

# 香港知識產權公報

Hong Kong Intellectual Property Journal

2022 年 2 月 11 日

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## 目錄 Contents

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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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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

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

1. 按國際專利分類排列

Arranged by International Patent Classification

2. 按發表編號排列

Arranged by Publication Number

3. 按申請編號排列

Arranged by Application Number

4. 按專利所有人姓名 / 名稱排列

Arranged by Name of Proprietor

**根據專利條例(第 514 章)公布的其他公告**

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

根據專利條例第 20 條發表後撤回，當作已予撤回或被拒的申請

Applications withdrawn, deemed to have been withdrawn, or refused, after publication under section 20 of the Patents Ordinance

根據專利條例第 39 條，標準專利因未繳續期費而停止有效

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

根據專利條例第 39(1) (b) 條，標準專利 20 年期屆滿終止

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

根據專利條例第 51 條，更改註冊紀錄冊的資料

## Changes in the Register under section 51 of the Patents Ordinance

根據專利條例第 126 條，短期專利因未繳續期費而停止有效

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

根據專利條例第 126(1)(b)條，短期專利 8 年期屆滿終止

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

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

## 以下事項沒有記錄

### No Records for the Following Matters

根據專利條例第 37Q 條發表原授標準專利申請

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

根據專利條例第 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(2) 條撤銷轉錄標準專利

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

根據專利條例第 44(4) 條撤銷轉錄標準專利

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

根據專利條例第 46 條，獲批專利後修訂專利說明書

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

根據專利條例第 48 條，放棄專利

Surrender of Patents under section 48 of the Patents Ordinance

根據專利條例第 49 條以公共秩序或道德為理由撤銷專利

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

根據專利條例第 91 條撤銷專利

Revocation of Patents under section 91 of the Patents Ordinance

根據專利條例第 102 條，在侵犯專利或撤銷專利的法律程序中修訂專利說明書

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

根據專利條例第 106(3) 條，請求發表經更正的譯本

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

根據專利條例第 127B 或 127D 條，獲批專利後修訂專利說明書

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

根據專利條例第 127 條，已失效的短期專利的恢復

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

根據專利條例第 127G 條撤銷短期專利

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

在法院進行的法律程序中，修訂專利說明書

Amendment of Patent Specification in Court Proceedings

勘誤

Corrigendum

## 註釋

### A. INID 代碼

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

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

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

## B. 分類索引

1. 分類索引按照國際專利分類排列。

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

## C. 發表編號索引

發表編號索引按照發表編號由小至大排列。

## D. 申請編號索引

申請編號索引按照申請編號由小至大排列。

## E. 姓名 / 名稱索引

### 概要

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

### 法人名稱

3. 公告會按申請人提供的資料，刊出法人的姓名 / 名稱。



## F. 補充資料

### 文件代碼

#### 1. 本公報使用下列文件代碼識別所發表的事項:

根據《專利條例》批予的原授標準專利

A = 發表申請

B = 發表已批予專利的說明書

C = 發表經修訂或更正的說明書(已批予專利)

A9= 發表經更正的說明書(已發表申請)

短期專利

A = 發表已批予專利的說明書

B = 發表經修訂或更正的說明書

根據《專利條例》批予的轉錄標準專利

A = 發表記錄請求

B = 發表已批予專利的說明書

C = 發表經修訂或更正的說明書(已批予專利)

A9= 發表經更正的說明書(已發表記錄請求)

憑藉《專利(過渡性安排)規則》批予的標準專利

A = 發表已批予專利的說明書

B = 發表經修訂或更正的說明書

### 指定專利當局的發表編號

#### 2. 在發表編號[11]一欄下面的編號，便是相應指定專利當局的發表編號。

## Notes

### A. INID Codes

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

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

## **B. Classification Index**

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

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

## **C. Publication Number Index**

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

## **D. Application Number Index**

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

## **E. Name Index**

### General

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

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

### Names of Legal Entities

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

## **F. Supplementary Details**

### Document Codes

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

Standard Patents (O) Granted under the Patents Ordinance

A = Publication of application

B = Publication of granted patent specification

C = Publication of amended or corrected specification after grant

A9 = Publication of corrected specification of published application

Short-term Patents

A = Publication of granted patent specification

B = Publication of amended or corrected specification

Standard Patents (R) Granted under the Patents Ordinance

A = Publication of request to record

B = Publication of granted patent specification

C = Publication of amended or corrected specification after grant

A9 = Publication of corrected specification of published request to record

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

A = Publication of granted patent specification

B = Publication of amended or corrected specification

### Publication Number of Designated Patent Office

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



香港特別行政區政府知識產權署專利註冊處

The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department**根據專利條例第 20 條發表的指定專利申請記錄請求****Requests to Record Designated Patent Applications published under section 20 of the Patents Ordinance****1. 按國際專利分類排列****Arranged by International Patent Classification****40053413 - 40053762**

[51] A01N 25/08 [11] 40053676  
A01N 43/16 EP3829299 A1  
A01N 43/36  
[13] A

[25] EN  
[21] 62021041972.2 [22] 05.11.2021

[86] 31.07.2019 PCT/US2019/044495  
[87] 06.02.2020 WO2020/028561  
[30] 31.07.2018 US,201862712555P  
18.03.2019 US,201962820006P

[54] BISMUTH-THIOL COMPOSITIONS AND METHODS FOR TREATING WOUNDS  
用於治療傷口的鉍-硫醇組合物和方法

[71] Microbion Corporation  
1102 W. Babcock St., Suite B  
Bozeman, Montana 59715  
UNITED STATES OF AMERICA

[72] BAKER, Brett Hugh James

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

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[51] A01N 25/28 [11] 40053504  
A01N 33/12 CN113558047 A  
A01P 1/00  
B01D 35/00  
D06M 15/555  
D06M 11/76  
D06M 13/463  
D06M 23/12  
D21H 21/36  
D21H 17/52

D21H 17/67  
D21H 17/07  
D06M 101/20

[13] A

[25] ZH

[21] 42021043059.1 [22] 25.11.2021

[30] 28.04.2020 JP, 2020-079530

[54] BACTERICIDAL NANOCAPSULE, GRAPE-LIKE PARTICLE AGGREGATE,  
DISINFECTION AND STERILIZATION FILTER AND THEIR MANUFACTURING  
METHOD

殺菌性納米膠囊、葡萄狀微粒集合體、消毒殺菌過濾器 and 它們的製造方法

[71] ELETEN CO., LTD.  
7-16 NISHIAZABU 4-CHOME  
MINATO-KU, TOKYO 106-0031  
JAPAN

[72] JEREMY WONG  
TOSHIAKI FUKUSHIMA

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

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[51] A01N 33/12 [11] 40053504  
A01N 25/28 CN113558047 A  
[13] A

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[51] A01N 43/16 [11] 40053676  
A01N 25/08 EP3829299 A1  
[13] A

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[51] A01N 43/36 [11] 40053676  
A01N 25/08 EP3829299 A1  
[13] A

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[51] A01N 51/00 [11] 40053469  
C07J 43/00 EP3885352 A1  
[13] A

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[51] A01P 1/00 [11] 40053504  
A01N 25/28 CN113558047 A  
[13] A

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | A23C 9/123<br>C12N 1/20 | [11] | 40053470<br>CN113151036 A |
|      |                         | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A23C 9/152<br>A23L 33/18 | [11] | 40053466<br>CN112806580 A |
|      |                          | [13] | A                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | A23K 10/18<br>C12N 1/20 | [11] | 40053470<br>CN113151036 A |
|      |                         | [13] | A                         |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A23L 33/135<br>A61K 35/745 | [11] | 40053451<br>EP3851115 A1 |
|      |                            | [13] | A                        |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A23L 33/135<br>C12N 1/20 | [11] | 40053470<br>CN113151036 A |
|      |                          | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A23L 33/17<br>A23L 33/18 | [11] | 40053466<br>CN112806580 A |
|      |                          | [13] | A                         |

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|      |                                        |      |                           |
|------|----------------------------------------|------|---------------------------|
| [51] | A23L 33/18<br>A23L 33/17<br>A23C 9/152 | [11] | 40053466<br>CN112806580 A |
|      |                                        | [13] | A                         |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021042571.6 | [22] | 17.11.2021 |
|------|---------------|------|------------|

[30] 15.03.2013 US,13/833039

[54] NUTRITIONAL COMPOSITIONS CONTAINING A PEPTIDE COMPONENT WITH  
ADIPONECTIN STIMULATING PROPERTIES AND USES THEREOF  
含有具有脂連蛋白刺激特性的肽組分的營養組合物及其用途

[71] MJN U.S. HOLDINGS LLC  
2400 WEST LLOYD EXPRESSWAY  
EVANSVILLE, INDIANA 47721  
UNITED STATES OF AMERICA

[72] DIRK HONDMANN  
ERIC A. F. VAN TOL  
GABRIELE GROSS  
MARIEKE H. SCHOEMAKER  
TEARTSE TIM LAMBERS  
TANIA ROMACHO  
MANUELA ELSEN  
JÜRGEN ECKEL

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

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[51] A24F 40/20 [11] 40053573  
A24F 40/465 EP3871521 A1  
[13] A

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[51] A24F 40/40 [11] 40053447  
A24F 40/50 EP3845080 A1  
[13] A

[25] EN

[21] 42021042530.2 [22] 16.11.2021

[30] 03.01.2012 EP,12150114  
13.02.2012 EP,12155241

[54] ELECTRICAL SYSTEM  
電氣系統

[71] Philip Morris Products S.A.  
Quai Jeanrenaud 3  
2000 Neuchâtel  
SWITZERLAND

[72] GREIM, Olivier

[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] A24F 40/465 [11] 40053573  
A24F 40/50 EP3871521 A1  
H05B 6/10  
A24F 40/20  
[13] A

[25] EN

[21] 42021043329.8 [22] 30.11.2021

[30] 09.08.2017 EP,17185588



- [54] AEROSOL GENERATING SYSTEM WITH MULTIPLE INDUCTOR COILS  
具有多個電感線圈的氣溶膠生成系統
- [71] Philip Morris Products S.A.  
Quai Jeanrenaud 3  
2000 Neuchâtel  
SWITZERLAND
- [72] REEVELL, Tony  
MIRONOV, Oleg  
COURBAT, Jerome Christian  
STURA, Enrico
- [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] A24F 40/50 [11] 40053447  
A24F 40/40 EP3845080 A1  
[13] A
- 

- [51] A24F 40/50 [11] 40053448  
A61M 15/06 EP3850964 A1  
A61M 11/04  
[13] A

[25] EN

[21] 42021042531.0 [22] 16.11.2021

[30] 03.01.2012 EP,12150114  
13.02.2012 EP,12155241

[54] AEROSOL-GENERATING SYSTEM  
氣溶膠生成系統

[71] Philip Morris Products S.A.  
Quai Jeanrenaud 3  
2000 Neuchâtel  
SWITZERLAND

[72] GREIM, Olivier

[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] A24F 40/50 [11] 40053573  
A24F 40/465 EP3871521 A1  
[13] A
- 

- [51] A24F 40/57 [11] 40053632

EP3831225 A1

[13] A

[25] EN

[21] 42021043939.4 [22] 08.12.2021

[30] 18.10.2006 US,550634

[54] TOBACCO-CONTAINING SMOKING ARTICLE  
含煙草的吸煙物品[71] RAI Strategic Holdings, Inc.  
401 North Main Street  
Winston-Salem, NC 27101  
UNITED STATES OF AMERICA[72] ROBINSON, John, Howard  
GRIFFITH, David, William, Jr.  
CONNER, Billy, Tyrone  
CROOKS, Evon, Llewellyn  
BREWER, Dempsey, Bailey, Jr.[74] CHLOE LEE & CO.  
1104 Tai Tung Building  
8 Fleming Road, Wanchai  
HONG KONG[51] A24F 47/00 [11] 40053463  
A61M 15/00 EP3821735 A1

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[25] EN

[21] 42021042562.5 [22] 16.11.2021

[30] 05.12.2014 US,US201462088464P  
31.07.2015 US,US201562199828P[54] CALIBRATED DOSE CONTROL  
校準劑量控制[71] Juul Labs, Inc.  
560 20th Street, Building 104  
San Francisco, CA 94107  
UNITED STATES OF AMERICA[72] Bowen, Adam  
Monsees, James  
Atkins, Ariel  
Esteban Leon, Duque  
Ingebrethsen, Bradley[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG[51] A24F 47/00 [11] 40053738  
A61M 15/06 EP3829366 A1

A61M 11/04  
H05B 3/00  
A61M 16/00

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[25] EN

[21] 62021042909.3 [22] 23.11.2021

[86] 31.07.2019 PCT/US2019/044546

[87] 06.02.2020 WO2020/028591

[30] 31.07.2018 US,US201862712919P

[54] CARTRIDGE-BASED HEAT NOT BURN VAPORIZER  
基於筒的加熱汽化器

[71] Juul Labs, Inc.  
560 20th Street, Building 104  
San Francisco, CA 94107  
UNITED STATES OF AMERICA

[72] BOWEN, Adam  
JOBANPUTRA, Rishi, D.  
MONSEES, James  
NEWBOLD, Andrew

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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CN112867412 A  
[13] A

[25] EN

[21] 62021042732.9 [22] 19.11.2021

[86] 12.07.2019 PCT/US2019/041641

[87] 23.04.2020 WO2020/081133

[30] 19.10.2018 US,62/747,981

[54] KNITTED COMPONENT WITH RAISED STRUCTURE AND METHODS OF  
MANUFACTURE  
具有凸起結構的針織部件和製造方法

[71] NIKE INNOVATE C.V.  
耐克创新有限合伙公司  
One Bowerman Drive  
Beaverton, OR 97005  
UNITED STATES OF AMERICA

[72] BARTYS, Samuel, L. 塞繆爾·L·巴蒂斯  
MARISCAL, JoseLuis 何塞路易斯·马里斯卡尔  
WIBERG, Seth, M. 塞斯·M·维贝格  
DANBY, Nicola, A. 尼古拉·A·丹比

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

Cyberport Road  
HONG KONG

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| [51] | A43B 1/04 | [11] | 40053754      |
|      | D04B 1/12 |      | CN112912549 A |
|      |           | [13] | A             |

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| [51] | A43B 13/14 | [11] | 40053479      |
|      | A43B 13/32 |      | CN113615934 A |
|      |            | [13] | A             |

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| [51] | A43B 13/22 | [11] | 40053479      |
|      | A43B 13/32 |      | CN113615934 A |
|      |            | [13] | A             |

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| [51] | A43B 13/32 | [11] | 40053479      |
|      | A43B 13/14 |      | CN113615934 A |
|      | A43B 13/22 |      |               |
|      |            | [13] | A             |

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[21] 42021042741.5 [22] 16.06.2020

[30] 30.11.2018 US,16/206,772

[62] 16.06.2020 42020009399.5

[54] PLIANT LAYER PEELABLY ADHERED TO AN OUTSOLE OF A SHOE  
以可剝離方式黏附到鞋的鞋底的可彎曲層

[71] S9, LLC  
S9 公司  
24850 Old 41 ROAD  
# 10, Bonita Springs, FL 34135  
UNITED STATES OF AMERICA

[72] OCHIPA, Matthew 馬修·歐契帕  
CHENCINER, John M. 約翰·M·切西那

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

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| [51] | A43B 23/02 | [11] | 40053633      |
|      | B29C 64/10 |      | CN113059790 A |
|      |            | [13] | A             |

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B29C 64/10 CN113059790 A  
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G11B 3/70 CN112951278 A  
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B67D 3/00 CN112930128 A  
[13] A

[25] EN

[21] 62021041674.4 [22] 03.11.2021

[86] 24.10.2019 PCT/KR2019/014066

[87] 28.05.2020 WO2020/105876

[30] 20.11.2018 KR,10-2018-0143539

20.11.2018 KR,10-2018-0143542

[54] HAIR DYE DISPENSER AND SYSTEM COMPRISING THEREOF  
染髮劑分配器及包括其的系統

[71] LG FAROUK CO.

LG 法鲁克股份公司

23th Fl., 2806, Nambusunhwan-ro

Gangnam-gu, Seoul, 06292

REPUBLIC OF KOREA

[72] Kyung Sik JANG 张庆植

Jeong Ho LEE 李程镐

Jung Yong LEE 李征勇

Seong Lok HWANG 黄成錄

Sang Min LEE 李相旻

Joong Hun KIM 金重宪

[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] A47C 16/00 [11] 40053694  
A47C 31/00 EP3855980 A2  
[13] A

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[51] A47C 20/02 [11] 40053694  
A47C 31/00 EP3855980 A2

[13] A

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[51] A47C 27/08 [11] 40053694  
A47C 31/00 EP3855980 A2  
[13] A

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[51] A47C 31/00 [11] 40053694  
A47C 16/00 EP3855980 A2  
A61G 5/10  
A47C 20/02  
B68G 5/00  
A47C 27/08  
[13] A

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[21] 62021042696.6 [22] 19.11.2021  
[86] 26.09.2019 PCT/IB2019/001463  
[87] 08.10.2020 WO2020/201805  
[30] 25.09.2018 US,201862736452P  
25.09.2019 US,201916583251  
[54] AN ADJUSTABLE WHEELCHAIR SEAT CUSHION APPARATUS  
可調式輪椅坐墊裝置  
[71] Supracor, Inc.  
2050 Corporate Court, San Jose  
CA 95131-1753  
UNITED STATES OF AMERICA  
[72] WILSON, Susan L.  
LANDI, Curtis L.  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] A47J 31/00 [11] 40053683  
EP3876799 A1  
[13] A  
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[21] 62021041986.2 [22] 05.11.2021  
[86] 07.11.2019 PCT/EP2019/080559  
[87] 14.05.2020 WO2020/094794  
[30] 08.11.2018 IT,102018000010150  
[54] ESPRESSO COFFEE MACHINE WITH ADJUSTMENT OF THE DISPENSING  
PRESSURE AND METHOD FOR ADJUSTING THE DISPENSING PRESSURE OF  
AN ESPRESSO COFFEE MACHINE

具有對分配壓力的調節功能的濃縮咖啡機器以及用於調節濃縮咖啡機器的分配壓力的方法

- [71] La Marzocco S.r.l.  
Via La Torre 14/H  
50038 Scarperia (FI)  
ITALY
- [72] DELLA PIETRA, Stefano  
GATTI, Riccardo
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
HONG KONG

- 
- [51] A47K 10/24 [11] 40053419  
CN112773236 A  
[13] A
- [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
- [71] 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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- [51] A61B 10/02 [11] 40053757  
A61B 17/16 EP3890617 A1  
A61B 17/32  
[13] A
- [25] EN
- [21] 62021043053.9 [22] 25.11.2021
- [86] 26.11.2019 PCT/IB2019/060173
- [87] 11.06.2020 WO2020/115611
- [30] 03.12.2018 IT,102018000010757
- [54] SURGICAL INSTRUMENT FOR SCRAPING AND COLLECTING BONE  
PARTICLES  
用於刮取和收集骨顆粒的手術器械

- [71] C.G.M. S.P.A.  
C•G•M•股份公司  
22-24 Via Modena  
42015 CORREGGIO (RE)  
ITALY
- [72] PARMIGIANI, Corrado Saverio 科拉多·萨莱里奥·帕尔米贾尼
- [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 17/00 [11] 40053506  
D04B 21/20 EP3835470 A1  
[13] A

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- [51] A61B 17/00 [11] 40053541  
A61B 34/20 EP3903714 A1  
[13] A

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- [51] A61B 17/00 [11] 40053726  
A61B 17/12 CN112955079 A  
A61M 25/00  
A61M 25/10  
[13] A

[25] EN

[21] 62021042750.1 [22] 19.11.2021

[86] 26.03.2019 PCT/US2019/024065

[87] 26.03.2020 WO2020/060587

[30] 23.09.2018 EP,PCT/EP2018/075716

[54] MEDICAL OCCLUSION DEVICE

醫療閉塞裝置

[71] UNIVERSITÄT ZÜRICH

苏黎世大学

Prorektorat VNW Rämistrasse 71, 8006 Zürich

SWITZERLAND

瑞士

苏黎世市

[72] MAISANO, Francesco 弗朗西斯科·迈萨诺

GUIDOTTI, Andrea 安德里亚·吉多蒂

TOBIS, Idan 伊丹·托比斯

ZARBATANY, David 大卫·萨尔巴塔尼



[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] | A61B 17/06 | [11] | 40053506     |
|      | D04B 21/20 |      | EP3835470 A1 |
|      |            | [13] | A            |

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| [51] | A61B 17/12 | [11] | 40053726      |
|      | A61B 17/00 |      | CN112955079 A |
|      |            | [13] | A             |

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| [51] | A61B 17/16 | [11] | 40053757     |
|      | A61B 10/02 |      | EP3890617 A1 |
|      |            | [13] | A            |

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| [51] | A61B 17/32 | [11] | 40053757     |
|      | A61B 10/02 |      | EP3890617 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61B 17/56 | [11] | 40053439     |
|      | A61F 2/30  |      | EP3838195 A1 |
|      |            | [13] | A            |

[25] EN

[21] 42021042506.2 [22] 15.11.2021

[30] 25.11.2015 US,201562260030 P

[54] METHODS, SYSTEMS AND DEVICES FOR REPAIRING ANATOMICAL JOINT  
CONDITIONS

用於修復解剖關節病症的方法、系統和設備

[71] SUBCHONDRAL SOLUTIONS, INC.

