648 |
| 16100090.1 | 1215701 | CN105051016 |
| 16100229.5 | 1212156 | EP2923577   |
| 16100506.9 | 1212875 | CN104797210 |
| 16100770.8 | 1213008 | CN104838004 |
| 16100777.1 | 1212884 | CN105120843 |
| 16100819.1 | 1212930 | CN104800931 |
| 16100861.8 | 1213009 | CN104822828 |
| 16100891.2 | 1212977 | EP2917183   |
| 16101515.6 | 1213692 | EP2917941   |
| 16101588.8 | 1213582 | EP2918603   |
| 16101634.2 | 1213520 | CN105169555 |
| 16101774.2 | 1213863 | CN104995113 |
| 16101822.4 | 1213927 | EP2915829   |
| 16101847.5 | 1213888 | EP2917207   |
| 16101940.1 | 1213816 | CN105228619 |
| 16101951.7 | 1213895 | EP2917206   |
| 16102010.4 | 1214244 | CN105209461 |
| 16102060.3 | 1214137 | CN104888193 |
| 16102432.4 | 1214200 | CN104884168 |
| 16102482.3 | 1214693 | CN104904157 |
| 16102516.3 | 1214640 | EP2920471   |
| 16102579.7 | 1214631 | CN105063186 |



|               |          |             |
|---------------|----------|-------------|
| 16102742.9    | 1214765  | EP2916834   |
| 16102756.2    | 1214802  | EP2917130   |
| 16102862.3    | 1215079  | CN104919462 |
| 16102890.9    | 1214934  | CN          |
| 16102925.8    | 1215118  | EP2918111   |
| 16102927.6    | 1214941  | EP2916787   |
| 16102993.5    | 1214919  | EP2916647   |
| 16102995.3    | 1214971  | EP2916877   |
| 16103058.5    | 1215259  | EP2917235   |
| 16103066.5    | 1215030  | EP2917184   |
| 16103075.4    | 1215091  | EP2939097   |
| 16103078.1    | 1215094  | EP2939095   |
| 16103079.0    | 1215315  | EP2939096   |
| 16103293.0    | 1215484  | EP2966606   |
| 16103741.8    | 1216031  | EP2930220   |
| 16103958.6    | 1216016  | EP2934452   |
| 16103959.5    | 1216020  | EP2934696   |
| 16104325.0    | 1216295  | CN104994814 |
| 62020019593.6 | 40029227 | GB2578394   |
| 62021037149.3 | 40047988 | CN113226288 |



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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.**

**06.11.2021 - 12.11.2021**

|                   |                   |                   |         |
|-------------------|-------------------|-------------------|---------|
| <b>06.11.2021</b> | 1098484           | 1153885           | 1225597 |
|                   | 1106074           | 1158356           | 1225598 |
| 1146649           | 1166545           | 1166541           |         |
| 1153668           | 1182512           | 1173316           |         |
| 1162672           | 1187022           | 1203619           |         |
| 1162673           | 1189385           |                   |         |
| 1176002           | 1199613           | <b>11.11.2021</b> |         |
| 1196463           | 1207203           |                   |         |
| 1200660           | 1212037           | 1075159           |         |
| 1210042           |                   | 1108589           |         |
| 1215371           | <b>09.11.2021</b> | 1162293           |         |
| 1216786           |                   | 1187306           |         |
| 1223464           | 1118175           | 1191416           |         |
|                   | 1119798           | 1209108           |         |
| <b>07.11.2021</b> | 1144493           | 1209399           |         |
|                   | 1154433           | 1212065           |         |
| 1115131           | 1166199           | 1213936           |         |
| 1123654           | 1168555           | 1220437           |         |
| 1131457           | 1173756           |                   |         |
| 1131836           | 1174435           | <b>12.11.2021</b> |         |
| 1134541           | 1175678           |                   |         |
| 1182610           | 1187370           | 1075335           |         |
| 1200141           | 1187919           | 1079214           |         |
| 1203472           | 1202749           | 1148669           |         |
| 1204649           | 1213525           | 1148704           |         |
| 1207159           | 1213757           | 1161378           |         |
| 1212294           | 1219263           | 1166535           |         |
| 1214141           |                   | 1170388           |         |
|                   | <b>10.11.2021</b> | 1175166           |         |
| <b>08.11.2021</b> |                   | 1176206           |         |
|                   | 1103689           | 1197446           |         |
| 1066825           | 1116872           | 1205729           |         |
| 1074750           | 1125824           | 1207856           |         |
| 1097074           | 1146402           | 1225424           |         |