147, Hillbrook Drive

Los Gatos, CA 95032

UNITED STATES OF AMERICA

[72] DEE, Derek

MAURER, Chris

[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] A61B 18/02 [11] 40053436  
CN113243983 A  
[13] A  
[25] ZH  
[21] 42021042490.9 [22] 15.11.2021  
[30] 10.02.2020 US,16/785,686  
[54] CRYOGEN PUMP  
冷凍劑泵  
[71] IceCure Medical Ltd.  
艾斯酷瑞医药有限公司  
7 HaEshel Street P.O. Box 3163  
Caesarea, 3088900  
ISRAEL  
[72] Ron Hilleli R·希勒利  
Shai Kaufman 沙伊·考夫曼  
Naum Muchnik 纳姆·穆奇尼克  
[74] HNC INNOVATION LIMITED  
Units 1205-1208, Cyberport 2, No. 100  
Cyberport Road  
HONG KONG

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[51] A61B 18/12 [11] 40053523  
A61B 18/14 CN112914714 A  
[13] A  
[25] ZH  
[21] 42021043106.0 [22] 25.11.2021  
[54] LAPAROSCOPIC ULTRAPOLAR ELECTROSURGERY DEVICE  
腹腔鏡超極性電外科裝置  
[71] I.C. MEDICAL, INC.  
I.C.醫療股份有限公司  
15002 N. 25th Drive, Phoenix, AZ 85023  
UNITED STATES OF AMERICA  
[72] 伊恩·考斯麥斯庫  
[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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[51] A61B 18/14 [11] 40053523  
A61B 18/12 CN112914714 A  
[13] A

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[51] A61B 34/00 [11] 40053541  
A61B 34/20 EP3903714 A1

[13] A

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- [51] A61B 34/20 [11] 40053541  
A61B 90/00 EP3903714 A1  
A61B 17/00  
A61B 34/00  
A61B 90/50
- [13] A
- [25] EN
- [21] 42021043147.4 [22] 26.11.2021
- [30] 29.04.2020 US,16/861,741
- [54] REGISTRATION OF SURGICAL TOOL WITH REFERENCE ARRAY TRACKED BY  
CAMERAS OF AN EXTENDED REALITY HEADSET FOR ASSISTED  
NAVIGATION DURING SURGERY  
具有由擴展現實耳機的相機跟踪的參考陣列的手術工具的配準以用於手術期間的輔助導航
- [71] Globus Medical, Inc.  
Valley Forge Business Center 2560 General Armistead Avenue  
Audubon, PA 19403  
UNITED STATES OF AMERICA
- [72] CALLOWAY, Thomas  
DULIN, Isaac
- [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] A61B 5/00 [11] 40053677  
G16H 40/63 CN112770666 A  
G16H 50/20
- [13] A
- [25] EN
- [21] 62021041974.8 [22] 05.11.2021
- [86] 04.10.2019 PCT/EP2019/076972
- [87] 09.04.2020 WO2020/070318
- [30] 05.10.2018 EP,18198954.2
- [54] DIGITAL BIOMARKERS FOR ASSESSING SCHIZOPHRENIA  
用於評估精神分裂症的數字生物標誌物
- [71] F. HOFFMANN-LA ROCHE AG  
GRENZACHERSTRASSE 124  
CH-4070 BASEL  
SWITZERLAND
- [72] GOSENS, Christian  
KILCHENMANN, Timothy  
LINDEMANN, Michael

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

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[51] A61B 90/00 [11] 40053541  
A61B 34/20 EP3903714 A1  
[13] A

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[51] A61B 90/50 [11] 40053541  
A61B 34/20 EP3903714 A1  
[13] A

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[51] A61F 2/00 [11] 40053710  
EP3836866 A1  
[13] A

[25] EN  
[21] 62021042728.7 [22] 19.11.2021  
[86] 13.08.2019 PCT/US2019/046369  
[87] 20.02.2020 WO2020/036972  
[30] 15.08.2018 US,62/764,917  
[54] SYSTEMS FOR ENTERIC DELIVERY OF THERAPEUTIC AGENTS  
用於治療劑的腸遞送的系統  
[71] Lyndra Therapeutics, Inc.  
65 Grove Street, Suite 301  
Watertown, Massachusetts 02472  
UNITED STATES OF AMERICA  
[72] GRANT, Tyler  
KANASTY, Rosemary  
ALTREUTER, David  
BELLINGER, Andrew  
WEIGHT, Alisha  
ZALE, Stephen  
LOW, Susan  
[74] HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED  
Room 1701, 17/F, Hong Kong Trade Centre  
Nos. 161-167 Des Voeux Road, Central  
HONG KONG

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[51] A61F 2/30 [11] 40053439  
A61B 17/56 EP3838195 A1  
[13] A

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| [51] | A61F 7/00 | [11] | 40053432      |
|      | A61N 1/30 |      | CN112791308 A |
|      |           | [13] | A             |

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| [51] | A61G 5/10  | [11] | 40053694     |
|      | A47C 31/00 |      | EP3855980 A2 |
|      |            | [13] | A            |

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| [51] | A61H 23/02 | [11] | 40053432      |
|      | A61N 1/30  |      | CN112791308 A |
|      |            | [13] | A             |

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| [51] | A61H 7/00 | [11] | 40053432      |
|      | A61N 1/30 |      | CN112791308 A |
|      |           | [13] | A             |

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| [51] | A61K 127/00 | [11] | 40053508      |
|      | A61K 31/05  |      | CN113368086 A |
|      |             | [13] | A             |

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| [51] | A61K 133/00 | [11] | 40053508      |
|      | A61K 31/05  |      | CN113368086 A |
|      |             | [13] | A             |

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| [51] | A61K 31/05  | [11] | 40053508      |
|      | A61K 36/60  |      | CN113368086 A |
|      | A61P 25/28  |      |               |
|      | A61P 25/16  |      |               |
|      | A61K 127/00 |      |               |
|      | A61K 133/00 |      |               |
|      |             | [13] | A             |

[25] ZH

|      |               |      |            |
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| [21] | 42021043077.3 | [22] | 25.11.2021 |
|------|---------------|------|------------|

[54] CANNABINOID COMPOSITION AND APPLICATION OF THE SAME IN  
PREPARING DRUGS FOR TREATING NEURODEGENERATIVE DISEASES  
INCLUDING PD AND AD

一種大麻素組合物及其在製備治療帕金森、阿爾茨海默等神經退行性疾病的藥物中的應用

[71] Hempire (Shanghai) Pharmaceutical R&D Limited  
龙麻(上海)医药研发有限责任公司  
中國  
上海市浦东新区自由贸易试验区芳春路 400 号  
1 幢 3 层

[72] ZOU Chendong 邹陈东  
TAI Hei 戴平  
WANG Guijiang 王贵江  
XIAO Wan 肖挽  
HUANG Sui 黄穗

[74] 智雅知識產權代理公司  
香港  
荃灣青山道 264-298 號  
南豐中心 1905 室

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[51] A61K 31/137 [11] 40053658  
A61K 45/06 EP3834824 A1  
A61P 35/04  
A61P 35/00

[13] A

[25] EN

[21] 42021044239.8 [22] 09.12.2021

[30] 28.03.2014 US,201461971627 P  
10.10.2014 US,201414512061  
06.03.2015 US,201562129379 P

[54] METHOD OF TREATING CANCER USING SELECTIVE ESTROGEN RECEPTOR  
MODULATORS  
使用選擇性雌激素受體調節劑治療癌症的方法

[71] Duke University  
2812 Erwin Road, Suite 306  
Durham, NC 27705  
UNITED STATES OF AMERICA

[72] WARDELL, Suzanne, E.  
NELSON, Erik, R.  
MCDONNELL, Donald, P.

[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] A61K 31/192 [11] 40053703  
C07C 211/27 EP3830070 A1  
[13] A

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[51] A61K 31/195 [11] 40053435  
A61P 9/04 EP3851100 A1  
[13] A

[25] EN

[21] 42021042489.1 [22] 15.11.2021

[30] 13.08.2012 US,201213584713

[54] PROBENECID FOR TREATING DECOMPENSATED HEART FAILURE  
用於治療失代償性心力衰竭的丙磺舒

[71] University of Cincinnati  
2900 Reading Road, Suite 460  
Cincinnati, OH 45206  
UNITED STATES OF AMERICA

[72] RUBINSTEIN, Jack  
JONES, W., Keith

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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1 Harbour Road, Wanchai  
HONG KONG

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[51] A61K 31/232 [11] 40053699  
A61P 3/06 CN112912071 A  
A61P 9/10  
[13] A

[25] EN

[21] 62021042704.8 [22] 19.11.2021

[86] 15.08.2019 PCT/US2019/046710

[87] 20.02.2020 WO2020/037153

[30] 17.08.2018 US,62/719,404

[54] METHODS OF REDUCING THE NEED FOR PERIPHERAL ARTERIAL  
REVASCULARIZATION IN A STATIN-TREATED SUBJECT  
降低接受他汀類藥物治療的受試者對外周動脈血運重建的需求的方法

[71] AMARIN PHARMACEUTICALS IRELAND LIMITED  
阿瑪林製藥愛爾蘭有限公司  
2 Pembroke House, Upper Pembroke Street 28-32  
Dublin 2  
IRELAND

[72] GRANOWITZ, Craig 克雷格·格蘭諾維茨  
PHILIP, Sephy 瑟菲·菲利普

[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] A61K 31/352 [11] 40053715  
A61K 9/00 CN113473965 A

[13] A

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[51] A61K 31/381 [11] 40053728  
C07D 333/60 EP3907221 A1  
[13] A

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[51] A61K 31/395 [11] 40053673  
C07D 487/04 CN113544130 A  
[13] A

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[51] A61K 31/397 [11] 40053433  
A61K 9/20 EP3831378 A1  
A61P 21/00  
A61P 25/28  
A61P 37/00  
[13] A

[25] EN

[21] 42021042487.5 [22] 16.02.2017

[30] 10.04.2014 US,201461977816 P

[62] 16.02.2017 17101700.0

[54] S1P MODULATOR IMMEDIATE RELEASE DOSAGE REGIMEN  
S1P 調節劑的立即釋放劑量方案

[71] Novartis AG  
Lichtstrasse 35  
4056 Basel  
SWITZERLAND

[72] Bouilllot, Philippe Michel René  
Dahlke, Frank  
Legangneux, Eric  
Reynaud, Emeric  
Wallstroem, Erik

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

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[51] A61K 31/407 [11] 40053680  
A61P 31/12 CN112888480 A  
[13] A

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[51] A61K 31/415 [11] 40053536  
C07D 231/14 EP3828173 A1



[13] A

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[51] A61K 31/4162 [11] 40053570  
C07D 471/18 EP3828186 A2  
[13] A

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[51] A61K 31/4245 [11] 40053459  
C07D 271/06 EP3889142 A1  
[13] A

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[51] A61K 31/426 [11] 40053547  
A61K 31/4745 EP3831380 A2  
A61K 31/475  
A61K 47/54  
A61K 49/00  
A61K 51/04  
A61P 13/08  
A61P 25/28  
A61P 35/00  
A61P 43/00  
[13] A

[25] EN

[21] 42021043231.6 [22] 29.11.2021

[30] 17.08.2007 US,956489P  
20.06.2008 US,74358

[54] PSMA BINDING LIGAND-LINKER CONJUGATES AND METHODS FOR USING  
PSMA 結合配體-接頭綴合物及其使用方法

[71] Purdue Research Foundation  
Office of Technology Commercialization, 1801 Newman Road  
West Lafayette, IN 47906  
UNITED STATES OF AMERICA

[72] LOW, Philip, Stewart  
KULARATNE, Sumith, A.

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

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[51] A61K 31/436 [11] 40053680  
A61P 31/12 CN112888480 A  
[13] A

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| [51] | A61K 31/437<br>A61K 31/506<br>A61K 31/519<br>A61K 31/565<br>A61P 35/00<br>C07D 401/14<br>C07D 471/04<br>C07D 487/04<br>C07J 31/00 | [11] | 40053731<br>CN112912078 A |  |
|      |                                                                                                                                   | [13] | A                         |  |
| [25] | EN                                                                                                                                |      |                           |  |
| [21] | 62021042857.4                                                                                                                     | [22] | 23.11.2021                |  |
| [86] | 13.09.2019 PCT/IB2019/001035                                                                                                      |      |                           |  |
| [87] | 19.03.2020 WO2020/053664                                                                                                          |      |                           |  |
| [30] | 13.09.2018 US, 62/730,837                                                                                                         |      |                           |  |
| [54] | COMBINATION THERAPY FOR THE TREATMENT OF ESTROGEN-RECEPTOR<br>POSITIVE BREAST CANCER<br>用於治療雌激素受體陽性乳腺癌的組合療法                       |      |                           |  |
| [71] | NEWSOARA BIOPHARMA CO., LTD.<br>恒翼生物醫藥科技(上海)有限公司<br>中國<br>201203 上海市浦東新區中國(上海)自由貿易試驗區蔡倫路 1690 號<br>3 號樓 413 室                     |      |                           |  |
| [72] | CAMPEAU, Eric 艾立克·坎珀<br>KHARENKO, Olesya 奧列西婭·卡瑞寇<br>VAN DER HORST, Edward, T.H. 艾德華·T·H·范德赫斯特                                    |      |                           |  |
| [74] | 君合律師事務所<br>香港<br>中環康樂廣場 1 號<br>怡和大廈 37 樓 3701-10 室                                                                                |      |                           |  |

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|------|----------------------------|------|---------------------------|--|
| [51] | A61K 31/437<br>C07D 498/04 | [11] | 40053745<br>CN112867721 A |  |
|      |                            | [13] | A                         |  |

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|      |                             |      |                          |  |
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| [51] | A61K 31/4375<br>C07D 215/40 | [11] | 40053556<br>EP3828171 A1 |  |
|      |                             | [13] | A                        |  |

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|------|----------------------------|------|---------------------------|--|
| [51] | A61K 31/439<br>C07D 471/08 | [11] | 40053743<br>CN112839944 A |  |
|      |                            | [13] | A                         |  |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/444 | [11] | 40053680      |
|      | A61P 31/12  |      | CN112888480 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/453  | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/47  | [11] | 40053556     |
|      | C07D 215/40 |      | EP3828171 A1 |
|      |             | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4709 | [11] | 40053564      |
|      | C07D 401/12  |      | CN113004249 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4709 | [11] | 40053753      |
|      | C07D 401/14  |      | CN113302188 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4725 | [11] | 40053680      |
|      | A61P 31/12   |      | CN112888480 A |
|      |              | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4745 | [11] | 40053547     |
|      | A61K 31/426  |      | EP3831380 A2 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/475 | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/495 | [11] | 40053753      |
|      | C07D 401/14 |      | CN113302188 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/498 | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4985 | [11] | 40053556     |
|      | C07D 215/40  |      | EP3828171 A1 |
|      |              | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/506 | [11] | 40053731      |
|      | A61K 31/437 |      | CN112912078 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/517 | [11] | 40053553      |
|      | C07D 239/70 |      | CN112898210 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/519 | [11] | 40053464      |
|      | C07D 487/04 |      | CN113135920 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/519 | [11] | 40053475     |
|      | C07D 487/04 |      | EP3831833 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/519 | [11] | 40053503     |
|      | A61K 35/00  |      | EP3824890 A1 |
|      | A61P 37/06  |      |              |
|      | A61K 39/395 |      |              |
|      | A61K 39/00  |      |              |
|      | A61K 45/06  |      |              |
|      |             | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021043050.0 | [22] | 25.11.2021 |
|------|---------------|------|------------|

[30] 16.05.2011 US,201161486697 P

[54] INDUCTION OF IMMUNE TOLERANCE USING METHOTREXATE  
使用甲氨蝶呤誘導免疫耐受性

[71] Genzyme Corporation  
50 Binney Street

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UNITED STATES OF AMERICA

[72] JOSEPH, Alexandra  
RICHARDS, Susan  
RUZEK, Melanie  
GARMAN, Richard

[74] WILKINSON & GRIST  
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HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/519 | [11] | 40053556     |
|      | C07D 215/40 |      | EP3828171 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/519 | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/519 | [11] | 40053731      |
|      | A61K 31/437 |      | CN112912078 A |
|      |             | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/5375 | [11] | 40053749     |
|      | A61K 31/5377 |      | EP3836935 A1 |
|      |              | [13] | A            |

[25] EN

[21] 62021042945.7 [22] 24.11.2021

[86] 13.08.2019 PCT/US2019/046411

[87] 20.02.2020 WO2020/036999

[30] 14.08.2018 US, 62/718, 929

05.12.2018 US, 62/775, 797

19.04.2019 US, 62/836, 511

[54] TREATMENT OF B CELL MALIGNANCIES  
B 細胞惡性腫瘤的治療

[71] MEI Pharma, Inc.  
11455 El Camino Real, Suite 250  
San Diego, CA 92130  
UNITED STATES OF AMERICA

[72] GOLD, Daniel P.

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

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HONG KONG

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|      |                                                                                                                                                     |      |                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 31/5377<br>A61P 35/02<br>A61P 35/04                                                                                                            | [11] | 40053748<br>EP3836936 A1 |
|      |                                                                                                                                                     | [13] | A                        |
| [25] | EN                                                                                                                                                  |      |                          |
| [21] | 62021042944.0                                                                                                                                       | [22] | 24.11.2021               |
| [86] | 13.08.2019 PCT/US2019/046408                                                                                                                        |      |                          |
| [87] | 20.02.2020 WO2020/036997                                                                                                                            |      |                          |
| [30] | 14.08.2018 US, 62/718,926<br>19.04.2019 US, 62/836,507                                                                                              |      |                          |
| [54] | TREATMENT OF RELAPSED FOLLICULAR LYMPHOMA<br>復發性濾泡性淋巴瘤的治療                                                                                           |      |                          |
| [71] | MEI Pharma, Inc.<br>11455 El Camino Real, Suite 250<br>San Diego, CA 92130<br>UNITED STATES OF AMERICA                                              |      |                          |
| [72] | GOLD, Daniel P.                                                                                                                                     |      |                          |
| [74] | HONG KONG KING&SUN INTELLIGENCE CONSULTANCY LIMITED<br>Room 1701, 17/F, Hong Kong Trade Centre<br>Nos. 161-167 Des Voeux Road, Central<br>HONG KONG |      |                          |

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|      |                              |      |                          |
|------|------------------------------|------|--------------------------|
| [51] | A61K 31/5377<br>A61K 31/5375 | [11] | 40053749<br>EP3836935 A1 |
|      |                              | [13] | A                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 31/56<br>C07J 63/00 | [11] | 40053429<br>EP3831839 A2 |
|      |                          | [13] | A                        |

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|      |                            |      |                           |
|------|----------------------------|------|---------------------------|
| [51] | A61K 31/565<br>A61K 31/437 | [11] | 40053731<br>CN112912078 A |
|      |                            | [13] | A                         |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 31/566<br>C07J 9/00 | [11] | 40053565<br>EP3828194 A1 |
|      |                          | [13] | A                        |

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[51] A61K 31/5685 [11] 40053420  
A61K 31/453 CN113546084 A  
A61K 38/24  
A61P 5/26  
A61P 15/00  
A61P 15/10  
A61P 9/00  
A61P 25/24  
A61P 19/10  
A61P 21/00  
A61P 3/04  
A61P 3/06  
A61P 25/28  
A61P 17/14  
A61P 15/08  
A61P 15/14  
A61P 7/06  
A61P 3/02  
A61P 3/10  
A61P 5/50  
A61P 25/20  
A61P 9/10  
A61P 9/12

[13] A

[25] ZH

[21] 42021042400.8 [22] 28.12.2016

[30] 10.03.2014 US, 61/950,644  
04.03.2015 US, 14/638,763

[62] 28.12.2016 16114750.3

[54] TREATMENT OF MALE ANDROGEN DEFICIENCY SYMPTOMS OR DISEASES  
WITH SEX STEROID PRECURSOR COMBINED WITH SERM  
以性類固醇前體結合 SERM 的雄性激素缺乏症或疾病的治療

[71] Endorecherche, Inc.  
恩多研究公司  
2989, de la Promenade  
Quebec City, QC G1W 2J5  
CANADA

[72] LABRIE, Fernand 費爾南德·萊伯里  
GAUTHIER, Sylvain 西爾萬·戈捷

[74] MARKS & CLERK  
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HONG KONG

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[51] A61K 31/575 [11] 40053429  
C07J 63/00 EP3831839 A2  
[13] A

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[51] A61K 31/575 [11] 40053469  
C07J 43/00 EP3885352 A1  
[13] A

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[51] A61K 31/575 [11] 40053565  
C07J 9/00 EP3828194 A1  
[13] A

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[51] A61K 31/58 [11] 40053429  
C07J 63/00 EP3831839 A2  
[13] A

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[51] A61K 31/58 [11] 40053469  
C07J 43/00 EP3885352 A1  
[13] A

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[51] A61K 31/675 [11] 40053662  
C07F 9/6584 EP3788054 A1  
[13] A

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[51] A61K 31/7088 [11] 40053688  
A61K 48/00 CN112770783 A  
[13] A

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[51] A61K 31/7088 [11] 40053752  
C07C 219/06 EP3823634 A1  
C07C 229/12  
[13] A

[25] EN

[21] 62021042950.7 [22] 24.11.2021

[86] 19.07.2019 PCT/US2019/042600

[87] 30.01.2020 WO2020/023311

[30] 21.07.2018 US, 62/701,759

[54] NEUTRAL LIPOSOMES CONTAINING BIOLOGICALLY ACTIVE AGENTS  
含生物活性劑的中性脂質體

[71] University of Tennessee Research Foundation  
UT Conference Center, Suite 211  
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UNITED STATES OF AMERICA



[72] FISHER, Richard K.  
MOUNTAIN, Deidra J.h.  
GRANDAS, Oscar H.

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/7105 | [11] | 40053688      |
|      | A61K 48/00   |      | CN112770783 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/712 | [11] | 40053557     |
|      | C12N 15/113 |      | EP3828275 A1 |
|      |             | [13] | A            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/7125 | [11] | 40053557     |
|      | C12N 15/113  |      | EP3828275 A1 |
|      |              | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 33/06  | [11] | 40053516      |
|      | A61K 36/904 |      | CN112843192 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 33/243 | [11] | 40053544      |
|      | A61K 38/16  |      | CN113350481 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 33/26   | [11] | 40053517      |
|      | A61K 36/8888 |      | CN112843162 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 35/00  | [11] | 40053503     |
|      | A61K 31/519 |      | EP3824890 A1 |
|      |             | [13] | A            |

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[51] A61K 35/17 [11] 40053468  
C12N 5/0783 EP3821898 A1  
A61K 39/00  
A61P 35/00  
A61P 35/02  
[13] A

[25] EN

[21] 42021042576.5 [22] 17.11.2021

[30] 01.03.2013 US,201361771247 P

[54] METHODS OF PRODUCING ENRICHED POPULATIONS OF TUMOR-REACTIVE T  
CELLS FROM TUMOR  
從腫瘤中產生腫瘤反應性 T 細胞的富集群的方法

[71] The United States of America, as represented by The  
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National Institutes of Health, Office of Technology Transfer,  
6011 Executive Boulevard  
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[72] Gros, Alena  
Rosenberg, Steven A.

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[51] A61K 35/17 [11] 40053685  
C07K 16/30 EP3814383 A1  
[13] A

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[51] A61K 35/17 [11] 40053747  
C07K 14/725 CN112888707 A  
[13] A

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[51] A61K 35/28 [11] 40053520  
C12N 5/0775 CN113373112 A  
[13] A

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[51] A61K 35/618 [11] 40053517  
A61K 36/8888 CN112843162 A  
[13] A

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 35/744<br>C12N 1/20 | [11] | 40053470<br>CN113151036 A |
|      |                          | [13] | A                         |

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|      |                                                                     |      |                          |
|------|---------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 35/745<br>A61K 35/747<br>A23L 33/135<br>A61K 9/48<br>A61P 3/00 | [11] | 40053451<br>EP3851115 A1 |
|      |                                                                     | [13] | A                        |

[25] EN

[21] 42021042534.4 [22] 16.11.2021

[54] PROBIOTIC COMPOSITION FOR ITS USE AS AN ANTIOXIDANT  
用作抗氧化劑的益生菌組合物

[71] Biopolis, S.L.  
Parc Cientific Universitat de Valencia, Catedraticos  
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[72] CHENOLL CUADROS, Maria Empar  
MARTORELL GUEROLA, Patricia  
GENOVÉS MARTÍNEZ, Salvador  
RAMÓN VIDAL, Daniel  
LÓPEZ ROMÁN, Francisco Javier  
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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | A61K 35/745<br>C12N 1/20 | [11] | 40053470<br>CN113151036 A |
|      |                          | [13] | A                         |

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| [51] | A61K 35/747<br>A61K 35/745 | [11] | 40053451<br>EP3851115 A1 |
|      |                            | [13] | A                        |

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| [51] | A61K 35/768<br>C12N 7/01 | [11] | 40053716<br>CN112996908 A |
|      |                          | [13] | A                         |

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[51] A61K 36/185 [11] 40053715  
A61K 9/00 CN113473965 A  
[13] A

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[51] A61K 36/48 [11] 40053679  
A61K 9/127 EP3840728 A1  
[13] A

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[51] A61K 36/60 [11] 40053508  
A61K 31/05 CN113368086 A  
[13] A

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[51] A61K 36/8888 [11] 40053517  
A61P 1/04 CN112843162 A  
A61K 35/618  
A61K 33/26  
[13] A

[25] ZH

[21] 42021043097.1 [22] 25.11.2021

[54] A TRADITIONAL CHINESE MEDICINE COMPOSITION FOR HARMONIZING  
STOMACH AND LOWERING ADVERSE QI, CLEARING HEAT AND REMOVING  
DAMPNESS, AND PREPARATION METHOD AND APPLICATION THEREOF  
一種和胃降逆、清熱除濕的中藥組合物、製備方法及應用

[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 LEI 張磊  
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LI WEN HUI 李文慧  
SUN JING 孫靜  
HUANG NENG TING 黃能聽

[74] 龔春暉  
香港  
新界白石角香港科學園三期  
15W 601-607 室

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[51] A61K 36/899 [11] 40053679  
A61K 9/127 EP3840728 A1  
[13] A

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[51] A61K 36/904 [11] 40053516  
A61P 11/00 CN112843192 A  
A61P 11/14  
A61P 11/06  
A61K 33/06  
[13] A

[25] ZH

[21] 42021043096.3 [22] 25.11.2021

[54] A TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING  
CHILDREN POST-INFECTIOUS COUGH, AND PREPARATION METHOD AND  
APPLICATION THEREOF  
一種治療兒童感冒後咳嗽的中藥組合物、製備方法及其應用

[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 LEI 張磊  
DING PAN SHUANG 丁盼爽  
LI WEN HUI 李文慧  
XIA SHU XUE 夏書雪  
LIU JUN 劉軍

[74] 龔春暉  
香港  
新界白石角香港科學園三期  
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[25] EN

[21] 42021043027.8 [22] 25.11.2021

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[54] METHOD TO PREDICT RESPONSE TO PHARMACOLOGICAL CHAPERONE  
TREATMENT OF DISEASES  
預測對藥理陪伴分子治療疾病的反應的方法

[71] AMICUS THERAPEUTICS, INC.  
3675 Market Street  
Philadelphia, PA 19104  
UNITED STATES OF AMERICA

[72] BENJAMIN, Elfrida  
DO, Hung V  
WU, Xiaoyang  
FLANAGAN, John  
WUSTMAN, Brandon

[74] ECCLES & LEE  
Suite 3212, Jardine House  
1 Connaught Place, Central  
HONG KONG

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| [51] | A61K 38/00 | [11] | 40053668      |
|      | C07K 16/28 |      | CN112789292 A |
|      |            | [13] | A             |

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| [51] | A61K 38/16  | [11] | 40053544      |
|      | A61K 33/243 |      | CN113350481 A |
|      | A61P 35/00  |      |               |
|      | A61P 35/04  |      |               |
|      | C07K 14/415 |      |               |
|      | C07K 1/36   |      |               |
|      | C07K 1/34   |      |               |
|      | C07K 1/16   |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021043211.8 [22] 26.11.2021

[30] 04.03.2020 CN, 202010143127.4  
17.08.2020 CN, PCT/CN2020/109639

[54] USE OF MAP30 PROTEIN FROM BITTER MELON IN MANUFACTURE OF A  
MEDICAMENT OR A CHEMOTHERAPEUTIC SUPPLEMENT FOR TREATMENTING  
AND PREVENTING OVARIAN CANCER  
苦瓜蛋白 MAP30 在製備預防和治療卵巢癌的藥物或化療補充劑中的用途

[71] THE UNIVERSITY OF HONG KONG  
香港大学  
POKFULAM ROAD  
HONG KONG

[72] CHAN, DAVID WAI 陈卫  
NGAN, HEXTAN YUEN SHEUNG 颜婉嫦

[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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|      |            |      |               |
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|      | C12N 7/01  |      | CN112996908 A |
|      |            | [13] | A             |

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| [51] | A61K 38/20 | [11] | 40053682      |
|      | C07K 14/55 |      | CN112771072 A |
|      |            | [13] | A             |

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| [51] | A61K 38/24   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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| [51] | A61K 38/28 | [11] | 40053741      |
|      | A61P 5/48  |      | CN112839707 A |
|      |            | [13] | A             |

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| [51] | A61K 38/45 | [11] | 40053434     |
|      | C12N 15/86 |      | EP3851537 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 38/46  | [11] | 40053566     |
|      | C07K 14/315 |      | EP3842063 A1 |
|      |             | [13] | A            |

[25] EN

[21] 42021043272.0 [22] 29.11.2021

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[54] CAS9 VARIANTS AND USES THEREOF  
CAS9 變體及其用途

[71] President and Fellows of Harvard College  
17 Quincy Street, Cambridge  
MA 02138  
UNITED STATES OF AMERICA

[72] LIU, David, R.  
GUILINGER, John, Paul  
THOMPSON, David, B.

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

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[51] A61K 38/47 [11] 40053628  
A61K 39/395 CN113209288 A  
[13] A

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[51] A61K 38/47 [11] 40053744  
A61K 48/00 CN113631182 A  
[13] A

[25] EN

[21] 62021042935.8 [22] 24.11.2021

[86] 10.10.2019 PCT/US2019/055679

[87] 16.04.2020 WO2020/077114

[30] 10.10.2018 US, 62/744,069

[54] DISULFIDE BOND STABILIZED POLYPEPTIDE COMPOSITIONS AND  
METHODS OF USE

二硫鍵穩定的多肽組合物和使用方法

[71] AMICUS THERAPEUTICS, INC.

阿米库斯治疗学公司

1 Cedar Brook Drive

Cranbury, NJ 08512

UNITED STATES OF AMERICA

美国

新泽西州

[72] DO, Hung H·杜

LIU, Ce Feng 刘策峰

[74] IVAN WONG IP LIMITED

Unit 1102, 11/F.

88 Gloucester Road, Wanchai

HONG KONG

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[51] A61K 39/00 [11] 40053468  
A61K 35/17 EP3821898 A1  
[13] A

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[51] A61K 39/00 [11] 40053503  
A61K 31/519 EP3824890 A1  
[13] A

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[51] A61K 39/00 [11] 40053627  
C07K 14/47 EP3915577 A1  
C07K 7/06  
[13] A

[25] EN



[21] 42021043919.6 [22] 08.12.2021

[30] 01.03.2016 GB,201603568  
01.03.2016 US,201662302010 P

[54] PEPTIDES, COMBINATION OF PEPTIDES, AND CELL BASED MEDICAMENTS  
FOR USE IN IMMUNOTHERAPY AGAINST URINARY BLADDER CANCER AND  
OTHER CANCERS  
用於膀胱癌和其他癌症免疫治療的肽、肽組合物和細胞類藥物

[71] Immatics Biotechnologies GmbH  
Paul-Ehrlich-Strasse 15, 72076 Tübingen  
GERMANY

[72] Mahr, Andrea  
Weinschenk, Toni  
Song, Colette  
Schoor, Oliver  
Fritsche, Jens  
Singh, Harpreet

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

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A61K 39/395 CN113209288 A  
[13] A

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[51] A61K 39/00 [11] 40053682  
C07K 14/55 CN112771072 A  
[13] A

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[51] A61K 39/00 [11] 40053693  
A61P 35/00 EP3833442 A2  
[13] A

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[51] A61K 39/00 [11] 40053719  
A61K 39/39 CN113329764 A  
A61P 35/00  
A61P 37/04  
A61K 47/69  
[13] A

[25] JA

[21] 62021042743.6 [22] 19.11.2021

[86] 29.01.2020 PCT/JP2020/003076

[87] 06.08.2020 WO2020/158771

- [30] 29.01.2019 JP,2019-013556
- [54] CANCER VACCINE PREPARATION  
癌疫苗製劑
- [71] MIE UNIVERSITY  
国立大学法人三重大学  
1577, KURIMAMACHIYA-CHO  
TSU-SHI, MIE, 5148507  
JAPAN
- KYOTO UNIVERSITY  
国立大学法人京都大学  
36-1, YOSHIDA-HONMACHI, SAKYO-KU  
KYOTO-SHI, KYOTO 606-8501  
JAPAN
- CHUGAI SEIYAKU KABUSHIKI KAISHA  
中外制药株式会社  
5-1, UKIMA 5-CHOME, KITA-KU  
TOKYO 115-8543  
JAPAN
- [72] SHIKU, HIROSHI 珠玖洋  
AKIYOSHI, KAZUNARI 秋吉一成  
HIRAKURA, TAI 平仓泰  
SHIMOBOJI, TSUYOSHI 下房地刚  
NAKAI, TAKASHI 中井贵士  
CHUANOI, SAYAN S·丘阿诺伊  
TOGAWA, HIDEYUKI 外川秀幸
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
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- 
- [51] A61K 39/00 [11] 40053732  
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[13] A
- [25] EN
- [21] 62021042859.0 [22] 23.11.2021
- [86] 04.09.2019 PCT/EP2019/073564
- [87] 12.03.2020 WO2020/049036
- [30] 05.09.2018 EP,18192782.3  
03.01.2019 EP,19150251.7
- [54] NEOANTIGEN TARGETING DNA VACCINE FOR COMBINATION THERAPY  
用於聯合療法的靶向新抗原的 DNA 疫苗
- [71] Vaximm AG  
Hochbergerstrasse 60c  
4057 Basel  
SWITZERLAND

[72] LUBENAU, Heinz

[74] MARKS & CLERK

Level 9, Cyberport 1

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HONG KONG

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[51] A61K 39/00 [11] 40053755  
C07K 16/28 EP3843778 A1  
A61P 35/00  
A61P 31/12

[13] A

[25] EN

[21] 62021042954.9 [22] 24.11.2021

[86] 30.08.2019 PCT/EP2019/073257

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[30] 31.08.2018 EP,18306153.0

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[54] CHIMERIC ANTIGEN RECEPTORS AGAINST MULTIPLE HLA-G ISOFORMS

針對多種 HLA-G 同種型的嵌合抗原受體

[71] INVECTYS SA

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[72] LOUSTAU, Maria

ANNA, François

LANGLADE DEMOYEN, Pierre

CAUMARTIN, Julien

[74] CHINAHONGKONG IP LIMITED

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151 Gloucester Road, Wanchai

HONG KONG

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C07K 14/55 CN112771072 A  
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[51] A61K 39/39 [11] 40053719  
A61K 39/00 CN113329764 A  
[13] A

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[51] A61K 39/395 [11] 40053430  
C07K 16/28 CN113045654 A  
[13] A

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[51] A61K 39/395 [11] 40053431  
C07K 16/28 CN113045655 A  
[13] A

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[51] A61K 39/395 [11] 40053460  
C07K 16/30 CN113549153 A  
[13] A

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[51] A61K 39/395 [11] 40053503  
A61K 31/519 EP3824890 A1  
[13] A

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[51] A61K 39/395 [11] 40053628  
A61K 39/00 CN113209288 A  
A61K 31/519  
A61K 38/47  
A61K 45/06  
A61P 25/00  
A61P 37/02  
A61P 35/00  
A61P 37/06  
A61P 7/06  
A61P 3/00  
A61P 43/00  
A61P 37/00  
[13] A

[25] ZH

[21] 42021043921.2 [22] 08.12.2021

[30] 16.05.2011 US, 61/486,697

[54] INDUCTION OF IMMUNE TOLERANCE BY USING METHOTREXATE  
使用甲氨蝶呤誘導免疫耐受性

[71] GENZYME CORPORATION

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UNITED STATES OF AMERICA

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[72] A·乔瑟夫

S·理查兹

M·鲁泽克

R·加曼

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| [51] | A61K 39/395<br>C07K 16/24<br>A61P 9/00<br>A61P 9/10<br>A61P 41/00                                 | [11] | 40053657<br>CN113018431 A |
|      |                                                                                                   | [13] | A                         |
| [25] | ZH                                                                                                |      |                           |
| [21] | 42021044231.5                                                                                     | [22] | 09.12.2021                |
| [30] | 04.10.2012 US, 61/709,754                                                                         |      |                           |
| [54] | TREATING VASCULAR DISEASE AND COMPLICATIONS THEREOF<br>治療血管疾病及其併發症                                |      |                           |
| [71] | Janssen Biotech, Inc.<br>800/850 Ridgeview Drive<br>Horsham, PA 19044<br>UNITED STATES OF AMERICA |      |                           |
| [72] | John SIMARD                                                                                       |      |                           |
| [74] | DEACONS<br>5th Floor, Alexandra House<br>Central<br>HONG KONG                                     |      |                           |

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|      |                           |      |                          |
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| [51] | A61K 39/395<br>A61P 29/00 | [11] | 40053740<br>EP3837013 A1 |
|      |                           | [13] | A                        |

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|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 39/395<br>A61K 47/64<br>A61K 47/68                                                                                                                                                                 | [11] | 40053746<br>EP3886904 A1 |
|      |                                                                                                                                                                                                         | [13] | A                        |
| [25] | EN                                                                                                                                                                                                      |      |                          |
| [21] | 62021042942.4                                                                                                                                                                                           | [22] | 24.11.2021               |
| [86] | 02.12.2019 PCT/US2019/064070                                                                                                                                                                            |      |                          |
| [87] | 04.06.2020 WO2020/113233                                                                                                                                                                                |      |                          |
| [30] | 30.11.2018 US, 62/774,051<br>04.01.2019 US, 62/788,460<br>18.01.2019 US, 62/793,992<br>29.03.2019 US, 62/826,743<br>08.04.2019 US, 62/831,007<br>22.05.2019 US, 62/851,427<br>28.06.2019 US, 62/868,574 |      |                          |

17.07.2019 US,62/875,347

26.07.2019 US,62/879,117

[54] IRAK DEGRADERS AND USES THEREOF  
IRAK 降解劑和其用途

[71] Kymera Therapeutics, Inc.  
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Cambridge, Massachusetts 02139  
UNITED STATES OF AMERICA

[72] MAINOLFI, Nello  
JI, Nan  
KLUGE, Arthur F.  
WEISS, Matthew M.  
ZHANG, Yi  
ZHENG, Xiaozhang

[74] MARKS & CLERK  
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HONG KONG

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|------|-------------|------|---------------|
| [51] | A61K 45/00  | [11] | 40053745      |
|      | C07D 498/04 |      | CN112867721 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61K 45/06 | [11] | 40053430      |
|      | C07K 16/28 |      | CN113045654 A |
|      |            | [13] | A             |

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| [51] | A61K 45/06 | [11] | 40053431      |
|      | C07K 16/28 |      | CN113045655 A |
|      |            | [13] | A             |

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| [51] | A61K 45/06 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61K 45/06 | [11] | 40053470      |
|      | C12N 1/20  |      | CN113151036 A |
|      |            | [13] | A             |

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| [51] | A61K 45/06  | [11] | 40053503     |
|      | A61K 31/519 |      | EP3824890 A1 |

[13] A

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|------|-------------|------|---------------|
| [51] | A61K 45/06  | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61K 45/06  | [11] | 40053658     |
|      | A61K 31/137 |      | EP3834824 A1 |
|      |             | [13] | A            |

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| [51] | A61K 45/06 | [11] | 40053716      |
|      | C12N 7/01  |      | CN112996908 A |
|      |            | [13] | A             |

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| [51] | A61K 47/54  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|------|-------------|------|--------------|
| [51] | A61K 47/64  | [11] | 40053746     |
|      | A61K 39/395 |      | EP3886904 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | A61K 47/68 | [11] | 40053532     |
|      |            |      | EP3824909 A1 |
|      |            | [13] | A            |

[25] EN

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|------|---------------|------|------------|
| [21] | 42021043119.3 | [22] | 25.11.2021 |
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[30] 02.03.2016 US,US201662302562P

[54] ERIBULIN-BASED ANTIBODY-DRUG CONJUGATES AND METHODS OF USE  
基於艾日布林的抗體藥物偶聯物和使用方法

[71] Eisai R&D Management Co., Ltd.  
6-10 Koishikawa, 4-Chome  
Bunkyo-Ku, Tokyo 112-8088  
JAPAN

[72] ALBONE, Earl F.  
CHENG, Xin  
CUSTAR, Daniel W.  
FURUUCHI, Keiji  
LI, Jing

MAJUMDER, Utpal  
UENAKA, Toshimitsu

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|------|-------------|------|--------------|
| [51] | A61K 47/68  | [11] | 40053746     |
|      | A61K 39/395 |      | EP3886904 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/69 | [11] | 40053719      |
|      | A61K 39/00 |      | CN113329764 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61K 47/69 | [11] | 40053739     |
|      | A61K 9/51  |      | EP3829548 A1 |
|      |            | [13] | A            |

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| [51] | A61K 48/00 | [11] | 40053434     |
|      | C12N 15/86 |      | EP3851537 A1 |
|      |            | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 48/00   | [11] | 40053688      |
|      | A61K 9/00    |      | CN112770783 A |
|      | A61K 31/7105 |      |               |
|      | A61K 31/7088 |      |               |
|      | C12Q 1/6886  |      |               |
|      | C12Q 1/6883  |      |               |
|      | G01N 33/53   |      |               |
|      | A61P 19/00   |      |               |
|      | A61P 35/00   |      |               |
|      |              | [13] | A             |

[25] EN

[21] 62021042010.0 [22] 05.11.2021

[86] 29.07.2019 PCT/US2019/043941

[87] 06.02.2020 WO2020/028261

[30] 31.07.2018 US, 62/712,841

29.11.2018 US, 62/772,849

[54] METHODS OF IDENTIFYING PATIENTS LIKELY TO BENEFIT FROM  
TREATMENT WITH A TELOMERASE INHIBITOR  
鑒定可能從端粒酶抑制劑治療中受益的患者的方法



- [71] Geron Corporation  
美國杰龍生物醫藥公司  
919 E. Hillsdale Blvd., Suite 250  
Foster City, CA 94404  
UNITED STATES OF AMERICA
- [72] BUSSOLARI, Jacqueline Cirillo J·C·布索拉里  
HUANG, Fei 黃菲
- [74] LIU, SHEN & ASSOCIATES  
Room 3716, 37/F, Sun Hung Kai Centre  
30 Harbour Road, Wanchai  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 48/00 | [11] | 40053716      |
|      | C12N 7/01  |      | CN112996908 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 48/00 | [11] | 40053744      |
|      | A61K 38/47 |      | CN113631182 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 49/00  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 51/04  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 51/08 | [11] | 40053702     |
|      | C07K 14/68 |      | EP3820886 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 6/54   | [11] | 40053758      |
|      | C07D 303/26 |      | CN113677669 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 6/60   | [11] | 40053758      |
|      | C07D 303/26 |      | CN113677669 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 6/891  | [11] | 40053758      |
|      | C07D 303/26 |      | CN113677669 A |
|      |             | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61K 8/02 | [11] | 40053442      |
|      | A61K 8/34 |      | CN113440425 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61K 8/04 | [11] | 40053442      |
|      | A61K 8/34 |      | CN113440425 A |
|      |           | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61K 8/34  | [11] | 40053442      |
|      | A61K 8/86  |      | CN113440425 A |
|      | A61K 8/73  |      |               |
|      | A61K 8/81  |      |               |
|      | A61K 8/02  |      |               |
|      | A61K 8/04  |      |               |
|      | A61Q 19/08 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021042511.2 [22] 15.11.2021

[30] 27.03.2020 KR,10-2020-0037590

[54] SHEET TYPE FACIAL MASK GEL COMPOSITION, FACIAL MASK SHEET  
COMPRISING THE SAME, AND MANUFACTURING METHOD OF FACIAL MASK  
SHEET  
片型面膜凝膠組合物、包含其的面膜片及面膜片製備方法

[71] AMOREPACIFIC CORPORATION  
株式會社愛茉莉太平洋  
100, HANGANG-DAERO, YONGSAN-GU  
SEOUL 04386  
REPUBLIC OF KOREA

[72] JANG, JIWOOK 張志旭  
CHOI, YANGGYU 崔良圭  
KIM, MYOUNGWOO 金明佑  
LIM, JAEMIN 林在珉

[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 8/66 [11] 40053714  
A61Q 19/06 CN113382714 A  
[13] A

[25] EN

[21] 62021042734.5 [22] 19.11.2021

[86] 03.01.2020 PCT/US2020/012202

[87] 09.07.2020 WO2020/142701

[30] 06.01.2019 US, 62/788, 916

[54] COLLAGENASE FORMULATIONS AND METHODS OF PRODUCING THE SAME  
膠原酶製劑及其製備方法

[71] ENDO GLOBAL AESTHETICS LIMITED  
恩多全球美学有限公司  
First Floor, Minerva House  
Simmonscourt Road  
Ballsbridge Dublin 4  
IRELAND

[72] SUKURU, Karunakar K·苏库鲁

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

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[51] A61K 8/73 [11] 40053442  
A61K 8/34 CN113440425 A  
[13] A

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[51] A61K 8/81 [11] 40053442  
A61K 8/34 CN113440425 A  
[13] A

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[51] A61K 8/86 [11] 40053442  
A61K 8/34 CN113440425 A  
[13] A

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[51] A61K 9/00 [11] 40053688  
A61K 48/00 CN112770783 A  
[13] A

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[51] A61K 9/00 [11] 40053715  
A61K 36/185 CN113473965 A

A61K 9/14  
A61K 31/352

[13] A

[25] EN

[21] 62021042736.0 [22] 19.11.2021

[86] 11.03.2019 PCT/IL2019/050268

[87] 20.02.2020 WO2020/035850

[30] 13.08.2018 IL,261132

[54] FORMULATED CANNABIS OIL POWDER BY NANOEMULSIFICATION, METHODS  
OF PRODUCING AND USES THEREOF

通過納米乳化配製的大麻油粉末、其產生方法和用途

[71] Karnak Technologies, LLC

卡納克科技有限責任公司

680 FIFTH Ave., 17th Fl

New York, NY 10019

UNITED STATES OF AMERICA

[72] MAGDASSI, Shlomo 沙洛莫·馬格達希

LARUSH, Liraz 利拉斯·拉魯什

EZRA, Rafael 拉斐爾·埃茲拉

[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] A61K 9/00 [11] 40053756  
A61K 9/127 EP3826608 A1  
A61K 9/16

[13] A

[25] EN

[21] 62021043052.1 [22] 25.11.2021

[86] 23.07.2019 PCT/US2019/043074

[87] 30.01.2020 WO2020/023533

[30] 23.07.2018 US,62/702,193

[54] DRY POWDER FORMULATIONS FOR MESSENGER RNA

信使 RNA 的乾粉製劑

[71] Translate Bio, Inc.

29 Hartwell Avenue

Lexington, MA 02421

UNITED STATES OF AMERICA

[72] Shrirang KARVE

Frank DEROSA

Michael HEARTLEIN

Zarna PATEL

Ashish SARODE

[74] DEACONS

5th Floor, Alexandra House

Central  
HONG KONG

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|      |                                                                                                                                                                                                                                     |      |                          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 9/127<br>A61K 36/48<br>A61K 36/899                                                                                                                                                                                             | [11] | 40053679<br>EP3840728 A1 |
|      |                                                                                                                                                                                                                                     | [13] | A                        |
| [25] | EN                                                                                                                                                                                                                                  |      |                          |
| [21] | 62021041977.1                                                                                                                                                                                                                       | [22] | 05.11.2021               |
| [86] | 24.08.2019 PCT/US2019/048046                                                                                                                                                                                                        |      |                          |
| [87] | 27.02.2020 WO2020/041783                                                                                                                                                                                                            |      |                          |
| [30] | 24.08.2018 US,62/722,576                                                                                                                                                                                                            |      |                          |
| [54] | MODIFIED PLANT MESSENGER PACKS AND USES THEREOF<br>修飾的植物信使包及其用途                                                                                                                                                                     |      |                          |
| [71] | Flagship Pioneering Innovations VI, LLC<br>55 Cambridge Parkway, 8th Floor<br>Cambridge, MA 02142<br>UNITED STATES OF AMERICA                                                                                                       |      |                          |
| [72] | VAN ROOIJEN, Maria, Helena, Christine<br>TAM, Hok, Hei<br>AVENDANO AMADO, Maier, Steve<br>MARTIN, Barry, Andrew<br>MARTINEZ, Ignacio<br>KOWALSKI, Piotr, Stanislaw<br>NUKOLOVA, Nataliya, Vladimirovna<br>CASEY, John, Patrick, Jr. |      |                          |
| [74] | MARKS & CLERK<br>Level 9, Cyberport 1<br>100 Cyberport Road, Pok Fu Lam<br>HONG KONG                                                                                                                                                |      |                          |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | A61K 9/127<br>A61K 9/00 | [11] | 40053756<br>EP3826608 A1 |
|      |                         | [13] | A                        |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | A61K 9/14<br>A61K 9/00 | [11] | 40053715<br>CN113473965 A |
|      |                        | [13] | A                         |

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|      |                        |      |                          |
|------|------------------------|------|--------------------------|
| [51] | A61K 9/14<br>A61K 9/51 | [11] | 40053739<br>EP3829548 A1 |
|      |                        | [13] | A                        |

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[51] A61K 9/16 [11] 40053756  
A61K 9/00 EP3826608 A1  
[13] A

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[51] A61K 9/20 [11] 40053433  
A61K 31/397 EP3831378 A1  
[13] A

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[51] A61K 9/48 [11] 40053451  
A61K 35/745 EP3851115 A1  
[13] A

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[51] A61K 9/51 [11] 40053739  
A61K 9/14 EP3829548 A1  
A61K 47/69  
C12N 5/09  
[13] A

[25] EN

[21] 62021042910.1 [22] 23.11.2021

[86] 31.07.2019 PCT/US2019/044454

[87] 06.02.2020 WO2020/028544

[30] 31.07.2018 US,US201862712604P  
04.01.2019 US,US201962788569P

[54] IMMUNE MODIFYING PARTICLES FOR THE TREATMENT OF CANCER  
用於治療癌症的免疫修飾顆粒

[71] Oncour Pharma, Inc.  
2215 Sanders Road, Suite 428  
Northbrook, IL 60062  
UNITED STATES OF AMERICA

[72] PUISIS, John

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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[51] A61M 11/04 [11] 40053448  
A24F 40/50 EP3850964 A1  
[13] A

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[51] A61M 11/04 [11] 40053738  
A24F 47/00 EP3829366 A1

[13] A

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|------|------------|------|--------------|
| [51] | A61M 15/00 | [11] | 40053463     |
|      | A24F 47/00 |      | EP3821735 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 15/06 | [11] | 40053448     |
|      | A24F 40/50 |      | EP3850964 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 15/06 | [11] | 40053738     |
|      | A24F 47/00 |      | EP3829366 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61M 16/00 | [11] | 40053738     |
|      | A24F 47/00 |      | EP3829366 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61M 25/00 | [11] | 40053726      |
|      | A61B 17/00 |      | CN112955079 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61M 25/10 | [11] | 40053726      |
|      | A61B 17/00 |      | CN112955079 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61M 37/00 | [11] | 40053432      |
|      | A61N 1/30  |      | CN112791308 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61N 1/30  | [11] | 40053432      |
|      | A61N 1/32  |      | CN112791308 A |
|      | A61N 5/06  |      |               |
|      | A61M 37/00 |      |               |
|      | A61H 7/00  |      |               |
|      | A61H 23/02 |      |               |
|      | A61N 1/36  |      |               |
|      | A61F 7/00  |      |               |

[13] A

[25] ZH

[21] 42021042484.2 [22] 15.11.2021

[30] 14.11.2019 KR,10-2019-0145605

[54] SKIN CARE DEVICE

皮膚管理裝置

[71] LG HOUSEHOLD &amp; HEALTH CARE LTD.