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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.**

**19.05.2022 - 23.05.2022**

**19.05.2022**

1068388  
1076603  
1137659

**20.05.2022**

1050954  
1064303  
1066039  
1067489  
1074909

**21.05.2022**

1058143  
1065128  
1066595

**22.05.2022**

1068687  
1069451  
1069762  
1093672  
1112366

**23.05.2022**

1058713  
1062721  
1066080  
1066216



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## 根據專利條例第 44(2) 條撤銷轉錄標準專利

### **Revocation of a standard patent (R) under section 44(2) of the Patents Ordinance**

下列轉錄標準專利已於2022年05月17日提交公告撤銷轉錄標準專利

**Notice of revocation of the standard patent (R) filed on 17 May 2022**

[11] 1164714

[54] FORMULATIONS OF 4-AMINO-2-(2,6-DIOXOPIPERIDINE-3-  
YL) ISOINDOLINE-1,3-DIONE

4-氨基-2-(2,6-二氧代哌啶-3-基)異吲哚啉-1,3-二酮的製劑

[73] Celgene Corporation



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## 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] 1226037

[71] Correction of the Chinese name of the applicant:  
From 萊斯維克私人有限公司 to 勒斯维克私人有限责任公司。  
更正申請人的中文姓名或名稱：  
由“萊斯維克私人有限公司”更正為“勒斯维克私人有限责任公司”。

[11] 1241750

[72] Correction of the English name of the 1st inventor:  
From GORE, Anurandha, V. to GORE, ANURADHA, V..  
更正第一發明人的英文姓名：  
由 GORE, Anurandha, V. 更正為 GORE, ANURADHA, V.。

[11] 1258343

[72] Correction of the English and Chinese names of the inventor:  
From George T. SANTAMARIA 喬治·T·聖瑪利亞 to George Thomas  
SANTAMARIA 乔治·托马斯·圣马丽亚。  
更正發明人的中、英文姓名：  
由 George T. SANTAMARIA 喬治·T·聖瑪利亞 更正為 George Thomas  
SANTAMARIA 乔治·托马斯·圣马丽亚。

增補漏記的發明人

Addition of Inventor

[11] 40008371

[72] Troy Smillie 特洛伊·斯迈利  
Isabel Andrea Garcia Tornadu 伊莎贝尔·安德里亚·加西亚·托尔纳杜



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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.**

**06.11.2021 - 10.11.2021**

**06.11.2021**

1237193

**07.11.2021**

1237190

**10.11.2021**

1238074

1253961



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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.**

**20.05.2022 - 25.05.2022**

**20.05.2022**

1193936  
1199599

**21.05.2022**

1192997  
1193002  
1194243  
1194246  
1199789

**25.05.2022**

1193313



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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 **24.05.2022** 獲准許

Request for correction allowed on **24.05.2022**

[11] 1248809

[72] Correction of the English name of the inventor:

From MATTHIAS, Wagner to Matthias WAGNER.

更正發明人的英文姓名：

由 MATTHIAS, Wagner 更正為 Matthias WAGNER。

[11] 1248809

[71] Correction of the name and address of the applicant:

From

"Premium Genetics (UK) Limited

Alpha Building

London Road

Stapeley, Nantwich

Cheshire CW5 7JW

UNITED KINGDOM"

to

"WAGNER, Matthias

44 Stearns Street, Cambridge, MA 02138, USA".

更正申請人的名稱及地址：

由

Premium Genetics (UK) Limited

Alpha Building

London Road

Stapeley, Nantwich

Cheshire CW5 7JW

UNITED KINGDOM

更正為

WAGNER, Matthias

44 Stearns Street, Cambridge, MA 02138, USA。

增補漏記的發明人

Addition of Inventor

[11] 1227041

[72] Lafkas, Daniel





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## **勘誤**

### **CORRIGENDUM**

已在香港知識產權公報刊登的《根據專利條例第 27 條發表批予轉錄標準專利》公告項目更正如下(用粗字體顯示):

The following items in bold show the corrected data of the Notice of Granted Standard Patents (R) previously published under section 27 of the Patents Ordinance in the Hong Kong Intellectual Property Journal:

香港知識產權公報日期 2022 年 04 月 22 日 Hong Kong Intellectual Property Journal dated 22.04.2022

[11] 40006185

[72] KRAVITZ, David W.

**GRAHAM, Donald Houston III**

BOUDETT, Josselyn L.

DIETZ, Russell S.