株式会社 LG 生活健康

03184 (Sinmunno 2-ga) 58

Saemunan-ro, Jongno-gu, Seoul

REPUBLIC OF KOREA

AMOSENSE CO., LTD.

阿莫先恩电子电器有限公司

90, 4sandan 5-gil, Jiksan-eup, Seobuk-gu

Cheonan-si, Chungcheongnam-do

REPUBLIC OF KOREA

[72] Sung Taek OH 吴成泽

Sang Dong JEONG 郑相东

Jin Pyo PARK 朴晋杓

Hyung Kyu KIM 金亨奎

Jung Yong LEE 李征勇

Kyung Won KIM 金敬原

[74] SANYOU INTELLECTUAL PROPERTY LIMITED

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HONG KONG

[51] A61N 1/32

A61N 1/30

[11] 40053432

CN112791308 A

[13] A

[51] A61N 1/36

A61N 1/30

[11] 40053432

CN112791308 A

[13] A

[51] A61N 1/372

H04B 5/00

[11] 40053725

CN113169761 A

[13] A

[51] A61N 5/06

A61N 1/30

[11] 40053432

CN112791308 A

[13] A



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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 1/04    | [11] | 40053517      |
|      | A61K 36/8888 |      | CN112843162 A |
|      |              | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61P 1/04 | [11] | 40053565     |
|      | C07J 9/00 |      | EP3828194 A1 |
|      |           | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 1/16  | [11] | 40053434     |
|      | C12N 15/86 |      | EP3851537 A1 |
|      |            | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 1/16   | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 11/00  | [11] | 40053516      |
|      | A61K 36/904 |      | CN112843192 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 11/06  | [11] | 40053516      |
|      | A61K 36/904 |      | CN112843192 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 11/06  | [11] | 40053556     |
|      | C07D 215/40 |      | EP3828171 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 11/14  | [11] | 40053516      |
|      | A61K 36/904 |      | CN112843192 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 13/08  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 15/00   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 15/08   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 15/10   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 15/14   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 17/00  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 17/14   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 17/18  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61P 19/00 | [11] | 40053688      |
|      | A61K 48/00 |      | CN112770783 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 19/02  | [11] | 40053673      |
|      | C07D 487/04 |      | CN113544130 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 19/10   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 19/10  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 21/00   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 21/00  | [11] | 40053433     |
|      | A61K 31/397 |      | EP3831378 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 23/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/00 | [11] | 40053565     |
|      | C07J 9/00  |      | EP3828194 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/00  | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 25/00  | [11] | 40053673      |
|      | C07D 487/04 |      | CN113544130 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/06 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/08 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/14 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/14 | [11] | 40053695     |
|      | C12N 15/86 |      | EP3826719 A1 |
|      |            | [13] | A            |

[25] EN

[21] 62021042697.4 [22] 19.11.2021

[86] 24.07.2019 PCT/US2019/043196

[87] 30.01.2020 WO2020/023612

[30] 24.07.2018 US,201862702687P

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[54] SYSTEMS AND METHODS FOR PRODUCING GENE THERAPY FORMULATIONS

產生基因治療製劑的系統和方法

[71] Voyager Therapeutics, Inc.

75 Sidney Street

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STEININGER, Robert

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|------|------------|------|---------------|
| [51] | A61P 25/16 | [11] | 40053508      |
|      | A61K 31/05 |      | CN113368086 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 25/18 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|------|--------------|------|---------------|
| [51] | A61P 25/20   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/20 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/20 | [11] | 40053565     |
|      | C07J 9/00  |      | EP3828194 A1 |
|      |            | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 25/24   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 25/28   | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 25/28  | [11] | 40053433     |
|      | A61K 31/397 |      | EP3831378 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 25/28 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61P 25/28 | [11] | 40053508      |
|      | A61K 31/05 |      | CN113368086 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 25/28  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 27/12  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40053464      |
|      | C07D 487/04 |      | CN113135920 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40053467      |
|      | C07C 317/28 |      | CN112812044 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 29/00 | [11] | 40053470      |
|      | C12N 1/20  |      | CN113151036 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 29/00  | [11] | 40053673      |
|      | C07D 487/04 |      | CN113544130 A |
|      |             | [13] | A             |

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[51] A61P 29/00 [11] 40053740  
C07K 16/28 EP3837013 A1  
A61P 35/00  
A61K 39/395  
A61P 37/00  
[13] A

[25] EN

[21] 62021042912.7 [22] 23.11.2021

[86] 15.08.2019 PCT/US2019/046711

[87] 20.02.2020 WO2020/037154

[30] 17.08.2018 US, 62/719,397

[54] ANTI-IL1RAP ANTIBODIES AND METHODS OF USE THEREOF  
抗 IL1RAP 抗體和其使用方法

[71] 23ANDME, INC.  
23 和我公司  
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DEIS, Lindsay  
WOLAK, Christine  
BERNS, Dominic Samuel

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[51] A61P 3/00 [11] 40053451  
A61K 35/745 EP3851115 A1  
[13] A

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[51] A61P 3/00 [11] 40053556  
C07D 215/40 EP3828171 A1  
[13] A

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[51] A61P 3/00 [11] 40053628  
A61K 39/395 CN113209288 A  
[13] A

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|------|--------------|------|---------------|
| [51] | A61P 3/02    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 3/04    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 3/06    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 3/06   | [11] | 40053557     |
|      | C12N 15/113 |      | EP3828275 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 3/06   | [11] | 40053699      |
|      | A61K 31/232 |      | CN112912071 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61P 3/10    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 3/10   | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61P 3/10 | [11] | 40053565     |
|      | C07J 9/00 |      | EP3828194 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 31/00 | [11] | 40053460      |
|      | C07K 16/30 |      | CN113549153 A |
|      |            | [13] | A             |

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[51] A61P 31/00 [11] 40053556  
C07D 215/40 EP3828171 A1  
[13] A

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[51] A61P 31/00 [11] 40053745  
C07D 498/04 CN112867721 A  
[13] A

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[51] A61P 31/12 [11] 40053556  
C07D 215/40 EP3828171 A1  
[13] A

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[51] A61P 31/12 [11] 40053680  
C07D 491/052 CN112888480 A  
A61K 31/436  
A61K 31/4725  
A61K 31/444  
A61K 31/407  
[13] A

[25] EN

[21] 62021041980.5 [22] 05.11.2021

[86] 22.10.2019 PCT/EP2019/078620

[87] 30.04.2020 WO2020/083855

[30] 24.10.2018 CN,PCT/CN2018/111696

[54] NOVEL TRICYCLIC COMPOUNDS FOR THE TREATMENT AND PROPHYLAXIS  
OF HEPATITIS B VIRUS DISEASE  
用於治療和預防乙型肝炎病毒疾病的新型三環化合物

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WU, Jun

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[51] A61P 31/12 [11] 40053755  
A61K 39/00 EP3843778 A1  
[13] A

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|------|-------------|------|---------------|
| [51] | A61P 31/14  | [11] | 40053743      |
|      | C07D 471/08 |      | CN112839944 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 31/18 | [11] | 40053429     |
|      | C07J 63/00 |      | EP3831839 A2 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 31/18  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053430      |
|      | C07K 16/28 |      | CN113045654 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053431      |
|      | C07K 16/28 |      | CN113045655 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40053459     |
|      | C07D 271/06 |      | EP3889142 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053460      |
|      | C07K 16/30 |      | CN113549153 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053464      |
|      | C07D 487/04 |      | CN113135920 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40053468     |
|      | A61K 35/17 |      | EP3821898 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053470      |
|      | C12N 1/20  |      | CN113151036 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40053475     |
|      | C07D 487/04 |      | EP3831833 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053534      |
|      | C12Q 1/6886 |      | CN112852959 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053544      |
|      | A61K 38/16 |      | CN113350481 A |
|      |            | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053553      |
|      | C07D 239/70 |      | CN112898210 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40053556     |
|      | C07D 215/40 |      | EP3828171 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40053565     |
|      | C07J 9/00  |      | EP3828194 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40053658     |
|      | A61K 31/137 |      | EP3834824 A1 |
|      |             | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053668      |
|      | C07K 16/28 |      | CN112789292 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053673      |
|      | C07D 487/04 |      | CN113544130 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053682      |
|      | C07K 14/55 |      | CN112771072 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40053685     |
|      | C07K 16/30 |      | EP3814383 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053688      |
|      | A61K 48/00 |      | CN112770783 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40053693     |
|      | C07K 16/28 |      | EP3833442 A2 |
|      | A61K 39/00 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62021042695.8 [22] 19.11.2021

[86] 09.08.2019 PCT/US2019/046061

[87] 13.02.2020 WO2020/033926

[30] 09.08.2018 US, 62/716,551

[54] ANTIBODIES THAT BIND CD277 AND USES THEREOF  
結合 CD277 的抗體及其用途

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SCHMIDT, MICHAEL, MARCH

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053716      |
|      | C12N 7/01  |      | CN112996908 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/00 | [11] | 40053719      |
|      | A61K 39/00 |      | CN113329764 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/00  | [11] | 40053728     |
|      | C07D 333/60 |      | EP3907221 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053731      |
|      | A61K 31/437 |      | CN112912078 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40053740     |
|      | A61P 29/00 |      | EP3837013 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053745      |
|      | C07D 498/04 |      | CN112867721 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053747      |
|      | C07K 14/725 |      | CN112888707 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/00  | [11] | 40053753      |
|      | C07D 401/14 |      | CN113302188 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/00 | [11] | 40053755     |
|      | A61K 39/00 |      | EP3843778 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/02 | [11] | 40053468     |
|      | A61K 35/17 |      | EP3821898 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/02 | [11] | 40053470      |
|      | C12N 1/20  |      | CN113151036 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 35/02  | [11] | 40053745      |
|      | C07D 498/04 |      | CN112867721 A |
|      |             | [13] | A             |

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|------|--------------|------|--------------|
| [51] | A61P 35/02   | [11] | 40053748     |
|      | A61K 31/5377 |      | EP3836936 A1 |
|      |              | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/04 | [11] | 40053544      |
|      | A61K 38/16 |      | CN113350481 A |
|      |            | [13] | A             |

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|------|-------------|------|--------------|
| [51] | A61P 35/04  | [11] | 40053556     |
|      | C07D 215/40 |      | EP3828171 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 35/04  | [11] | 40053658     |
|      | A61K 31/137 |      | EP3834824 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 35/04 | [11] | 40053702     |
|      | C07K 14/68 |      | EP3820886 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 35/04 | [11] | 40053716      |
|      | C12N 7/01  |      | CN112996908 A |
|      |            | [13] | A             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61P 35/04   | [11] | 40053748     |
|      | A61K 31/5377 |      | EP3836936 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 37/00  | [11] | 40053433     |
|      | A61K 31/397 |      | EP3831378 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 37/00  | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61P 37/00 | [11] | 40053740     |
|      | A61P 29/00 |      | EP3837013 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 37/02  | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61P 37/04 | [11] | 40053470      |
|      | C12N 1/20  |      | CN113151036 A |
|      |            | [13] | A             |

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| [51] | A61P 37/04 | [11] | 40053719      |
|      | A61K 39/00 |      | CN113329764 A |
|      |            | [13] | A             |

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| [51] | A61P 37/06  | [11] | 40053464      |
|      | C07D 487/04 |      | CN113135920 A |
|      |             | [13] | A             |

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| [51] | A61P 37/06  | [11] | 40053503     |
|      | A61K 31/519 |      | EP3824890 A1 |
|      |             | [13] | A            |

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| [51] | A61P 37/06  | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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| [51] | A61P 37/06  | [11] | 40053673      |
|      | C07D 487/04 |      | CN113544130 A |
|      |             | [13] | A             |

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| [51] | A61P 39/06 | [11] | 40053470      |
|      | C12N 1/20  |      | CN113151036 A |
|      |            | [13] | A             |

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| [51] | A61P 41/00  | [11] | 40053657      |
|      | A61K 39/395 |      | CN113018431 A |
|      |             | [13] | A             |

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| [51] | A61P 43/00  | [11] | 40053547     |
|      | A61K 31/426 |      | EP3831380 A2 |
|      |             | [13] | A            |

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| [51] | A61P 43/00  | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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[51] A61P 43/00 [11] 40053565  
C07J 9/00 EP3828194 A1  
[13] A

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[51] A61P 43/00 [11] 40053628  
A61K 39/395 CN113209288 A  
[13] A

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[51] A61P 43/00 [11] 40053662  
C07F 9/6584 EP3788054 A1  
[13] A

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[51] A61P 5/26 [11] 40053420  
A61K 31/5685 CN113546084 A  
[13] A

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[51] A61P 5/48 [11] 40053741  
A61K 38/28 CN112839707 A  
A61P 5/50  
[13] A

[25] EN

[21] 62021042916.8 [22] 24.11.2021

[86] 14.05.2020 PCT/US2020/032891

[87] 19.11.2020 WO2020/232247

[30] 14.05.2019 US, 62/847,466

[54] METHODS AND COMPOSITIONS FOR PREVENTING TYPE 1 DIABETES  
用於預防 I 型糖尿病的方法和組合物

[71] PROVENTION BIO, INC.

普瑞文森生物有限公司

110 Old Driftway Lane, Lebanon, New Jersey 08833

UNITED STATES OF AMERICA

美國

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[72] LEON, Francisco 弗朗西斯科·莱昂

HEROLD, Kevan C. 凯万·C·赫罗尔德

SKYLER, Jay S. 杰伊·S·斯凯勒

[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] | A61P 5/50    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|------|-----------|------|---------------|
| [51] | A61P 5/50 | [11] | 40053741      |
|      | A61P 5/48 |      | CN112839707 A |
|      |           | [13] | A             |

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| [51] | A61P 7/02   | [11] | 40053570     |
|      | C07D 471/18 |      | EP3828186 A2 |
|      |             | [13] | A            |

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|------|--------------|------|---------------|
| [51] | A61P 7/06    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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| [51] | A61P 7/06   | [11] | 40053628      |
|      | A61K 39/395 |      | CN113209288 A |
|      |             | [13] | A             |

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| [51] | A61P 9/00    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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| [51] | A61P 9/00   | [11] | 40053519      |
|      | C12N 5/0775 |      | CN113564106 A |
|      |             | [13] | A             |

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| [51] | A61P 9/00   | [11] | 40053657      |
|      | A61K 39/395 |      | CN113018431 A |
|      |             | [13] | A             |

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| [51] | A61P 9/04   | [11] | 40053435     |
|      | A61K 31/195 |      | EP3851100 A1 |
|      |             | [13] | A            |

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| [51] | A61P 9/10    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 40053519      |
|      | C12N 5/0775 |      | CN113564106 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 40053520      |
|      | C12N 5/0775 |      | CN113373112 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61P 9/10   | [11] | 40053556     |
|      | C07D 215/40 |      | EP3828171 A1 |
|      |             | [13] | A            |

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|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 40053564      |
|      | C07D 401/12 |      | CN113004249 A |
|      |             | [13] | A             |

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| [51] | A61P 9/10   | [11] | 40053657      |
|      | A61K 39/395 |      | CN113018431 A |
|      |             | [13] | A             |

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|------|-------------|------|---------------|
| [51] | A61P 9/10   | [11] | 40053699      |
|      | A61K 31/232 |      | CN112912071 A |
|      |             | [13] | A             |

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|------|--------------|------|---------------|
| [51] | A61P 9/12    | [11] | 40053420      |
|      | A61K 31/5685 |      | CN113546084 A |
|      |              | [13] | A             |

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|------|------------|------|---------------|
| [51] | A61Q 19/06 | [11] | 40053714      |
|      | A61K 8/66  |      | CN113382714 A |
|      |            | [13] | A             |

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[51] A61Q 19/08 [11] 40053442  
A61K 8/34 CN113440425 A  
[13] A

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[51] A63B 21/005 [11] 40053686  
A63B 21/015 CN112789089 A  
A63B 22/06  
[13] A

[25] EN

[21] 62021041995.3 [22] 05.11.2021

[86] 02.08.2019 PCT/US2019/045013

[87] 06.02.2020 WO2020/028883

[30] 03.08.2018 US, 62/714, 635

[54] BRAKING SYSTEMS AND METHODS FOR EXERCISE EQUIPMENT  
用於運動器材的制動系統和方法

[71] PELOTON INTERACTIVE, INC.  
珀洛頓互動公司  
125 West 25th Street 11th Floor  
New York, New York 10001  
UNITED STATES OF AMERICA

[72] PETRILLO, David William D·W·彼得羅  
CORTESE, Thomas Philip T·P·柯蒂斯  
CONSIGLIO, John Chester J·C·孔西利奧  
KASHYAP, Ashkey A·卡什亞普

[74] HNC INNOVATION LIMITED  
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Cyberport Road  
HONG KONG

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[51] A63B 21/015 [11] 40053686  
A63B 21/005 CN112789089 A  
[13] A

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[51] A63B 22/06 [11] 40053686  
A63B 21/005 CN112789089 A  
[13] A

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[51] A63F 1/02 [11] 40053482  
A63F 1/06 CN112870685 A  
[13] A

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| [51] | A63F 1/06                                            | [11] | 40053481      |
|      |                                                      |      | CN112891910 A |
|      |                                                      | [13] | A             |
| [25] | ZH                                                   |      |               |
| [21] | 42021042765.4                                        | [22] | 22.11.2021    |
| [30] | 01.10.2015 JP,2015-206735                            |      |               |
|      | 03.08.2015 JP,2015-163213                            |      |               |
| [54] | FRAUD DETECTION SYSTEM AT GAME PARLOR                |      |               |
|      | 遊藝場的作弊檢測系統                                           |      |               |
| [71] | ANGEL GROUP CO., LTD.                                |      |               |
|      | 天使集团股份有限公司                                           |      |               |
|      | 4600, Aono-cho                                       |      |               |
|      | Higashiomi-shi, Shiga 5270232                        |      |               |
|      | JAPAN                                                |      |               |
| [72] | SHIGETA, Yasushi 重田泰                                 |      |               |
| [74] | DONG'S INTELLECTUAL PROPERTY SERVICE COMPANY LIMITED |      |               |
|      | Flat E, 37th Floor, Block 7, South Horizons          |      |               |
|      | Ap Lei Chau                                          |      |               |
|      | HONG KONG                                            |      |               |
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- |      |                                                             |      |               |
|------|-------------------------------------------------------------|------|---------------|
| [51] | A63F 1/06                                                   | [11] | 40053482      |
|      | A63F 1/02                                                   |      | CN112870685 A |
|      | A63F 1/14                                                   |      |               |
|      |                                                             | [13] | A             |
| [25] | ZH                                                          |      |               |
| [21] | 42021042766.2                                               | [22] | 22.11.2021    |
| [30] | 07.03.2015 JP,2015-061631                                   |      |               |
| [54] | MANAGEMENT SYSTEM AND METHOD OF PACKAGE OF SHUFFLED PLAYING |      |               |
|      | CARDS                                                       |      |               |
|      | 混洗遊戲紙牌包的管理系統及方法                                             |      |               |
| [71] | ANGEL GROUP CO., LTD.                                       |      |               |
|      | 天使集团股份有限公司                                                  |      |               |
|      | 4600, Aono-cho                                              |      |               |
|      | Higashiomi-shi, Shiga 5270232                               |      |               |
|      | JAPAN                                                       |      |               |
| [72] | SHIGETA, Yasushi 重田泰                                        |      |               |
| [74] | DONG'S INTELLECTUAL PROPERTY SERVICE COMPANY LIMITED        |      |               |
|      | Flat E, 37th Floor, Block 7, South Horizons                 |      |               |
|      | Ap Lei Chau                                                 |      |               |
|      | HONG KONG                                                   |      |               |
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- |      |           |      |               |
|------|-----------|------|---------------|
| [51] | A63F 1/14 | [11] | 40053482      |
|      | A63F 1/06 |      | CN112870685 A |
|      |           | [13] | A             |
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[51] A63F 13/2145 [11] 40053524  
A63F 13/55 CN113559494 A  
A63F 13/837  
G06F 3/0486  
[13] A

[25] ZH

[21] 42021043107.8 [22] 25.11.2021

[54] VIRTUAL PROP DISPLAY METHOD, DEVICE, TERMINAL AND STORAGE  
MEDIUM  
虛擬道具的顯示方法、裝置、終端及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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[72] 倪攄  
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[74] 香港派特恩知識產權代理有限公司  
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[51] A63F 13/31 [11] 40053498  
CN113559497 A  
[13] A

[25] ZH

[21] 42021043045.0 [22] 25.11.2021

[54] DATA PROCESSING METHOD, DEVICE, EQUIPMENT AND READABLE  
STORAGE MEDIUM  
一種數據處理方法、裝置、設備以及可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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許敏華  
高威  
曹瑞鵬

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[51] A63F 13/33 [11] 40053499  
A63F 13/52 CN113457123 A  
A63F 13/86  
[13] A

[25] ZH

[21] 42021043046.8 [22] 25.11.2021

[54] CLOUD GAME-BASED INTERACTIVE METHOD, DEVICE, ELECTRONIC  
EQUIPMENT AND READABLE STORAGE MEDIUM  
基於云遊戲的互動方法、裝置、電子設備及可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] A63F 13/35 [11] 40053491  
CN113509719 A  
[13] A

[25] ZH

[21] 42021043033.6 [22] 25.11.2021

[54] MULTI-VERSION APPLICATION COMPUTER SYSTEM, OPERATION METHOD,  
DEVICE AND MEDIUM  
多版本應用的計算機系統、運行方法、裝置及介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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[51] A63F 13/40 [11] 40053490  
A63F 13/86 CN113457173 A  
[13] A

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| [51] | A63F 13/40<br>G06F 8/65 | [11] | 40053608<br>CN113467807 A |
|      |                         | [13] | A                         |

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|------|---------------------------|------|---------------------------|
| [51] | A63F 13/42<br>A63F 13/573 | [11] | 40053530<br>CN113509729 A |
|      |                           | [13] | A                         |

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| [51] | A63F 13/497<br>A63F 13/52<br>A63F 13/63                                                                 | [11] | 40053531<br>CN113509720 A |
|      |                                                                                                         | [13] | A                         |
| [25] | ZH                                                                                                      |      |                           |
| [21] | 42021043117.7                                                                                           | [22] | 25.11.2021                |
| [54] | VIRTUAL BATTLE PLAYBACK METHOD, DEVICE, TERMINAL, SERVER AND STORAGE MEDIUM<br>虛擬對戰的回放方法、裝置、終端、服務器及存儲介質 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 周照友<br>沈于晴                                                                                              |      |                           |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                             |      |                           |

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|------|--------------------------|------|---------------------------|
| [51] | A63F 13/52<br>A63F 13/33 | [11] | 40053499<br>CN113457123 A |
|      |                          | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | A63F 13/52<br>A63F 13/60 | [11] | 40053502<br>CN113521743 A |
|      |                          | [13] | A                         |

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| [51] | A63F 13/52<br>A63F 13/5372 | [11] | 40053521 |
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CN113457150 A

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[51] A63F 13/52 [11] 40053527  
A63F 13/837 CN113499583 A  
A63F 13/533  
A63F 13/55

[13] A

[25] ZH

[21] 42021043111.0 [22] 25.11.2021

[54] CONTROL METHOD, DEVICE, TERMINAL AND STORAGE MEDIUM OF  
VIRTUAL OBJECTS

虛擬對象的控制方法、裝置、終端及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[51] A63F 13/52 [11] 40053530  
A63F 13/573 CN113509729 A

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[51] A63F 13/52 [11] 40053531  
A63F 13/497 CN113509720 A

[13] A

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[51] A63F 13/533 [11] 40053525  
G06F 9/451 CN113499587 A

[13] A

[25] ZH

[21] 42021043109.4 [22] 25.11.2021

[54] DISPLAY METHOD AND DEVICE FOR FILTER ITEMS, STORAGE MEDIUM  
AND ELECTRONIC EQUIPMENT

篩選項的顯示方法和裝置、存儲介質及電子設備

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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| [51] | A63F 13/533 | [11] | 40053527      |
|      | A63F 13/52  |      | CN113499583 A |
|      |             | [13] | A             |

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|      |              |      |               |
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| [51] | A63F 13/5372 | [11] | 40053521      |
|      | A63F 13/52   |      | CN113457150 A |
|      | A63F 13/87   |      |               |
|      | A63F 13/847  |      |               |
|      |              | [13] | A             |

[25] ZH

[21] 42021043104.5 [22] 25.11.2021

[54] INFORMATION PROMPTING METHOD AND DEVICE, STORAGE MEDIUM AND  
ELECTRONIC EQUIPMENT

信息提示方法和裝置、存儲介質及電子設備

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| [51] | A63F 13/55 | [11] | 40053500      |
|      |            |      | CN113457152 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043047.6 [22] 25.11.2021

[54] GAME LINEUP GENERATION METHOD, DEVICE, EQUIPMENT AND STORAGE MEDIUM

一種遊戲陣容生成方法、裝置、設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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[72] 袁明凯

李旭冬

黄斌

王谊

罗章龙

严明

[74] 香港派特恩知识产权代理有限公司

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上環永樂街 121-125 號

永達商業大廈 10 樓 C 室

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|------|--------------|------|---------------|
| [51] | A63F 13/55   | [11] | 40053524      |
|      | A63F 13/2145 |      | CN113559494 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63F 13/55 | [11] | 40053527      |
|      | A63F 13/52 |      | CN113499583 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/55  | [11] | 40053529      |
|      | A63F 13/803 |      | CN113457151 A |
|      |             | [13] | A             |

[25] ZH

[21] 42021043114.4 [22] 25.11.2021

[54] CONTROLLING METHOD, DEVICE, EQUIPMENT AND COMPUTER READABLE STORAGE MEDIUM FOR VIRTUAL PROPS

虛擬道具的控制方法、裝置、設備及計算機可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

腾讯科技(深圳)有限公司

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] 刘智洪

[74] 香港派特恩知识产权代理有限公司

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|------|---------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/56<br>A63F 13/837                                                                                                       | [11] | 40053492<br>CN113559517 A |
|      |                                                                                                                                 | [13] | A                         |
| [25] | ZH                                                                                                                              |      |                           |
| [21] | 42021043034.4                                                                                                                   | [22] | 25.11.2021                |
| [54] | NON-PLAYER VIRTUAL CHARACTER CONTROL METHOD AND DEVICE,<br>STORAGE MEDIUM AND ELECTRONIC EQUIPMENT<br>非玩家虛擬角色的控制方法和裝置、存儲介質及電子設備 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 侯焯明<br>劉林<br>吳小康                                                                                                                |      |                           |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                                                     |      |                           |

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|------|------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/56<br>G06T 17/00                                                                                               | [11] | 40053511<br>CN113559513 A |
|      |                                                                                                                        | [13] | A                         |
| [25] | ZH                                                                                                                     |      |                           |
| [21] | 42021043090.6                                                                                                          | [22] | 25.11.2021                |
| [54] | TRAINING METHOD OF ACTION GENERATION MODEL, ACTION GENERATION<br>METHOD, DEVICE, EQUIPMENT<br>動作生成模型的訓練方法、動作生成方法、裝置、設備 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 李珽光<br>張沖<br>周城<br>王天舟<br>李世迪                                                                                          |      |                           |

[74] 香港派特恩知识产权代理有限公司  
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[51] A63F 13/56 [11] 40053522  
A63F 13/577 CN113559516 A  
[13] A  
[25] ZH  
[21] 42021043105.2 [22] 25.11.2021  
[54] VIRTUAL ROLE CONTROL METHOD AND APPARATUS, STORAGE MEDIUM AND  
ELECTRONIC DEVICE  
虛擬角色的控制方法和裝置、存儲介質及電子設備  
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
中國  
廣東省深圳市南山區高新區科技中一路  
騰訊大廈 35 層  
[72] 郭鑫  
倪柠  
黃毅  
石声威  
[74] 香港派特恩知识产权代理有限公司  
香港  
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[51] A63F 13/56 [11] 40053528  
A63F 13/577 CN113559515 A  
A63F 13/837  
[13] A  
[25] ZH  
[21] 42021043112.8 [22] 25.11.2021  
[54] OBJECT CONTROL METHOD AND DEVICE, STORAGE MEDIUM AND  
ELECTRONIC EQUIPMENT  
對象控制方法和裝置、存儲介質及電子設備  
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
中國  
廣東省深圳市南山區高新區科技中一路  
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[72] 劉智洪  
[74] 香港派特恩知识产权代理有限公司  
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|------|-------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/573<br>A63F 13/42<br>A63F 13/52                                                               | [11] | 40053530<br>CN113509729 A |
|      |                                                                                                       | [13] | A                         |
| [25] | ZH                                                                                                    |      |                           |
| [21] | 42021043116.9                                                                                         | [22] | 25.11.2021                |
| [54] | VIRTUAL PROP CONTROL METHOD, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM<br>虛擬道具的控制方法、裝置、計算機設備及存儲介質 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>腾讯科技(深圳)有限公司<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] | 潘科宇                                                                                                   |      |                           |
| [74] | 香港派特恩知识产权代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                           |      |                           |

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|------|---------------------------|------|---------------------------|
| [51] | A63F 13/577<br>A63F 13/56 | [11] | 40053522<br>CN113559516 A |
|      |                           | [13] | A                         |

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | A63F 13/577<br>A63F 13/56 | [11] | 40053528<br>CN113559515 A |
|      |                           | [13] | A                         |

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|      |                                                                                                   |      |                           |
|------|---------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | A63F 13/60<br>A63F 13/52                                                                          | [11] | 40053502<br>CN113521743 A |
|      |                                                                                                   | [13] | A                         |
| [25] | ZH                                                                                                |      |                           |
| [21] | 42021043049.2                                                                                     | [22] | 25.11.2021                |
| [54] | GAME SYNCHRONIZATION METHOD, DEVICE, TERMINAL, SERVER AND STORAGE MEDIUM<br>遊戲同步方法、裝置、終端、服務器和存儲介質 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>腾讯科技(深圳)有限公司<br>中國                               |      |                           |

广东省深圳市南山区高新区科技中一路  
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[72] 郝竹明  
邵世德  
唐声福

[74] 香港派特恩知识产权代理有限公司  
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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A63F 13/60 | [11] | 40053543      |
|      | G06T 17/20 |      | CN113457162 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043173.0 [22] 26.11.2021

[54] VIRTUAL OBJECT DISPLAY METHOD AND RELATED DEVICE  
一種虛擬對象展示方法及相關裝置

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
腾讯科技(深圳)有限公司  
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] 彭超

[74] 香港派特恩知识产权代理有限公司  
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|------|-------------|------|---------------|
| [51] | A63F 13/63  | [11] | 40053531      |
|      | A63F 13/497 |      | CN113509720 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/803 | [11] | 40053529      |
|      | A63F 13/55  |      | CN113457151 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A63F 13/837 | [11] | 40053492      |
|      | A63F 13/56  |      | CN113559517 A |
|      |             | [13] | A             |

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[51] A63F 13/837 [11] 40053524  
A63F 13/2145 CN113559494 A  
[13] A

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[51] A63F 13/837 [11] 40053527  
A63F 13/52 CN113499583 A  
[13] A

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[51] A63F 13/837 [11] 40053528  
A63F 13/56 CN113559515 A  
[13] A

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[51] A63F 13/847 [11] 40053521  
A63F 13/5372 CN113457150 A  
[13] A

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[51] A63F 13/86 [11] 40053490  
A63F 13/40 CN113457173 A  
G06F 9/451  
[13] A

[25] ZH

[21] 42021043028.6 [22] 25.11.2021

[54] LONG-DISTANCE TEACHING METHOD, DEVICE, COMPUTER EQUIPMENT AND  
STORAGE MEDIUM

遠程教學方法、裝置、計算機設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

腾讯科技(深圳)有限公司

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] 练建锋

[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] A63F 13/86 [11] 40053499  
A63F 13/33 CN113457123 A  
[13] A

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[51] A63F 13/87 [11] 40053521  
A63F 13/5372 CN113457150 A  
[13] A

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[51] A63G 27/00 [11] 40053563  
EP3871745 A1  
[13] A  
[25] FR  
[21] 42021043268.8 [22] 29.11.2021  
[30] 28.02.2020 FR,2002019  
[54] CABIN PROVIDED WITH A DEVICE FOR LOCKING AND UNLOCKING THE  
DOORS AND INSTALLATION FOR TRANSPORTING PASSENGERS COMPRISING  
AT LEAST ONE SUCH CABIN  
配備有用於鎖定和解鎖門的裝置的艙室和包括至少一個這種艙室的乘客運送設施  
[71] POMA  
109 Rue Aristide Bergès  
38340 Voreppe  
FRANCE  
[72] LIBERT, Xavier  
VITTOZ, Thierry  
[74] BAIRUI PATENT & TRADEMARK OFFICE LIMITED  
Flat/Rm1502 Easey Commercial Building  
253-261 Hennessy Road, Wan Chai  
HONG KONG

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[51] A63G 27/02 [11] 40053562  
EP3862063 A1  
[13] A  
[25] FR  
[21] 42021043267.0 [22] 29.11.2021  
[30] 10.02.2020 FR,2001281  
[54] MOBILE SUB-ASSEMBLY FOR WELCOMING AND TRANSPORTING AT LEAST  
ONE PASSENGER, ASSOCIATED ENTERTAINMENT SYSTEM AND ITS  
CONTROL METHOD  
用於歡迎和運送至少一名乘客的移動組件、相關娛樂系統及其控制方法  
[71] POMA  
109 Rue Aristide Bergès  
38340 Voreppe  
FRANCE  
[72] MUGNIER, Jean-François  
[74] BAIRUI PATENT & TRADEMARK OFFICE LIMITED  
Flat/Rm1502 Easey Commercial Building  
253-261 Hennessy Road, Wan Chai  
HONG KONG

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[51] B01D 35/00 [11] 40053504  
A01N 25/28 CN113558047 A  
[13] A

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[51] B01L 7/00 [11] 40053742  
G01N 21/00 CN112996601 A  
C12Q 1/00  
G01N 21/62  
G01N 21/75  
[13] A

[25] EN

[21] 62021042917.6 [22] 24.11.2021

[86] 13.09.2019 PCT/US2019/051057

[87] 19.03.2020 WO2020/056292

[30] 14.09.2018 US, 62/731,495

[54] APPARATUS AND METHODS FOR MULTIPLEXED AMPLIFICATION AND  
DETECTION OF DNA USING CONVECTIONAL HEATING AND LABEL-FREE  
MICROARRAY

使用對流加熱和無標記微陣列對 DNA 進行多重擴增和檢測的裝置和方法

[71] WILLIAM MARSH RICE UNIVERSITY

威廉马歇莱思大学

6100 Main Street, Houston, TX 77005

UNITED STATES OF AMERICA

美國

德克萨斯州

[72] ZHANG, David, Yu 大卫·于·张

KHODAKOV, Dmitriy, A. 德米特里·A·霍达科夫

ZHANG, Xuemeng 张雪萌

[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] B05C 1/08 [11] 40053449  
CN113385363 A  
[13] A

[25] ZH

[21] 42021042532.8 [22] 16.11.2021

[30] 11.03.2020 JP, 2020-042070

10.04.2020 JP, 2020-070900

[54] COATING DEVICE

塗布裝置

[71] KABUSHIKIKAISHA MIYAKO ROLLER KOGYO

都滾筒工業股份有限公司

5-14-30, Tozuka  
Kawaguchi-shi, Saitama-ken 3330811  
JAPAN

[72] MACHIDA, SEIJI 町田成司  
MACHIDA, NARIYASU 町田成康

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

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[51] B05C 17/005 [11] 40053696  
B05C 17/01 EP3829783 A2  
[13] A

[25] EN

[21] 62021042701.4 [22] 19.11.2021

[86] 31.07.2019 PCT/US2019/044328

[87] 06.02.2020 WO2020/028484

[30] 31.07.2018 US,16/049,920

[54] MATERIAL DISPENSING SYSTEM AND METHOD  
材料分配系統和方法

[71] RED DEVIL, INC.  
紅魔鬼公司  
1519 S. Boston Avenue Tulsa  
Oklahoma 74119  
UNITED STATES OF AMERICA

[72] LEE, III, George, L.

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

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[51] B05C 17/01 [11] 40053696  
B05C 17/005 EP3829783 A2  
[13] A

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[51] B05D 3/00 [11] 40053706  
B05D 3/06 CN113631282 A  
B05D 5/06  
B42D 25/30  
G06K 19/12  
B42D 25/369  
B42D 25/387  
B42D 25/41

[13] A

[25] EN

[21] 62021042714.7 [22] 19.11.2021  
[86] 17.02.2020 PCT/EP2020/054042  
[87] 01.10.2020 WO2020/193009  
[30] 28.03.2019 EP,19165774.1  
[54] MAGNETIC ASSEMBLIES AND PROCESSES FOR PRODUCING OPTICAL  
EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR  
MAGNETIZABLE PIGMENT PARTICLES  
用於生產包含取向的非球狀磁性或可磁化顏料顆粒的光學效應層的磁性組件和方法  
[71] SICPA HOLDING SA  
錫克拜控股有限公司  
Avenue de Florissant 41 1008 Prilly  
SWITZERLAND  
瑞士  
[72] LOGINOV, Evgeny E·洛吉諾夫  
DESPLAND, Claude-Alain C-A·德斯普蘭德  
[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] B05D 3/06 [11] 40053706  
B05D 3/00 CN113631282 A  
[13] A

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[51] B05D 5/06 [11] 40053706  
B05D 3/00 CN113631282 A  
[13] A

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[51] B22F 3/10 [11] 40053681  
C08L 23/06 EP3814037 A1  
C08L 23/12  
C08K 5/09  
C08L 91/06  
C08L 23/08  
[13] A

[25] EN

[21] 62021041981.3 [22] 05.11.2021  
[86] 26.06.2019 PCT/US2019/039203  
[87] 02.01.2020 WO2020/006054  
[30] 26.06.2018 US,62/690,072  
[54] FLEXIBLE FEEDSTOCK  
可塑性原料

[71] Markforged, Inc.  
480 Pleasant Street  
Watertown, MA 02472  
UNITED STATES OF AMERICA

[72] ROY-MAYHEW, Joseph  
FARRELL, Zachary

[74] TRADEMARKCN COMPANY LIMITED  
Block A, 4/F., Granville Building  
14 Granville Road, Tsim Sha Tsui, Kowloon  
HONG KONG

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|------|--------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | B22F 3/24<br>B24C 1/10                                                                                                                     | [11] | 40053624<br>CN113172226 A |
|      |                                                                                                                                            | [13] | A                         |
| [25] | ZH                                                                                                                                         |      |                           |
| [21] | 42021043831.3                                                                                                                              | [22] | 07.12.2021                |
| [30] | 27.01.2020 JP,2020-011102                                                                                                                  |      |                           |
| [54] | METHOD OF STRENGTHENING BINDER METAL PHASE OF SINTERED BODY<br>燒結體的結合劑金屬相的強化方法                                                             |      |                           |
| [71] | FUJI KIHAN CO., LTD.<br>株式會社不二機販<br>471, Marushin-cho, Kita-ku, Nagoya-shi, Aichi 462-0063<br>JAPAN                                        |      |                           |
| [72] | Yoshio MIYASAKA 宮阪四志男                                                                                                                      |      |                           |
| [74] | Sunhope Intellectual Property Limited Attn: Miss Fiona Ko<br>ROOM 902, 9/F, QUALIPAK TOWER<br>NO. 121-122 CONNAUGHT ROAD WEST<br>HONG KONG |      |                           |

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|      |                        |      |                           |
|------|------------------------|------|---------------------------|
| [51] | B24C 1/10<br>B22F 3/24 | [11] | 40053624<br>CN113172226 A |
|      |                        | [13] | A                         |

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|      |                         |      |                         |
|------|-------------------------|------|-------------------------|
| [51] | B25B 13/46<br>B25F 5/02 | [11] | 40053569<br>GB2595064 A |
|      |                         | [13] | A                       |

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|      |                         |      |                         |
|------|-------------------------|------|-------------------------|
| [51] | B25B 21/00<br>B25F 5/02 | [11] | 40053569<br>GB2595064 A |
|      |                         | [13] | A                       |

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[51] B25F 5/02 [11] 40053569  
B25B 13/46 GB2595064 A  
B25B 21/00  
B25G 1/00 [13] A

[25] EN

[21] 42021043276.1 [22] 29.11.2021

[30] 20.07.2018 US,16041001

[54] TOOL HOUSING AND METHOD FOR MAKING THE SAME  
工具殼體及其製造方法

[71] Snap-on Incorporated  
施耐宝公司  
2801-80th Street, Kenosha  
Wisconsin 53143-1410  
UNITED STATES OF AMERICA

[72] JOHN D SCHILTZ  
NATHAN H PURCELL  
JOSHUA M BEER

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

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[51] B25G 1/00 [11] 40053569  
B25F 5/02 GB2595064 A  
[13] A

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[51] B29C 45/14 [11] 40053438  
B29D 35/00 EP3858574 A1  
[13] A

[25] EN

[21] 42021042504.7 [22] 15.11.2021

[30] 29.01.2020 IT,102020000001657

[54] MANUFACTURING PROCESS OF A MOLDED PAINTED PRODUCT  
模製塗漆產品的生產方法

[71] Four System Group Srl  
Via Amedeo Avogadro, 10  
62010 Montelupone (MC)  
ITALY

Frasson Tech Soles S.r.l.  
Via Risorgive, 5  
35018 San Martino di Lupari (PD)  
ITALY

[72] TROVARELLI, Michela  
ARICIU, Ion

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

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[51] B29C 64/10 [11] 40053633  
B29C 64/20 CN113059790 A  
B29C 64/112  
B33Y 10/00  
B33Y 30/00  
A43B 23/02  
A43D 3/02  
D04C 3/00  
B29L 31/50

[13] A

[25] ZH

[21] 42021043945.1 [22] 08.12.2021

[30] 10.12.2014 US,14/565,568

[54] LAST SYSTEM FOR ARTICLES WITH BRAIDED COMPONENTS  
用於具有編結的部件的物品的鞋楦系統

[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] Robert M. Bruce 罗伯特·M·布鲁斯  
Eun Kyung Lee 李恩庆  
Craig K. Sills C·K·希尔斯

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

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[51] B29C 64/112 [11] 40053633  
B29C 64/10 CN113059790 A  
[13] A

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[51] B29C 64/20 [11] 40053633  
B29C 64/10 CN113059790 A  
[13] A

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[51] B29D 35/00 [11] 40053438  
B29C 45/14 EP3858574 A1

[13] A

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[51] B29L 31/50 [11] 40053633  
B29C 64/10 CN113059790 A  
[13] A

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[51] B32B 21/02 [11] 40053724  
E04F 15/02 CN112955613 A  
[13] A

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[51] B32B 27/30 [11] 40053724  
E04F 15/02 CN112955613 A  
[13] A

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[51] B33Y 10/00 [11] 40053633  
B29C 64/10 CN113059790 A  
[13] A

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[51] B33Y 30/00 [11] 40053633  
B29C 64/10 CN113059790 A  
[13] A

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[51] B41J 2/01 [11] 40053461  
B41J 29/393 CN112848683 A  
[13] A

[25] ZH

[21] 42021042559.1 [22] 16.11.2021

[30] 01.11.2012 IB,PCT/IB2012/056100  
10.01.2013 IB,PCT/IB2013/050245  
05.03.2012 US,61/606,913  
15.03.2012 US,61/611,547  
16.04.2012 US,61/624,896  
01.05.2012 US,61/641,288  
03.05.2012 US,61/642,445

[54] CONTROL APPARATUS AND METHOD FOR A DIGITAL PRINTING SYSTEM  
數字打印系統的控制設備和方法

[71] LANDA CORPORATION LTD.  
兰达公司  
P.O. Box 2418 7612301 Rehovot  
ISRAEL



[72] LANDA, Benzion B·兰达  
ZARMI, Nir N·扎尔米  
KEREN, Abraham A·科伦  
SIMAN-TOV, Alon A·西曼托夫

[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] | B41J 29/393 | [11] | 40053461      |
|      | B41J 2/01   |      | CN112848683 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B42D 25/30 | [11] | 40053706      |
|      | B05D 3/00  |      | CN113631282 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B42D 25/369 | [11] | 40053706      |
|      | B05D 3/00   |      | CN113631282 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | B42D 25/387 | [11] | 40053706      |
|      | B05D 3/00   |      | CN113631282 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B42D 25/41 | [11] | 40053706      |
|      | B05D 3/00  |      | CN113631282 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B60H 1/00 | [11] | 40053414      |
|      |           |      | CN112744047 A |
|      |           | [13] | A             |

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[25] ZH

[21] 42021040376.2 [22] 13.10.2021

[30] 31.10.2019 US,16/671,021

[54] TREATING AIR INSIDE A VEHICLE  
處理車輛內的空氣

[71] Pony AI Inc.  
小马智行

开曼群岛

大开曼岛酸橙树湾大街 23 号总督广场 4-210, 32311 邮箱

[72] DINGLI, Robert R. 丹利

[74] 百睿知識產權有限公司

香港

新界沙田香港科學園

科技大道西 10 號浚湖樓 617 室

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|      |                                                    |      |              |
|------|----------------------------------------------------|------|--------------|
| [51] | B60L 53/16                                         | [11] | 40053704     |
|      | B60L 53/30                                         |      | EP3908477 A1 |
|      | H02J 7/00                                          |      |              |
|      |                                                    | [13] | A            |
| [25] | EN                                                 |      |              |
| [21] | 62021042711.3                                      | [22] | 19.11.2021   |
| [86] | 07.01.2020 PCT/NO2020/000001                       |      |              |
| [87] | 16.07.2020 WO2020/145828                           |      |              |
| [30] | 07.01.2019 NO,20190023                             |      |              |
| [54] | CHARGING ASSEMBLY FOR CHARGING AN ELECTRIC VEHICLE |      |              |
|      | 用於為電動汽車充電的充電組件                                     |      |              |
| [71] | EASEE AS                                           |      |              |
|      | Grenseveien 19, 4313 Sandnes                       |      |              |
|      | NORWAY                                             |      |              |
| [72] | HELMIKSTØL, Jonas                                  |      |              |
|      | MØLGAARD, Steffen                                  |      |              |
|      | STENGEL, Ola                                       |      |              |
|      | NÆSJE Kjetil                                       |      |              |
| [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] | B60L 53/30 | [11] | 40053704     |
|      | B60L 53/16 |      | EP3908477 A1 |
|      |            | [13] | A            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | B60R 16/02   | [11] | 40053413      |
|      | G10L 21/0208 |      | CN112750450 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | B60T 7/22    | [11] | 40053413      |
|      | G10L 21/0208 |      | CN112750450 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | B60W 30/09   | [11] | 40053413      |
|      | G10L 21/0208 |      | CN112750450 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | B60W 30/095  | [11] | 40053413      |
|      | G10L 21/0208 |      | CN112750450 A |
|      |              | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B61B 9/00 | [11] | 40053571     |
|      | B66B 5/16 |      | EP3848267 A1 |
|      |           | [13] | A            |

[25] FR

[21] 42021043325.6 [22] 30.11.2021

[30] 08.01.2020 FR,2000137

[54] VEHICLE FITTED WITH SHOCK ABSORBERS FOR TRANSPORTING PASSENGERS ON A TRACK WITH VARIABLE SLOPE AND FACILITY COMPRISING SAID VEHICLE  
用於在可變斜率的軌道上運輸乘客的具有震動吸收的運載工具和包括該運載工具的設備

[71] POMA  
109 Rue Aristide Bergès  
38340 Voreppe  
FRANCE

[72] Mollet, Alain

[74] BAIRUI PATENT & TRADEMARK OFFICE LIMITED  
Flat/Rm1502 Easey Commercial Building  
253-261 Hennessy Road, Wan Chai  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B61L 25/02 | [11] | 40053698     |
|      | G01C 21/12 |      | EP3898380 A1 |
|      | G01C 9/20  |      |              |
|      |            | [13] | A            |

[25] EN

[21] 62021042703.0 [22] 19.11.2021

[86] 19.12.2019 PCT/IB2019/061133

[87] 25.06.2020 WO2020/128974

[30] 19.12.2018 US,62/782,077

[54] SYSTEM AND METHOD FOR DETERMINING GRADE AND ACCELERATION DUE TO MOTORING AND BRAKING  
用於確定由於駕駛和制動引起的坡度和加速度的系統和方法

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[71] THALES CANADA INC.  
105 Moatfield Drive, Toronto  
Ontario M3B 0A4  
CANADA

[72] GREEN, Alon  
DE-THOMASIS, Marco

[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] B62D 63/02 [11] 40053533  
H04N 5/225 CN112887529 A  
[13] A

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[51] B62M 11/04 [11] 40053687  
B62M 11/14 CN113226909 A  
[13] A

[25] KR

[21] 62021042007.6 [22] 05.11.2021

[86] 08.11.2019 PCT/KR2019/015180

[87] 04.06.2020 WO2020/111569

[30] 26.11.2018 KR,10-2018-0147326

[54] CRANK VARIABLE-SPEED GEAR DEVICE FOR INCREASING ROTATIONAL  
POWER

一種用於增加旋轉力的曲柄可變速齒輪裝置

[71] SPEEDTECH CO., LTD.  
株式会社斯皮德  
(Sangpae-dong) 1-1, 144, Samyuksa-ro, 692beon-gil  
Dongducheon-si, Gyeonggi-do 11341  
REPUBLIC OF KOREA

HAN, Jang Young

韩长英

202, 9-9, (Dongsam-dong, Taejong-yeon Street) Araeseobal-gil

Yeongdo-gu, Busan

REPUBLIC OF KOREA

[72] HAN, Jang Young 韩长英

SEO, Dal Won 徐达原

[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] B62M 11/14 [11] 40053687  
B62M 11/04 CN113226909 A  
[13] A

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[51] B64F 1/30 [11] 40053689  
G06Q 10/02 EP3815010 A1  
[13] A

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[51] B65D 85/804 [11] 40053667  
CN113302138 A  
[13] A

[25] DE

[21] 62021040965.7 [22] 21.10.2021

[86] 30.10.2019 PCT/EP2019/079659

[87] 07.05.2020 WO2020/089292

[30] 30.10.2018 DE,10 2018 218 592.1

[54] OPENING UNIT

開口單元

[71] SÄNTIS PACKAGING AG

桑蒂斯包裝股份公司

Kanalstraße 41

9464 Rüthi

SWITZERLAND

EURO-CAPS HOLDING B.V.

優卡普斯控股有限公司

Sevillaweg 54

3047 AL Rotterdam

NETHERLANDS

[72] Peter BUGAJEW 彼得·布加耶

Avni KICAJ 阿夫尼·基察伊

Paul STIEGER 保羅·施蒂格爾

Azem KRONI 阿曾·克羅尼

Anthony KAY 安東尼·卡伊

[74] DEQI INTELLECTUAL PROPERTY LAW CORPORATION (HONGKONG) LIMITED

Room 703 Kowloon Building

555 Nathan Road, Kowloon

HONG KONG

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[51] B65G 1/04 [11] 40053737  
B65G 1/137 EP3872006 A1  
[13] A

[25] ZH

[21] 62021042908.5 [22] 23.11.2021

[86] 17.09.2019 PCT/CN2019/106152  
[87] 07.05.2020 WO2020/088132  
[30] 30.10.2018 CN,201811279862.7  
[54] CARGO TRANSPORT SYSTEM AND METHOD  
貨物搬運系統和方法  
[71] 北京極智嘉科技股份有限公司  
中國  
北京市朝陽區創遠路  
36 號院 1 號樓 1 層 101 室  
[72] 鄭勇  
[74] 高保知識產權代理有限公司  
香港  
荃灣白田壩街 36-44 號  
信義工業大廈 9 樓

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[51] B65G 1/137 [11] 40053737  
B65G 1/04 EP3872006 A1  
[13] A

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[51] B66B 1/20 [11] 40053476  
B66B 1/34 CN113120712 A  
B66B 3/00  
[13] A  
[25] ZH  
[21] 42021042608.6 [22] 17.11.2021  
[30] 15.01.2020 JP,2020-004100  
[54] ELEVATOR OPERATION CONTROL METHOD, ELEVATOR CONTROL DEVICE  
AND ELEVATOR SYSTEM  
電梯運行控制方法、電梯控制裝置以及電梯系統  
[71] Toshiba Elevator Kabushiki Kaisha  
72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi  
Kanagawa  
JAPAN  
[72] RYO TESHIMA  
[74] DEACONS  
5th Floor, Alexandra House  
Central  
HONG KONG

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[51] B66B 1/34 [11] 40053476  
B66B 1/20 CN113120712 A  
[13] A

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | B66B 3/00 | [11] | 40053476      |
|      | B66B 1/20 |      | CN113120712 A |
|      |           | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | B66B 5/16 | [11] | 40053571     |
|      | B61B 9/00 |      | EP3848267 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B67D 3/00  | [11] | 40053674      |
|      | A45D 19/00 |      | CN112930128 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B68G 5/00  | [11] | 40053694     |
|      | A47C 31/00 |      | EP3855980 A2 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B82Y 20/00 | [11] | 40053734      |
|      | C09K 11/65 |      | CN113260692 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | B82Y 40/00 | [11] | 40053734      |
|      | C09K 11/65 |      | CN113260692 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C01B 32/184 | [11] | 40053734      |
|      | C09K 11/65  |      | CN113260692 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C03C 13/00 | [11] | 40053691      |
|      | C08J 5/08  |      | CN113474310 A |
|      |            | [13] | A             |

[25] JA

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62021042160.3 | [22] | 09.11.2021 |
|------|---------------|------|------------|

[86] 07.02.2020 PCT/JP2020/004895

[87] 20.08.2020 WO2020/166518

[30] 12.02.2019 JP,2019-022877

- [54] GLASS FIBER-REINFORCED RESIN MOLDED ARTICLE  
玻璃纖維強化樹脂成型品
- [71] NITTO BOSEKI CO., LTD.  
1, Aza Higashi, Gonome  
Fukushima-shi, Fukushima 960-8161  
JAPAN
- [72] Hironobu SEKIKAWA  
Ryo SASAKI  
Mao TAKAIZUMI
- [74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG
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- [51] C04B 35/64 [11] 40053664  
H01M 8/126 EP3853937 A1  
[13] A
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- [51] C07C 211/27 [11] 40053703  
C07C 215/08 EP3830070 A1  
C07C 215/10  
C07C 215/40  
C07C 229/04  
C07C 229/08  
C07C 323/62  
C07D 207/06  
A61P 1/16  
A61K 31/192  
[13] A

- [25] EN
- [21] 62021042708.9 [22] 19.11.2021
- [86] 02.08.2019 PCT/EP2019/070877
- [87] 06.02.2020 WO2020/025789
- [30] 03.08.2018 EP,18306060.7
- [54] ELAFIBRANOR SALTS  
伊拉非諾鹽
- [71] Genfit  
885 avenue Eugène Avinée  
59120 Loos  
FRANCE
- [72] BERTRAND, Karine  
ROUDOT, Alice  
JOISSAINS, Marie-Jeanne
- [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] | C07C 215/08 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 215/10 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 215/40 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |

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|------|--------------|------|--------------|
| [51] | C07C 219/06  | [11] | 40053752     |
|      | A61K 31/7088 |      | EP3823634 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 229/04 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 229/08 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |

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|------|--------------|------|--------------|
| [51] | C07C 229/12  | [11] | 40053752     |
|      | A61K 31/7088 |      | EP3823634 A1 |
|      |              | [13] | A            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07C 253/30 | [11] | 40053665     |
|      |             |      | EP3856712 A1 |
|      |             | [13] | A            |

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[25] EN

[21] 62021039286.1 [22] 23.09.2021

[86] 26.09.2019 PCT/GB2019/052720

[87] 02.04.2020 WO2020/065325

[30] 26.09.2018 GB,1815699.2

[54] SYNTHETIC METHOD FOR THE PREPARATION OF AN ALKOXYMETHYLENE-BENZOYLACETONITRILE

用於製備烷氧基亞甲基-苯甲酰基乙腈的合成方法

[71] MEREIO BIOPHARMA 1 LIMITED  
1 Cavendish Place, London  
Greater London W1G 0QF  
UNITED KINGDOM

[72] MEISENBACH, Mark  
MARTIN, Benjamin  
RONDE, Niek Johannes

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

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 271/22 | [11] | 40053553      |
|      | C07D 239/70 |      | CN112898210 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 313/06 | [11] | 40053467      |
|      | C07C 317/28 |      | CN112812044 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 315/04 | [11] | 40053467      |
|      | C07C 317/28 |      | CN112812044 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 317/24 | [11] | 40053467      |
|      | C07C 317/28 |      | CN112812044 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07C 317/28 | [11] | 40053467      |
|      | C07C 315/04 |      | CN112812044 A |
|      | C07C 317/24 |      |               |
|      | C07C 313/06 |      |               |
|      | C07D 209/48 |      |               |
|      | A61P 29/00  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021042572.4 [22] 17.11.2021

[30] 21.02.2012 US, 61/601226

- [54] PROCESSES FOR THE PREPARATION OF (S)-1-(3-ETHOXY-4-METHOXYPHENYL)-2-METHANESULFONYLETHYLAMINE  
用於製備(S)-1-(3-乙氧基-4-甲氧基苯基)-2-甲磺酰基乙胺的工藝
- [71] AMGEN (EUROPE) GMBH  
FLOOR, 6-8, SUURSTOFFI 22  
6343 RISCH - ROTKREUZ  
SWITZERLAND
- [72] VENKATESWARALU, Jasti  
RAJENDIRAN, Chinnapillai  
REDDY, Nallamaddi, Ravikumar  
CONNOLLY, Terrence, Joseph  
RUCHELMAN, Alexander, L.  
ECKERT, Jeffrey  
FRANK, Anthony, Joseph
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
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|------|-------------|------|--------------|
| [51] | C07C 323/62 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |
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| [51] | C07D 207/06 | [11] | 40053703     |
|      | C07C 211/27 |      | EP3830070 A1 |
|      |             | [13] | A            |
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| [51] | C07D 209/08 | [11] | 40053552     |
|      | C07D 403/06 |      | EP3831825 A1 |
|      |             | [13] | A            |
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| [51] | C07D 209/48 | [11] | 40053467      |
|      | C07C 317/28 |      | CN112812044 A |
|      |             | [13] | A             |
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| [51] | C07D 213/61 | [11] | 40053570     |
|      | C07D 471/18 |      | EP3828186 A2 |
|      |             | [13] | A            |
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| [51] | C07D 215/40 | [11] | 40053556     |
|      | C07D 471/04 |      | EP3828171 A1 |

A61K 31/4375  
A61K 31/47  
A61K 31/519  
A61K 31/4985  
A61P 35/00  
A61P 31/00  
A61P 31/12  
A61P 35/04  
A61P 11/06  
A61P 3/00  
A61P 9/10

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[21] 42021043256.3 [22] 29.11.2021

[30] 22.12.2015 US,201562270931 P  
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[54] HETEROCYCLIC COMPOUNDS AS IMMUNOMODULATORS  
作為免疫調節劑的雜環化合物

[71] Incyte Corporation  
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[72] Neil LAJKIEWICZ  
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[74] DEACONS  
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A61K 31/415 EP3828173 A1

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[21] 42021043130.0 [22] 25.11.2021

[30] 07.03.2014 US,201461949808P  
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[54] SUBSTITUTED PYRAZOLES AS HUMAN PLASMA KALLIKREIN INHIBITORS  
作為人體血漿激肽釋放酶抑制劑的取代吡唑

[71] Biocryst Pharmaceuticals, Inc.  
4505 Emperor Blvd.  
Durham, North Carolina 27703  
UNITED STATES OF AMERICA

[72] KOTIAN, Pravin L.  
BABU, Yarlagadda S.  
WU, Minwan  
CHINTAREDDY, Venkat R

KUMAR, Satish V  
ZHANG, Weihe

[74] KANGXIN IP LIMITED  
812 Silvercord, Tower 1  
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HONG KONG

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| [51] | C07D 239/34 | [11] | 40053570     |
|      | C07D 471/18 |      | EP3828186 A2 |
|      |             | [13] | A            |

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| [51] | C07D 239/36 | [11] | 40053570     |
|      | C07D 471/18 |      | EP3828186 A2 |
|      |             | [13] | A            |

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| [51] | C07D 239/70 | [11] | 40053553      |
|      | C07C 271/22 |      | CN112898210 A |
|      | A61K 31/517 |      |               |
|      | A61P 35/00  |      |               |
|      |             | [13] | A             |

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[21] 42021043248.0 [22] 30.09.2016

[30] 15.11.2013 EP,13193030.7

[62] 30.09.2016 16111431.6

[54] PROCESSES FOR THE PREPARATION OF PYRIMIDINYLCYCLOPENTANE  
COMPOUNDS

用於製備嘧啶基環戊烷化合物的方法

[71] F. Hoffmann-La Roche AG  
豪夫邁·羅氏有限公司  
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Genentech, Inc.

基因泰克公司

1 DNA Way, South San Francisco, California 94080-4990  
UNITED STATES OF AMERICA

[72] IDING, Hans H·伊丁  
REENTS, Reinhard R·倫茨  
SCALONE, Michelangelo M·斯卡洛內  
GOSSELIN, Francis F·戈瑟蘭

[74] KWAN, WONG & PARTNERS  
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[51] C07D 271/06 [11] 40053459  
A61P 35/00 EP3889142 A1  
A61K 31/4245  
[13] A

[25] EN

[21] 42021042553.4 [22] 16.11.2021

[30] 11.04.2003 US, 60/461,988

[54] 1,2,4-OXADIAZOLE BENZOIC ACID COMPOUNDS AND THEIR USE FOR  
NONSENSE SUPPRESSION AND THE TREATMENT OF DISEASE  
1,2,4-噁二唑苯甲酸化合物及其在無義抑制和疾病治療中的用途

[71] PTC Therapeutics, Inc.  
PTC 醫療公司  
100 Corporate Court, Middlesex Business Center  
South Plainfield, NJ 07080  
UNITED STATES OF AMERICA

[72] Karp, Gary, Mitchell G·M·卡普  
Hwang, Seongwoo S·王  
Chen, Guangming G·M·陳  
Almstead, Neil G. N·G·阿爾姆斯蒂德  
Moon, Young-Choon Y·C·穆

[74] JONES DAY  
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15 Queen's Road Central  
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[51] C07D 303/26 [11] 40053758  
C08G 59/28 CN113677669 A  
C08G 59/50  
C08L 63/00  
C08G 59/06  
A61K 6/54  
A61K 6/60  
A61K 6/891  
C07D 303/28  
[13] A

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[21] 62021043055.4 [22] 25.11.2021

[86] 09.04.2020 PCT/EP2020/060232

[87] 15.10.2020 WO2020/208175

[30] 11.04.2019 EP, 19168755.7

[54] DENTAL COMPOSITION  
牙科組合物

[71] DENTSPLY DETREY GMBH  
登士柏德特里有限公司

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[72] KLEE, JOACHIM E. J·E·科里  
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[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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| [51] | C07D 303/28 | [11] | 40053758      |
|      | C07D 303/26 |      | CN113677669 A |
|      |             | [13] | A             |

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| [51] | C07D 333/56 | [11] | 40053728     |
|      | C07D 333/60 |      | EP3907221 A1 |
|      |             | [13] | A            |

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| [51] | C07D 333/58 | [11] | 40053728     |
|      | C07D 333/60 |      | EP3907221 A1 |
|      |             | [13] | A            |

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| [51] | C07D 333/60 | [11] | 40053728     |
|      | C07D 333/58 |      | EP3907221 A1 |
|      | C07D 333/56 |      |              |
|      | C07D 409/12 |      |              |
|      | A61K 31/381 |      |              |
|      | A61P 35/00  |      |              |
|      |             | [13] | A            |

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[86] 31.12.2019 PCT/CN2019/130605

[87] 09.07.2020 WO2020/140894

[30] 02.01.2019 CN,201910002749.2

[54] FLUORINE-CONTAINING SUBSTITUTED BENZOTHIOPHENE COMPOUND, AND  
PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF  
一類含氟取代的苯並噻吩類化合物及其藥物組合物及應用

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- [72] ZHANG, Ao 張翱  
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DING, Jian 丁健  
ZHANG, Yan 張燕  
SHEN, Ancheng 沈安成  
WANG, Xiyuan 王璽淵
- [74] WENPING PATENT & TRADE MARK AGENT LIMITED  
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- [51] C07D 401/12 [11] 40053564  
A61K 31/4709 CN113004249 A  
A61K 31/498  
A61P 35/00  
A61P 9/10  
A61P 3/10  
A61P 27/12  
A61P 19/10  
A61P 17/00  
A61P 17/18  
A61P 31/18  
A61P 43/00

[13] A

[25] ZH

[21] 42021043269.6 [22] 29.11.2021

[30] 12.06.2009 EP,09162630.9  
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[54] COMPOUNDS USEFUL FOR TREATING PREMATURE AGING AND IN  
PARTICULAR PROGERIA  
用於治療過早衰老和尤其是早衰的化合物

[71] ABIVAX  
ABIVAX 公司  
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国家科研中心  
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DIDIER, SCHERRER D·谢雷

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

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[51] C07D 401/14  
A61K 31/437[11] 40053731  
CN112912078 A

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[51] C07D 401/14  
A61P 35/00  
A61K 31/495  
A61K 31/4709[11] 40053753  
CN113302188 A

[13] A

[25] EN

[21] 62021042952.3

[22] 24.11.2021

[86] 02.01.2020 PCT/IB2020/050009

[87] 09.07.2020 WO2020/141470

[30] 03.01.2019 US, 62/787,965

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[54] QUINOLINE COMPOUNDS AS INHIBITORS OF TAM AND MET KINASES

作為 TAM 及 MET 激酶抑制劑的喹啉化合物

[71] ARRAY BIOPHARMA, INC.

阵列生物制药公司

3200 Walnut Street

Boulder, CO 80301

UNITED STATES OF AMERICA

[72] COOK, Adam A·库克

HINKLIN, Ronald Jay R·J·辛克林

MCNULTY, Oren T. O·T·麦克纳尔蒂

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

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| [51] | C07D 403/00 | [11] | 40053673      |
|      | C07D 487/04 |      | CN113544130 A |
|      |             | [13] | A             |

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| [51] | C07D 403/06 | [11] | 40053552     |
|      | C07D 209/08 |      | EP3831825 A1 |
|      | C09B 23/02  |      |              |
|      | C09B 23/06  |      |              |
|      | G01N 33/00  |      |              |
|      | G01N 33/533 |      |              |
|      |             | [13] | A            |

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[54] POLYMETHINE COMPOUNDS AND THEIR USE AS FLUORESCENT LABELS  
多次甲基化合物和其作為熒光標記物的用途

[71] ILLUMINA CAMBRIDGE LIMITED  
19 Granta Park  
Great Abington  
Cambridge CB21 6DF  
UNITED KINGDOM

[72] FRANCAIS, Antoine  
LIU, Xiaohai

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

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| [51] | C07D 403/10 | [11] | 40053570     |
|      | C07D 471/18 |      | EP3828186 A2 |
|      |             | [13] | A            |

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| [51] | C07D 409/12 | [11] | 40053728     |
|      | C07D 333/60 |      | EP3907221 A1 |
|      |             | [13] | A            |

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[54] A METHOD OF PREPARING THE ISOQUINOLINE ALKALOID L-CORYDALMINE  
異喹啉類生物碱左旋紫堇達明的製備方法  
[71] 楊征  
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[74] KING & WOOD MALLESONS IP LIMITED  
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C07D 215/40 EP3828171 A1  
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A61K 31/437 CN112912078 A  
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A61K 31/439 CN112839944 A  
A61P 31/14  
C07D 487/18  
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[21] 62021042918.4 [22] 24.11.2021  
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[87] 20.02.2020 WO2020/036211  
[30] 16.08.2018 JP,2018-153227

- [54] COMPOUND FOR TREATMENT OF RABIES AND METHOD FOR TREATMENT OF RABIES  
用於治療狂犬病的化合物及其方法
- [71] OITA UNIVERSITY INSTITUTE OF ADVANCED MEDICINE, INC.  
17-20, HIGASHI KASUGA-MACHI  
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- [72] KOUJI Hiroyuki  
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MATSUOKA Shigeru  
NISHIZONO Akira  
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- [51] C07D 471/18 [11] 40053570  
A61K 31/4162 EP3828186 A2  
A61P 7/02  
C07D 213/61  
C07D 239/36  
C07D 403/10  
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- [13] A
- [25] EN
- [21] 42021043323.1 [22] 30.11.2021
- [30] 01.10.2014 US,201462058316 P
- [54] PYRIMIDINONES AS FACTOR XIA INHIBITORS  
作為因子 XIA 抑制劑的嘧啶酮
- [71] Bristol-Myers Squibb Company  
Route 206 and Province Line Road  
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UNITED STATES OF AMERICA
- [72] DILGER, Andrew K.  
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YANG, Wu  
WANG, Yufeng  
PABBISETTY, Kumar Balashanmuga  
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ZHU, Yeheng  
WEXLER, Ruth R.  
PINTO, Donald J.P.

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[51] C07D 487/04 [11] 40053464  
A61K 31/519 CN113135920 A  
A61P 29/00  
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[21] 42021042566.6 [22] 16.11.2021

[30] 30.06.2016 KR,10-2016-0083050

[54] PYRAZOLOPYRIMIDINE DERIVATIVES AS KINASE INHIBITOR  
吡唑並嘧啶衍生物作為激酶抑制劑

[71] DAEWOONG PHARMACEUTICAL CO., LTD.  
株式会社大熊制药  
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[72] KIM, In Woo 金仁宇  
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OH, Yun Ju 吴玟珠  
KIM, Ji Duck 金知德  
KIM, Nam Youn 金男润  
JUN, Sun Ah 全善娥  
LEE, Jun Hee 李俊熙  
PARK, Joon Seok 朴竣奭

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[51] C07D 487/04 [11] 40053475  
A61K 31/519 EP3831833 A1  
A61P 35/00

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[21] 42021042607.8 [22] 17.11.2021

[30] 27.02.2015 US,201562121697 P

[54] PROCESSES FOR THE PREPARATION OF A PI3K INHIBITOR  
製備 PI3K 抑制劑的方法

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Michael XIA  
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[51] C07D 487/04 [11] 40053673  
C07D 403/00 CN113544130 A  
A61P 35/00  
A61P 29/00  
A61P 37/06  
A61P 19/02  
A61P 25/00  
A61K 31/395

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[87] 03.12.2020 WO2020/239103

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16.12.2019 CN,201911291561.0

[54] BTK INHIBITOR RING DERIVATIVE, PREPARATION METHOD THEREFOR  
AND PHARMACEUTICAL APPLICATION THEREOF  
一種 BTK 抑制劑環衍生物及其製備方法和藥學上的應用

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Yuting LIAO 廖雨亭  
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Guozhi ZHU 祝国智  
Fei YE 叶飞  
Pingming TANG 唐平明  
Xiaogang CHEN 陈孝刚  
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| [51] | C07D 487/04<br>A61K 31/437 | [11] | 40053731<br>CN112912078 A |
|      |                            | [13] | A                         |

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| [51] | C07D 487/10<br>C12Q 1/6886 | [11] | 40053534<br>CN112852959 A |
|      |                            | [13] | A                         |

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| [51] | C07D 487/18<br>C07D 471/08 | [11] | 40053743<br>CN112839944 A |
|      |                            | [13] | A                         |

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| [51] | C07D 491/052<br>A61P 31/12 | [11] | 40053680<br>CN112888480 A |
|      |                            | [13] | A                         |

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| [51] | C07D 498/04<br>A61P 31/00<br>A61P 35/00<br>A61P 35/02<br>C07D 513/04<br>A61K 31/437<br>A61K 45/00 | [11] | 40053745<br>CN112867721 A |
|      |                                                                                                   | [13] | A                         |

[25] JA

[21] 62021042937.4 [22] 24.11.2021

[86] 10.10.2019 PCT/JP2019/039941

[87] 16.04.2020 WO2020/075790

[30] 11.10.2018 JP,2018-192276

[54] STING-AGONIST COMPOUND  
STING 激動性化合物

[71] ONO Pharmaceutical Co., Ltd.  
小野藥品工業株式會社  
1-5, Doshomachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 5418526  
JAPAN

[72] 花田良輔  
小久保雅也  
黑野昌邦  
幸田健一  
萩谷洋

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

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[51] C07D 513/04 [11] 40053745  
C07D 498/04 CN112867721 A  
[13] A

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[51] C07F 9/6509 [11] 40053534  
C12Q 1/6886 CN112852959 A  
[13] A

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[51] C07F 9/6584 [11] 40053662  
A61P 43/00 EP3788054 A1  
A61K 31/675  
[13] A

[25] EN

[21] 62021037627.8 [22] 26.08.2021

[86] 30.04.2019 PCT/US2019/030028

[87] 07.11.2019 WO2019/213153

[30] 30.04.2018 US,62/664,850  
30.04.2018 US,62/664,860  
30.04.2018 US,62/664,863  
30.04.2018 US,62/664,891

[54] PHOSPHOLIDINES THAT ARE BCL FAMILY ANTAGONISTS FOR USE IN  
CLINICAL MANAGEMENT OF CONDITIONS CAUSED OR MEDIATED BY  
SENECENT CELLS AND FOR TREATING CANCER



供在由衰老細胞引起或介導的狀況的臨床管理中使用和用於治療癌症的作為 BCL 家族拮抗劑的氨基磷酸酯

[71] Unity Biotechnology, Inc.  
285 East Grand Avenue  
South San Francisco, CA 94080  
UNITED STATES OF AMERICA

[72] BEAUSOLEIL, Anne-Marie  
HUDSON, Ryan

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07J 1/00  | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07J 11/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C07J 13/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C07J 21/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|------|------------|------|--------------|
| [51] | C07J 3/00  | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07J 31/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07J 31/00  | [11] | 40053731      |
|      | A61K 31/437 |      | CN112912078 A |

[13] A

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[51] C07J 41/00 [11] 40053469  
C07J 43/00 EP3885352 A1  
[13] A

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[51] C07J 43/00 [11] 40053469  
C07J 9/00 EP3885352 A1  
A61K 31/58  
A61P 23/00  
A61P 25/20  
A61P 25/08  
A01N 51/00  
A61K 31/575  
A61K 45/06  
A61P 25/00  
A61P 25/06  
A61P 25/14  
A61P 25/18  
A61P 25/28  
C07J 1/00  
C07J 3/00  
C07J 5/00  
C07J 7/00  
C07J 11/00  
C07J 13/00  
C07J 21/00  
C07J 31/00  
C07J 41/00  
C07J 51/00  
C07J 71/00

[13] A

[25] EN  
[21] 42021042577.3 [22] 17.11.2021  
[30] 16.10.2014 US,201462064961 P  
[54] A COMPOUND, COMPOSITIONS THEREOF AND THIS COMPOUND FOR USE IN  
METHODS OF TREATING CNS DISORDERS  
一種化合物、其組合物和該化合物用於治療中樞神經系統疾病的方法  
[71] Sage Therapeutics, Inc.  
215 First Street  
Cambridge, MA 02142  
UNITED STATES OF AMERICA  
[72] MARTINEZ BOTELLA, Gabriel  
SALITURO, Francesco G.  
ROBICHAUD, Albert Jean  
HARRISON, Boyd L.  
[74] EAGLE IP LIMITED  
Room 509, Global Gateway Tower

63 Wing Hong Street, Lai Chi Kok, Kowloon  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07J 5/00  | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07J 51/00 | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |
|      |            | [13] | A            |

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|      |                                                                                                                                                                                       |      |              |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| [51] | C07J 63/00                                                                                                                                                                            | [11] | 40053429     |
|      | C12N 9/50                                                                                                                                                                             |      | EP3831839 A2 |
|      | A61K 31/575                                                                                                                                                                           |      |              |
|      | A61K 31/56                                                                                                                                                                            |      |              |
|      | A61K 31/58                                                                                                                                                                            |      |              |
|      | A61P 31/18                                                                                                                                                                            |      |              |
|      |                                                                                                                                                                                       | [13] | A            |
| [25] | EN                                                                                                                                                                                    |      |              |
| [21] | 42021042478.4                                                                                                                                                                         | [22] | 15.11.2021   |
| [30] | 04.02.2016 US,62/291,298                                                                                                                                                              |      |              |
| [54] | C-3 AND C-17 MODIFIED TRITERPENOIDS AS HIV-1 INHIBITORS<br>作為 HIV-1 抑制劑的 C-3 和 C-17 修飾的三萜類化合物                                                                                         |      |              |
| [71] | ViiV Healthcare UK (No.5) Limited<br>980 Great West Road, Brentford<br>Middlesex TW8 9GS<br>UNITED KINGDOM                                                                            |      |              |
| [72] | CHEN, Jie<br>CHEN, Yan<br>DICKER, Ira, B.<br>HARTZ, Richard A<br>MEANWELL, Nicholas A<br>REGUEIRO-REN, Alicia<br>SIT, Sing-Yuen<br>SIN, Ny<br>SWIDORSKI, Jacob<br>VENABLES, Brian Lee |      |              |
| [74] | KING & WOOD MALLESONS IP LIMITED<br>Level 11, Admiralty Center Tower 2<br>18 Harcourt Road, Admiralty<br>HONG KONG                                                                    |      |              |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C07J 7/00  | [11] | 40053469     |
|      | C07J 43/00 |      | EP3885352 A1 |

[13] A

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[51] C07J 7/00 [11] 40053565  
C07J 9/00 EP3828194 A1  
[13] A

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[51] C07J 71/00 [11] 40053469  
C07J 43/00 EP3885352 A1  
[13] A

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[51] C07J 9/00 [11] 40053469  
C07J 43/00 EP3885352 A1  
[13] A

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[51] C07J 9/00 [11] 40053565  
A61K 31/566 EP3828194 A1  
A61P 25/00  
A61P 1/04  
A61P 3/10  
A61P 25/20  
A61P 35/00  
A61P 43/00  
A61K 31/575  
C07J 7/00  
[13] A

[25] EN

[21] 42021043271.2 [22] 29.11.2021

[30] 06.07.2015 US,201562189048 P  
19.01.2016 US,201662280394 P

[54] OXYSTEROLS AND METHODS OF USE THEREOF  
孕甾醇及其使用方法

[71] Sage Therapeutics, Inc.  
215 First Street, Cambridge  
MA 02142  
UNITED STATES OF AMERICA

[72] SALITURO, Francesco G.  
ROBICHAUD, Albert Jean  
MARTINEZ BOTELLA, Gabriel

[74] GLOBAL ZEN IP SERVICES LIMITED  
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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 1/16  | [11] | 40053544      |
|      | A61K 38/16 |      | CN113350481 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 1/34  | [11] | 40053544      |
|      | A61K 38/16 |      | CN113350481 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 1/36  | [11] | 40053544      |
|      | A61K 38/16 |      | CN113350481 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/315 | [11] | 40053566     |
|      | A61K 38/46  |      | EP3842063 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07K 14/415 | [11] | 40053544      |
|      | A61K 38/16  |      | CN113350481 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/435 | [11] | 40053736     |
|      | C07K 14/705 |      | EP3827013 A2 |
|      | C07K 14/715 |      |              |
|      | C07K 14/725 |      |              |
|      | C07K 16/28  |      |              |
|      | C07K 16/30  |      |              |
|      | G01N 33/574 |      |              |
|      | C12N 15/12  |      |              |
|      | C12N 15/63  |      |              |
|      |             | [13] | A            |

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[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62021042906.9 | [22] | 23.11.2021 |
|------|---------------|------|------------|

[86] 26.07.2019 PCT/US2019/043690

[87] 30.01.2020 WO2020/023888

[30] 26.07.2018 US,201862703824 P

26.07.2018 US,201862703834 P

30.08.2018 US,201862725066 P

05.09.2018 US,201862727459 P

05.09.2018 US,201862727469 P

[54] COMPOSITIONS AND METHODS FOR TCR REPROGRAMMING USING TARGET SPECIFIC FUSION PROTEINS

使用靶特异性融合蛋白进行 TCR 重编程的组合物和方法

[71] TCR2 Therapeutics Inc.  
100 Binney Street, Suite 710  
Cambridge, Massachusetts 02142  
UNITED STATES OF AMERICA

[72] BAEUERLE, Patrick Alexander  
HOFMEISTER, Robert  
GETTS, Daniel  
ASHMINOVA, Vania  
DING, Jian

[74] EAGLE IP LIMITED  
Room 509, Global Gateway Tower  
63 Wing Hong Street, Lai Chi Kok, Kowloon  
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[51] C07K 14/46 [11] 40053460  
C07K 16/30 CN113549153 A  
[13] A

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[51] C07K 14/47 [11] 40053627  
A61K 39/00 EP3915577 A1  
[13] A

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[51] C07K 14/47 [11] 40053668  
C07K 16/28 CN112789292 A  
[13] A

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[51] C07K 14/55 [11] 40053682  
A61K 38/20 CN112771072 A  
A61P 35/00  
A61K 39/00  
A61K 39/39  
[13] A

[25] EN

[21] 62021041984.7 [22] 05.11.2021

[86] 19.07.2019 PCT/EP2019/069541

[87] 30.01.2020 WO2020/020783

[30] 24.07.2018 EP,PCT/EP2018/070068

[54] IL2 AGONISTS  
IL2 激動劑

[71] BioNTech RNA Pharmaceuticals GmbH  
生物技术 RNA 制药有限公司  
An der Goldgrube 12, 55131 Mainz  
GERMANY

德國  
美因茲

TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITAETSMEDIZIN  
DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ GEMEINNUETZIGE GMBH  
約翰·古騰堡大學美因茲醫學大學轉化腫瘤學公司  
Freiligrathstrasse 12, 55131 Mainz  
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美因茲

- [72] SAHIN, Ugur 烏爾·沙欣  
VORMEHR, Mathias 馬蒂亞斯·沃尔梅爾  
KRANZ, Lena Mareen 萊娜·馬倫·克蘭斯  
FELLERMEIER-KOPF, Sina 西納·費勒梅爾-科普夫  
MUIK, Alexander 亞歷山大·穆伊克  
GIESEKE, Friederike 弗里德里克·吉澤克  
TILLMANN, Bodo 博多·蒂爾曼  
WITZEL, Sonja 索尼婭·威策爾
- [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] | C07K 14/575 | [11] | 40053702     |
|      | C07K 14/68  |      | EP3820886 A1 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C07K 14/665 | [11] | 40053702     |
|      | C07K 14/68  |      | EP3820886 A1 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C07K 14/68  | [11] | 40053702     |
|      | A61K 51/08  |      | EP3820886 A1 |
|      | A61P 35/04  |      |              |
|      | C07K 14/575 |      |              |
|      | C07K 14/665 |      |              |
|      | C07K 7/06   |      |              |
|      | C07K 7/56   |      |              |
|      | G01T 1/164  |      |              |
|      |             | [13] | A            |

[25] EN

[21] 62021042707.1 [22] 19.11.2021

[86] 23.05.2019 PCT/CA2019/050703

[87] 28.11.2019 WO2019/222851

- [30] 23.05.2018 US, 62/675,757  
26.06.2018 US, 62/690,009
- [54] RADIOLABELED MELANOCORTIN 1 RECEPTOR-SPECIFIC ALPHA-MELANOCYTE-STIMULATING HORMONE ANALOGUES FOR IMAGING OR THERAPY  
用於成像或治療的放射性標記的黑皮質素 1 受體特異性  $\alpha$ -黑素細胞刺激激素類似物
- [71] Provincial Health Services Authority  
BC Cancer Research Centre, 675 West 10th Avenue  
Vancouver, BC V5Z 1L3  
CANADA
- [72] ZEISLER, Jutta  
ZHANG, Chengcheng  
BENARD, Francois  
LIN, Kuo-Shyan  
ZHANG, Zhengxing
- [74] MINTERELLISON LLP  
Level 32, Wu Chung House  
213 Queen's Road East  
HONG KONG

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- |      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07K 14/705 | [11] | 40053685     |
|      | C07K 16/30  |      | EP3814383 A1 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C07K 14/705 | [11] | 40053736     |
|      | C07K 14/435 |      | EP3827013 A2 |
|      |             | [13] | A            |
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|------|-------------|------|---------------|
| [51] | C07K 14/705 | [11] | 40053747      |
|      | C07K 14/725 |      | CN112888707 A |
|      |             | [13] | A             |
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|------|-------------|------|--------------|
| [51] | C07K 14/715 | [11] | 40053736     |
|      | C07K 14/435 |      | EP3827013 A2 |
|      |             | [13] | A            |
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|------|-------------|------|--------------|
| [51] | C07K 14/72  | [11] | 40053670     |
|      | C12N 5/0783 |      | EP3810646 A1 |
|      |             | [13] | A            |

[25] EN

[21] 62021041181.0 [22] 25.10.2021

[86] 21.06.2019 PCT/GB2019/051745



[87] 26.12.2019 WO2019/243835  
[30] 21.06.2018 GB,GB20180010181  
[54] CHIMERIC GROWTH FACTOR RECEPTORS  
嵌合生長因子受體  
[71] INSTIL BIO (UK) LIMITED  
48 Grafton Street  
Manchester M13 9XX  
UNITED KINGDOM  
[72] John Stephen BRIDGEMAN  
[74] IPMS CONSULTANTS LIMITED  
UNIT 2004B, 20/F, TOWER 5, CHINA HONG KONG CITY  
33 CANTON ROAD, TSIM SHA TSUI, KOWLOON  
HONG KONG

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[51] C07K 14/725 [11] 40053736  
C07K 14/435 EP3827013 A2  
[13] A

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[51] C07K 14/725 [11] 40053747  
C07K 14/705 CN112888707 A  
A61K 35/17  
C12N 5/0783  
A61P 35/00  
[13] A

[25] EN

[21] 62021042943.2 [22] 24.11.2021

[86] 16.08.2019 PCT/US2019/046876

[87] 20.02.2020 WO2020/037239

[30] 16.08.2018 US,62/764,817

25.02.2019 US,62/810,112

[54] T CELL RECEPTOR CONSTRUCTS AND USES THEREOF

T 細胞受體構建體及其用途

[71] BioNTech US Inc.

百欧恩泰美国公司

Suite 110, 40 Erie Street

Cambridge, MA 02139

UNITED STATES OF AMERICA

[72] JUNEJA, Vikram 维克拉姆·朱内贾

CHOI, Jaewon 崔宰源

[74] HONG KONG INTELLECTUAL PROPERTY AGENT LIMITED

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Phase 3, Hong Kong Science Park, Pak Shek Kok, N.T.

HONG KONG

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[51] C07K 16/18 [11] 40053692  
C07K 16/28 EP3880703 A1  
[13] A

[25] EN

[21] 62021042567.9 [22] 16.11.2021

[86] 13.11.2019 PCT/GB2019/053220

[87] 22.05.2020 WO2020/099871

[30] 13.11.2018 GB,201818460

[54] SINGLE DOMAIN ANTIBODIES THAT BIND HUMAN SERUM ALBUMIN  
結合人血清白蛋白的單結構域抗體

[71] Crescendo Biologics Limited  
Meditrina Building 260 Babraham Research Campus Cambridge  
Cambridgeshire CB22 3AT  
UNITED KINGDOM

[72] Bryan EDWARDS  
Debora PINTO

[74] IPMS CONSULTANTS LIMITED  
UNIT 2004B, 20/F, TOWER 5, CHINA HONG KONG CITY  
33 CANTON ROAD, TSIM SHA TSUI, KOWLOON  
HONG KONG

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[51] C07K 16/24 [11] 40053657  
A61K 39/395 CN113018431 A  
[13] A

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[51] C07K 16/28 [11] 40053430  
C12N 15/13 CN113045654 A  
A61K 39/395  
A61K 45/06  
A61P 35/00  
[13] A

[25] ZH

[21] 42021042480.0 [22] 15.11.2021

[54] ANTI-OX40 ANTIBODY AND USE THEREOF  
抗 OX40 抗體及其用途

[71] NANKAI UNIVERSITY  
南開大學  
中國  
300350 天津市津南區  
同硯路 38 號南開大學

[72] Hongkai ZHANG 張宏愷  
Ruina JIN 晉瑞娜  
Yuan WANG 王媛

[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] | C07K 16/28<br>C12N 15/13<br>A61K 39/395<br>A61K 45/06<br>A61P 35/00                                                                                                                                          | [11] | 40053431<br>CN113045655 A |
|      |                                                                                                                                                                                                              | [13] | A                         |
| [25] | ZH                                                                                                                                                                                                           |      |                           |
| [21] | 42021042482.6                                                                                                                                                                                                | [22] | 15.11.2021                |
| [54] | ANTI-OX40 ANTIBODY AND USE THEREOF<br>抗 OX40 抗體及其用途                                                                                                                                                          |      |                           |
| [71] | HIFIBIO (HONG KONG) LIMITED<br>高誠生物醫藥(香港)有限公司<br>香港<br>中環雪廠街 2 號<br>聖佐治大廈 3 層 303 室                                                                                                                          |      |                           |
| [72] | Hongkai Zhang 張宏愷<br>Yuan Wang 王媛<br>Yun-Yueh Lu 陸筠月<br>Yuqiang Shen 沈宇強<br>Nicola Arturo Aldo Beltraminelli N·A·A·貝爾特拉米內利<br>Liang Schweizer L·施魏策爾<br>Francisco Adrian F·阿德里安<br>Klaus Andreas Raue K·A·勞伊 |      |                           |
| [74] | KING & WOOD MALLESONS IP LIMITED<br>香港<br>金鐘夏慤道 18 號<br>海富中心 2 座 11 層                                                                                                                                        |      |                           |
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|------|---------------------------------------------------------------------------------|------|---------------------------|
| [51] | C07K 16/28<br>C07K 14/47<br>A61K 38/00<br>A61P 35/00                            | [11] | 40053668<br>CN112789292 A |
|      |                                                                                 | [13] | A                         |
| [25] | EN                                                                              |      |                           |
| [21] | 62021041128.1                                                                   | [22] | 25.10.2021                |
| [86] | 31.07.2019 PCT/EP2019/070596                                                    |      |                           |
| [87] | 06.02.2020 WO2020/025659                                                        |      |                           |
| [30] | 31.07.2018 EP,EP18186445.5<br>06.11.2018 EP,EP18204548.4                        |      |                           |
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[72] PAVLIDOU, Marina M·帕夫利杜  
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OLWILL, Shane S·奥威尔  
BEL AIBA, Rachida R·贝莱巴  
HINNER, Marlon M·欣纳  
PEPER, Janet J·佩珀

[74] Xiaoyu FAN  
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| [51] | C07K 16/28 | [11] | 40053692     |
|      | C07K 16/18 |      | EP3880703 A1 |
|      |            | [13] | A            |

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| [51] | C07K 16/28 | [11] | 40053693     |
|      | A61P 35/00 |      | EP3833442 A2 |
|      |            | [13] | A            |

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| [51] | C07K 16/28  | [11] | 40053736     |
|      | C07K 14/435 |      | EP3827013 A2 |
|      |             | [13] | A            |

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| [51] | C07K 16/28 | [11] | 40053740     |
|      | A61P 29/00 |      | EP3837013 A1 |
|      |            | [13] | A            |

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|      | A61K 39/00 |      | EP3843778 A1 |
|      |            | [13] | A            |

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C07K 14/46 CN113549153 A  
C12N 15/13  
A61K 39/395  
A61P 35/00  
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[54] TRI-SPECIFIC BINDING MOLECULES AND METHODS OF USE THEREOF  
三特异性結合分子和其使用方法

[71] MacroGenics, Inc.  
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[72] JOHNSON, Leslie, S. L·S·约翰逊  
HUANG, Ling 黄玲  
CHICHILI, Gurunadh, Reddy G·R·齐齐利  
SHAH, Kalpana K·沙哈  
LAM, Chia-Ying, Kao 郭家颖  
BURKE, Stephen, James S·J·布尔克  
LIU, Liqin 刘丽勤  
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BARAT, Bhaswati B·巴拉特

[74] CHANG TSI AND PARTNERS INTELLECTUAL PROPERTY (HK) LIMITED  
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8 FINANCE ST CENTRAL  
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C07K 14/705 EP3814383 A1  
C12N 5/078  
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- [30] 13.06.2018 US, 62/684, 513
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TARGETING CANCER CELLS  
靶向癌細胞的嵌合抗原受體的方法和組合物
- [71] The University of North Carolina at Chapel Hill  
109 Church Street, Chapel Hill  
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- The General Hospital Corporation  
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- [72] DOTTI, Gianpietro  
FERRONE, Soldano  
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DUKHOVLINOVA, Elena  
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WANG, Xinhui
- [74] UNITALEN ATTORNEYS AT LAW LIMITED  
RM 1201, 12/F, GOLDEN ERA PLAZA  
39-55 SAI YEE ST, MONGKOK KLN  
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|      | C07K 14/435 |      | EP3827013 A2 |
|      |             | [13] | A            |
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|      | A61K 39/00 |      | EP3915577 A1 |
|      |            | [13] | A            |
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| [51] | C07K 7/06  | [11] | 40053702     |
|      | C07K 14/68 |      | EP3820886 A1 |
|      |            | [13] | A            |
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| [51] | C07K 7/56  | [11] | 40053702     |
|      | C07K 14/68 |      | EP3820886 A1 |
|      |            | [13] | A            |
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| [51] | C08G 59/06  | [11] | 40053758      |
|      | C07D 303/26 |      | CN113677669 A |

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[51] C08J 5/08 [11] 40053691  
C03C 13/00 CN113474310 A  
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[51] C08K 13/04 [11] 40053425  
C08L 67/00 CN113549303 A  
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C08K 5/00 CN113462019 A  
G02B 1/04  
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[54] ANTI-BLUE LIGHT CONTACT LENS, ITS COMPOSITION AND  
MANUFACTURING METHOD  
防藍光隱形眼鏡、其組合物及製造方法

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- [72] LIN, Wen-Ching 林文卿  
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| [51] | C08K 3/22  | [11] | 40053425      |
|      | C08L 67/00 |      | CN113549303 A |
|      |            | [13] | A             |
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| [51] | C08K 3/26  | [11] | 40053425      |
|      | C08L 67/00 |      | CN113549303 A |
|      |            | [13] | A             |
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| [51] | C08K 3/34  | [11] | 40053425      |
|      | C08L 67/00 |      | CN113549303 A |
|      |            | [13] | A             |
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| [51] | C08K 3/36  | [11] | 40053425      |
|      | C08L 67/00 |      | CN113549303 A |
|      |            | [13] | A             |
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| [51] | C08K 3/40  | [11] | 40053425      |
|      | C08L 67/00 |      | CN113549303 A |
|      |            | [13] | A             |
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| [51] | C08K 5/00  | [11] | 40053446      |
|      | C08K 3/013 |      | CN113462019 A |
|      |            | [13] | A             |
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| [51] | C08K 5/09 | [11] | 40053681     |
|      | B22F 3/10 |      | EP3814037 A1 |



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| [51] | C08K 7/28  | [11] | 40053425      |
|      | C08L 67/00 |      | CN113549303 A |
|      |            | [13] | A             |

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|      | B22F 3/10  |      | EP3814037 A1 |
|      |            | [13] | A            |

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| [51] | C08L 23/08 | [11] | 40053681     |
|      | B22F 3/10  |      | EP3814037 A1 |
|      |            | [13] | A            |

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| [51] | C08L 63/00  | [11] | 40053758      |
|      | C07D 303/26 |      | CN113677669 A |
|      |             | [13] | A             |

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| [51] | C08L 67/00  | [11] | 40053425      |
|      | C08K 3/40   |      | CN113549303 A |
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|      | C08K 3/22   |      |               |
|      | C08K 13/04  |      |               |
|      | C09D 167/00 |      |               |
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|      |             | [13] | A             |

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[54] SANITARY ARTICLE  
一種衛生用品

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|      |            |      |              |
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| [51] | C08L 91/06 | [11] | 40053681     |
|      | B22F 3/10  |      | EP3814037 A1 |
|      |            | [13] | A            |

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| [51] | C09B 23/02  | [11] | 40053552     |
|      | C07D 403/06 |      | EP3831825 A1 |
|      |             | [13] | A            |

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| [51] | C09B 23/06  | [11] | 40053552     |
|      | C07D 403/06 |      | EP3831825 A1 |
|      |             | [13] | A            |

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| [51] | C09D 167/00 | [11] | 40053425      |
|      | C08L 67/00  |      | CN113549303 A |
|      |             | [13] | A             |

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| [51] | C09D 5/08 | [11] | 40053473    |
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[21] 42021042598.9 [22] 17.11.2021

[54] CORROSION INHIBITOR  
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[71] HEXIGONE INHIBITORS LTD  
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[51] C09D 7/61 [11] 40053425  
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C01B 32/184 CN113260692 A  
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[21] 62021042904.4 [22] 23.11.2021

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[87] 12.03.2020 WO2020/050436

[54] METHOD FOR PRODUCING GRAPHENE QUANTUM DOTS  
石墨烯量子點的製備方法

[71] DREAM FACTORY CO., LTD.

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[54] SEMI-CONTINUOUS CULTURE METHODS  
半連續培養方法

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[72] SUN, Zhiyong

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[51] C12N 1/20 [11] 40053470  
A61K 35/745 CN113151036 A  
A61K 35/744  
A61K 45/06  
A61P 35/00  
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A61P 37/04  
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A23C 9/123  
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[21] 42021042588.0 [22] 11.05.2020

[30] 01.11.2018 KR,10-2018-0133030  
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[62] 11.05.2020 42020007229.6

[54] NOVEL STRAINS HAVING EFFECTS OF PREVENTING OR TREATING  
CANCERS

具有預防或治療癌症的效果的新型菌株

[71] GENOME AND COMPANY

韓國億諾生物有限公司

INNOVALLEY A 801/802/806, PANGYORO 253

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朴信榮

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12N 15/10  | [11] | 40053426      |
|      | C12Q 1/6806 |      | CN112795620 A |
|      |             | [13] | A             |

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| [51] | C12N 15/10 | [11] | 40053427      |
|      | C40B 80/00 |      | CN112795990 A |
|      |            | [13] | A             |

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| [51] | C12N 15/10 | [11] | 40053472     |
|      | G01N 35/00 |      | EP3848459 A1 |
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[54] AUTOMATED CELL PROCESSING METHODS, MODULES, INSTRUMENTS AND  
SYSTEMS

自動化細胞處理方法、模塊、儀器和系統

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UNITED STATES OF AMERICA

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[51] C12N 15/10 [11] 40053507  
C40B 40/06 EP3913053 A1  
C12Q 1/68

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[21] 42021043072.4 [22] 25.11.2021

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[54] COMPOSITIONS AND METHODS FOR IMPROVING SAMPLE IDENTIFICATION  
IN INDEXED NUCLEIC ACID LIBRARIES  
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[51] C12N 15/10 [11] 40053535  
C12Q 1/6806 EP3825413 A1  
[13] A

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[51] C12N 15/10 [11] 40053631  
C12Q 1/6816 CN112941065 A  
C12Q 1/6869

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- [30] 21.07.2014 US, 62/027,191  
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- [54] POLYNUCLEOTIDE ENRICHMENT USING CRISPR-CAS SYSTEMS  
使用 CRISPR-CAS 系統的多核苷酸富集
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POKHOLOK, Dimitry K. D·K·波克霍洛克  
STEEMERS, Frank. J. F·J·斯蒂默斯  
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- [51] C12N 15/10 [11] 40053733  
C12Q 1/6827 CN112840023 A  
C12Q 1/6869
- [13] A
- [25] EN
- [21] 62021042860.8 [22] 23.11.2021
- [86] 23.10.2019 PCT/US2019/057704
- [87] 30.04.2020 WO2020/086746
- [30] 25.10.2018 US, 62/750,370  
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- [54] METHODS AND COMPOSITIONS FOR IDENTIFYING LIGANDS ON ARRAYS  
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BRODIN, Jeffrey Dennis 杰弗里·丹尼斯·布罗丁  
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HONG KONG

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[51] C12N 15/113 [11] 40053557  
A61K 31/712 EP3828275 A1  
A61K 31/7125  
A61P 3/06

[13] A

[25] EN

[21] 42021043257.1 [22] 29.11.2021

[30] 01.05.2013 US,201361818442 P  
15.05.2013 US,201361823826 P  
08.07.2013 US,201361843887 P  
29.08.2013 US,201361871673 P  
20.09.2013 US,201361880790 P  
08.04.2014 US,201461976991 P  
30.04.2014 US,201461986867 P

[54] COMPOSITIONS AND METHODS FOR MODULATING TTR EXPRESSION  
用於調節 TTR 表達的組合物和方法

[71] Ionis Pharmaceuticals, Inc.  
2855 Gazelle Court  
Carlsbad, CA 92010  
UNITED STATES OF AMERICA

[72] Thazha, P. PRAKASH  
Punit, P. SETH  
Eric, E. SWAYZE

[74] DEACONS  
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Central  
HONG KONG

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[51] C12N 15/113 [11] 40053634  
C12Q 1/68 EP3916106 A1  
[13] A

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[51] C12N 15/113 [11] 40053671  
C12N 15/86 EP3810777 A1  
[13] A

[25] EN

[21] 62021041279.2 [22] 27.10.2021

[86] 21.06.2019 PCT/US2019/038426

[87] 26.12.2019 WO2019/246494

[30] 21.06.2018 US,62/688,115



[54] COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF  
NEUROLOGICAL DISORDERS

用於治療和預防神經病症的組合物和方法

[71] Yumanity Therapeutics, Inc.

790 Memorial Drive

Suite 2C

Cambridge, MA 02139

UNITED STATES OF AMERICA

[72] Rebecca ARON

Bhaumik PANDYA

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[74] DEACONS

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12N 15/113 | [11] | 40053720     |
|      | C12N 7/00   |      | EP3820995 A1 |
|      |             | [13] | A            |

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| [51] | C12N 15/12  | [11] | 40053736     |
|      | C07K 14/435 |      | EP3827013 A2 |
|      |             | [13] | A            |

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|------|------------|------|---------------|
| [51] | C12N 15/13 | [11] | 40053430      |
|      | C07K 16/28 |      | CN113045654 A |
|      |            | [13] | A             |

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| [51] | C12N 15/13 | [11] | 40053431      |
|      | C07K 16/28 |      | CN113045655 A |
|      |            | [13] | A             |

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| [51] | C12N 15/13 | [11] | 40053460      |
|      | C07K 16/30 |      | CN113549153 A |
|      |            | [13] | A             |

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[51] C12N 15/63 [11] 40053736  
C07K 14/435 EP3827013 A2  
[13] A

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[51] C12N 15/85 [11] 40053494  
EP3839050 A2  
[13] A

[25] EN

[21] 42021043040.1 [22] 25.11.2021

[30] 18.04.2012 US, 61/635,203  
01.06.2012 US, 61/654,645

[54] NON-DISRUPTIVE GENE TARGETING  
非破壞性基因靶向

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

Board of Regents of the University of Texas System  
201 West 7th Street  
Austin, TX 78701  
UNITED STATES OF AMERICA

[72] KAY, Mark A.  
PORTEUS, Matthew  
BARKER, Jenny  
CHECKETTS, Josh  
VOIT, Richard  
BARZEL, Adi

[74] SIT, FUNG, KWONG & SHUM, SOLICITORS  
17th Floor, Chu Kong Shipping Tower  
No. 143 Connaught Road Central  
HONG KONG

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[51] C12N 15/86 [11] 40053434  
A61K 48/00 EP3851537 A1  
C12N 9/10  
A61K 38/45  
A61P 1/16  
[13] A

[25] EN

[21] 42021042488.3 [22] 15.11.2021

[30] 25.04.2014 EP, 14305622  
04.12.2014 EP, 14196400

[54] TREATMENT OF HYPERBILIRUBINEMIA  
高膽紅素血症的治療

[71] Genethon  
1 bis rue de l'Internationale  
91000 Evry  
FRANCE

International Centre For Genetic Engineering And  
Biotechnology  
AREA Science Park  
Padriciano 99  
34149 Trieste  
ITALY

[72] MINGOZZI, Federico  
RONZITTI, Giuseppe  
COLLAUD, Fanny  
MURO, Andrés  
BORTOLUSSI, Giulia

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
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| [51] | C12N 15/86  | [11] | 40053671     |
|      | C12N 15/113 |      | EP3810777 A1 |
|      |             | [13] | A            |

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|------|------------|------|--------------|
| [51] | C12N 15/86 | [11] | 40053695     |
|      | A61P 25/14 |      | EP3826719 A1 |
|      |            | [13] | A            |

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| [51] | C12N 15/86 | [11] | 40053701     |
|      |            |      | EP3894568 A2 |
|      |            | [13] | A            |

[25] EN

[21] 62021042706.3 [22] 19.11.2021

[86] 12.12.2019 PCT/US2019/065919

[87] 18.06.2020 WO2020/123773

[30] 12.12.2018 US, 62/778,866

12.12.2018 US, 62/778,869

[54] ANELLOSOMES FOR DELIVERING SECRETED THERAPEUTIC MODALITIES  
用於遞送分泌型治療方式的指環體

[71] Flagship Pioneering Innovations V, Inc.  
55 Cambridge Parkway, 8th Floor, Suite 800E

Cambridge, MA 02142

UNITED STATES OF AMERICA

[72] WEINSTEIN, Erica, Gabrielle

KAHVEJIAN, Avak

DELAGRAVE, Simon

YOZWIAK, Nathan, Lawrence

LEBO, Kevin, James

DIAZ, Fernando, Martin

NAWANDAR, Dhananjay, Maniklal

TEDSTONE, Ryan, D.

PITTS, Jared, David

[74] MARKS &amp; CLERK

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100 Cyberport Road, Pok Fu Lam

HONG KONG

[51] C12N 15/88

C12N 7/00

[11] 40053720

EP3820995 A1

[13] A

[51] C12N 5/0775

A61P 9/00

A61P 9/10

[11] 40053519

CN113564106 A

[13] A

[25] ZH

[21] 42021043100.3

[22] 25.11.2021

[54] METHOD FOR PREPARATION OF MESENCHYMAL STEM CELLS BASED ON

PRETREATMENT WITH TONGXINLUO

基於通心絡預處理的間充質幹細胞的製備方法

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Yuyan XIONG 熊语嫣

Ruijie TANG 汤瑞杰

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[51] C12N 5/0775

A61K 35/28

A61P 9/10

[11] 40053520

CN113373112 A

[13] A

[25] ZH

[21] 42021043101.1

[22] 25.11.2021

[54] EXOSOMES DERIVED FROM MESENCHYMAL STEM CELLS BASED ON  
PRETREATMENT WITH TONGXINLUO AND METHOD FOR PREPARATION  
THEREOF

基於通心絡預處理的間充質幹細胞來源外泌體及其製備方法

[71] Fuwai Hospital, Chinese Academy of Medical Sciences and Peking  
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[51] C12N 5/078  
C07K 16/30[11] 40053685  
EP3814383 A1

[13] A

[51] C12N 5/0783  
A61K 35/17[11] 40053468  
EP3821898 A1

[13] A

[51] C12N 5/0783  
C07K 14/72[11] 40053670  
EP3810646 A1

[13] A

[51] C12N 5/0783  
C07K 14/725[11] 40053747  
CN112888707 A

[13] A

[51] C12N 5/09  
A61K 9/51[11] 40053739  
EP3829548 A1

[13] A

[51] C12N 7/00 [11] 40053720  
C12N 15/113 EP3820995 A1  
C12N 15/88  
[13] A

[25] EN

[21] 62021042744.4 [22] 19.11.2021

[86] 08.07.2019 PCT/IB2019/055805

[87] 16.01.2020 WO2020/012335

[30] 10.07.2018 IT,IT20180007055

[54] VESICLES FOR TRACELESS DELIVERY OF GUIDE RNA MOLECULES AND/OR  
GUIDE RNA MOLECULE/RNA-GUIDED NUCLEASE COMPLEX(ES) AND A  
PRODUCTION METHOD THEREOF  
用於無痕遞送引導 RNA 分子和/或引導 RNA 分子/RNA 引導核酸酶複合物(ES)的囊  
泡及其生產方法

[71] Alia Therapeutics S.R.L.  
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38122 Trento  
ITALY

[72] PETRIS, Gianluca  
CASINI, Antonio  
CERESETO, Anna

[74] LETTERS & THOO LIMITED  
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HONG KONG

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[51] C12N 7/01 [11] 40053716  
A61K 35/768 CN112996908 A  
A61K 48/00  
A61K 45/06  
A61K 38/19  
A61P 35/00  
A61P 35/04  
C12R 1/93  
[13] A

[25] EN

[21] 62021042737.8 [22] 19.11.2021

[86] 12.07.2019 PCT/US2019/041700

[87] 16.01.2020 WO2020/014670

[30] 13.07.2018 US,62/697,581

[54] METHODS OF TREATING CANCER WITH TNF EXPRESSING MYXOMA VIRUS  
用表達 TNF 的粘液瘤病毒治療癌症的方法

[71] Arizona Board of Regents on behalf of Arizona State  
University  
亞利桑那州立大學董事會  
1475 N. Scottsdale Road, Suite 200

Scottsdale, AZ 85257  
UNITED STATES OF AMERICA

- [72] MCFADDEN, Grant 格蘭特·麦克法登  
CHRISTIE, John 約翰·克里斯蒂  
BLATTMAN, Joseph J·布莱特曼  
RAHMAN, Mohammed Masmudur 穆罕默德·马斯姆杜尔·拉赫曼  
VILLA, Nancy Yaneth 南希·亚内斯·维拉
- [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] | C12N 9/10  | [11] | 40053434     |
|      | C12N 15/86 |      | EP3851537 A1 |
|      |            | [13] | A            |
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| [51] | C12N 9/50  | [11] | 40053429     |
|      | C07J 63/00 |      | EP3831839 A2 |
|      |            | [13] | A            |
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| [51] | C12N 9/74 | [11] | 40053485      |
|      |           |      | CN112877313 A |
|      |           | [13] | A             |
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[25] ZH

[21] 42021042773.8 [22] 28.03.2017

[62] 28.03.2017 17103208.3

[54] METHOD FOR PREPARATION OF THROMBIN  
用於製備凝血酶的方法

[71] GUANGZHOU BIOSEAL BIOTECH CO., LTD.  
廣州倍綉生物技術有限公司  
5 RUI TAI ROAD, SCIENCE PARK, HIGH TECH INDUSTRIAL  
DEVELOPMENT ZONE  
GUO GANG DISTRICT, GUANGZHOU, GUANGDONG PROVINCE, 510620  
CHINA

OMRIX BIOPHARMACEUTICALS LTD.  
奧姆里克斯生物藥品有限公司  
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P.O. BOX 619, REHOVOT 7610601  
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Dana SELLA D·塞拉  
Israel NUR I·諾爾

Caixia JIANG 江彩霞

Baochang AN 安寶昌

[74] KING & WOOD MALLESONS IP LIMITED  
Level 11, Admiralty Center Tower 2  
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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | C12P 7/64 | [11] | 40053630     |
|      | C12N 1/12 |      | EP3839041 A1 |
|      |           | [13] | A            |

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|------|-----------|------|---------------|
| [51] | C12Q 1/00 | [11] | 40053742      |
|      | B01L 7/00 |      | CN112996601 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12Q 1/48  | [11] | 40053709     |
|      | G01N 33/53 |      | EP3867642 A1 |
|      |            | [13] | A            |

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|------|-------------|------|--------------|
| [51] | C12Q 1/68   | [11] | 40053487     |
|      | C12Q 1/6883 |      | EP3910072 A2 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C12Q 1/68  | [11] | 40053507     |
|      | C12N 15/10 |      | EP3913053 A1 |
|      |            | [13] | A            |

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| [51] | C12Q 1/68 | [11] | 40053629     |
|      |           |      | EP3831958 A1 |
|      |           | [13] | A            |

[25] EN

[21] 42021043923.8 [22] 08.12.2021

[30] 30.06.2016 US,201662357281 P  
28.07.2016 US,201662368025 P

[54] DIFFERENTIAL TAGGING OF RNA FOR PREPARATION OF A CELL-FREE  
DNA/RNA SEQUENCING LIBRARY  
用於製備游離 DNA/RNA 測序文庫的 RNA 區分標記

[71] GRAIL, LLC  
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1525 O'Brien Drive Menlo Park, California 94025



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加利福尼亞州門洛帕克市

[72] LARSON, Matthew

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EATTOCK, Nicholas

JAMSHIDI, Arash

[74] CHINAHONGKONG IP LIMITED

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HONG KONG

[51] C12Q 1/68

[11] 40053634

C12N 15/113

EP3916106 A1

C12Q 1/6886

[13] A

[25] EN

[21] 42021043950.1

[22] 08.12.2021

[30] 09.03.2015 SG,10201501781W

[54] METHOD OF DETERMINING THE RISK OF DEVELOPING BREAST CANCER

確定患乳腺癌的風險的方法

[71] Agency for Science, Technology and Research

1 Fusionopolis Way

20-10, Connexis North Tower

Singapore 138632

SINGAPORE

[72] TOO, Heng-phon

ZHOU, Lihan

ZOU, Ruiyang

[74] SPRUSON &amp; FERGUSON (HONG KONG) LIMITED

5001 Hopewell Centre

183 Queen's Road East, Wan Chai

HONG KONG

[51] C12Q 1/6806

[11] 40053426

C12N 15/10

CN112795620 A

C40B 50/06

[13] A

[25] ZH

[21] 42021042457.8

[22] 12.11.2021

[54] DOUBLE-STRANDED NUCLEIC ACID CIRCULARIZATION METHOD,

METHYLATION SEQUENCING LIBRARY CONSTRUCTION METHOD AND KIT

雙鏈核酸環化方法、甲基化測序文庫構建方法和試劑盒

[71] 深圳华大基因股份有限公司

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广东省深圳市盐田区洪安三街 21 号  
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香港  
新界沙田香港科學園  
科技大道西 10 號浚湖樓 617 室

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|      |                           |      |                           |
|------|---------------------------|------|---------------------------|
| [51] | C12Q 1/6806<br>C40B 80/00 | [11] | 40053427<br>CN112795990 A |
|      |                           | [13] | A                         |

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|      |                                                        |      |                           |
|------|--------------------------------------------------------|------|---------------------------|
| [51] | C12Q 1/6806<br>C12N 15/10<br>C40B 50/06<br>C12Q 1/6869 | [11] | 40053465<br>CN112824534 A |
|      |                                                        | [13] | A                         |

[25] ZH

[21] 42021042568.2 [22] 16.11.2021

[54] METHOD FOR AMPLIFYING TARGET REGION OF NUCLEIC ACID, METHOD  
FOR CONSTRUCTING LIBRARY AND SEQUENCING, AND KIT  
對核酸的目標區域進行擴增的方法、建庫和測序方法及試劑盒

[71] 武汉华大医学检验所有限公司  
中國  
湖北省武汉市东湖新技术开发区高新大道 666 号  
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黄金  
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[51] C12Q 1/6806 [11] 40053535  
C12N 15/10 EP3825413 A1  
[13] A

[25] EN

[21] 42021043127.6 [22] 25.11.2021

[30] 15.03.2013 US,US201361852357P  
15.03.2013 US,US201361852358P

[54] METHODS FOR IMPROVED ISOLATION OF GENOMIC DNA TEMPLATES FOR  
ALLELE DETECTION  
用於等位基因檢測的基因組 DNA 模板的改進分離方法

[71] Avellino Lab USA, Inc.  
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Menlo Park, CA 94025  
UNITED STATES OF AMERICA

[72] CHAO- SHERN, Connie

[74] LETTERS & THOO LIMITED  
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[51] C12Q 1/6816 [11] 40053631  
C12N 15/10 CN112941065 A  
[13] A

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[51] C12Q 1/6827 [11] 40053733  
C12N 15/10 CN112840023 A  
[13] A

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[51] C12Q 1/6841 [11] 40053669  
EP3810801 A1  
[13] A

[25] EN

[21] 62021041180.2 [22] 25.10.2021

[86] 24.06.2019 PCT/US2019/038756

[87] 02.01.2020 WO2020/005846

[30] 25.06.2018 US,62/689,650  
11.07.2018 US,62/696,696

[54] LABELING OF DNA  
DNA 的標記

[71] Bionano Genomics, Inc.  
9540 Towne Centre Drive, Suite 100  
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[72] HASTIE, Alex, R.  
ZHANG, Deng

[74] Mark Wong & Associates Limited  
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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6869 | [11] | 40053465      |
|      | C12Q 1/6806 |      | CN112824534 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6869 | [11] | 40053631      |
|      | C12N 15/10  |      | CN112941065 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6869 | [11] | 40053733      |
|      | C12N 15/10  |      | CN112840023 A |
|      |             | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6883 | [11] | 40053487     |
|      | C12Q 1/68   |      | EP3910072 A2 |
|      |             | [13] | A            |

[25] EN

[21] 42021042787.8 [22] 22.11.2021

[30] 28.02.2013 US, 61/770,985

[54] MATERNAL PLASMA TRANSCRIPTOME ANALYSIS BY MASSIVELY PARALLEL  
RNA SEQUENCING  
通過大規模平行 RNA 測序分析母親血漿轉錄組

[71] The Chinese University of Hong Kong  
香港中文大學  
Knowledge Transfer Office, Room 301 Pi Ch'iu Building  
Shatin New Territories  
HONG KONG

[72] LO, Yuk Ming Dennis  
CHIU, Rossa Wai Kwun  
CHAN, Kwan Chee  
JIANG, Peiyong  
TSUI, Bo Yin

[74] INSIGHT (HK) INTELLECTUAL PROPERTY LIMITED  
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[51] C12Q 1/6883 [11] 40053688  
A61K 48/00 CN112770783 A  
[13] A

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[51] C12Q 1/6883 [11] 40053750  
EP3908678 A1  
[13] A

[25] EN

[21] 62021042946.5 [22] 24.11.2021

[86] 10.01.2020 PCT/US2020/013095

[87] 16.07.2020 WO2020/146740

[30] 10.01.2019 US, 62/790,898

29.03.2019 US, 62/826,209

05.09.2019 US, 62/896,354

[54] SYSTEM AND METHODS FOR MONITORING ADOPTIVE CELL THERAPY  
CLONALITY AND PERSISTENCE

用於監測過繼細胞療法克隆性和持久性的系統和方法

[71] Iovance Biotherapeutics, Inc.

999 Skyway Road, Suite 150

San Carlos, CA 94070

UNITED STATES OF AMERICA

[72] CHARTIER-COURTAUD, Cecile

GONTCHAROVA, Viktoria

NATARAJAN, Arvind

[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] C12Q 1/6886 [11] 40053534  
G01N 33/574 CN112852959 A  
C07F 9/6509  
C07D 471/04  
C07D 487/10  
A61P 35/00

[13] A

[25] ZH

[21] 42021043125.0 [22] 25.11.2021

[30] 27.11.2019 CN, PCT/CN2019/121214

[54] METHOD AND COMPOSITIONS FOR PREDICTING ANTI-CANCER EFFICACY  
OF COMPOUNDS TARGETING APOPTOSIS PATHWAY

用於預測靶向細胞凋亡途徑的化合物的抗癌功效的方法和組合物

[71] ASCENTAGE PHARMA (SUZHOU) CO., LTD.

蘇州亞盛藥業有限公司

Unit 701, Building B7  
218 Xinghu Street, Suzhou Industrial Park, Suzhou, Jiangsu  
215000  
CHINA

ASCENTAGE PHARMA GROUP CORP LIMITED

亞盛醫藥集團(香港)有限公司  
9/F, Wah Yuen Building  
149 Queen's Road, Central  
HONG KONG

[72] 翟一帆

楊大俊

方東

陶然

[74] JUN HE LAW OFFICES

Suite 3701-10, 37th Floor, Jardine House  
1 Connaught Place, Central  
HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C12Q 1/6886 | [11] | 40053634     |
|      | C12Q 1/68   |      | EP3916106 A1 |
|      |             | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C12Q 1/6886 | [11] | 40053688      |
|      | A61K 48/00  |      | CN112770783 A |
|      |             | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | C12Q 3/00 | [11] | 40053630     |
|      | C12N 1/12 |      | EP3839041 A1 |
|      |           | [13] | A            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C12R 1/01 | [11] | 40053470      |
|      | C12N 1/20 |      | CN113151036 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C12R 1/93 | [11] | 40053716      |
|      | C12N 7/01 |      | CN112996908 A |
|      |           | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C25B 1/46   | [11] | 40053623      |
|      | C25B 15/023 |      | CN113136592 A |

[13] A

[25] ZH

[21] 42021043826.3

[22] 07.12.2021

[30] 16.01.2020 US, 62/961, 773

[54] METHODS AND SYSTEMS FOR DETECTING FAULTS IN ELECTROLYSERS  
HAVING ELECTROLYSIS CELLS

檢測具有電解電池的電解裝置中的故障的方法和系統

[71] RECHERCHE 2000 INC.

睿徹馳 2000 有限公司

380 St-Antoine Ouest, Bureau 2000

Montréal QC H2Y 3X7

CANADA

[72] Said BERRIAH 賽德·貝裡赫

Daniel BUADES MARCOS 丹尼爾·布德斯·馬科斯

Gilles J. TREMBLAY 吉勒·J·特倫佈雷

[74] Sunhope Intellectual Property Limited Attn: Miss Fiona Ko

ROOM 902, 9/F, QUALIPAK TOWER

NO. 121-122 CONNAUGHT ROAD WEST

HONG KONG

[51] C25B 15/023

[11] 40053623

C25B 1/46

CN113136592 A

[13] A

[51] C25D 17/00

[11] 40053488

C25D 21/10

EP3825445 A1

[13] A

[51] C25D 21/10

[11] 40053488

C25D 5/08

EP3825445 A1

C25D 17/00

[13] A

[25] EN

[21] 42021042789.4

[22] 22.11.2021

[54] DISTRIBUTION BODY FOR A PROCESS FLUID FOR CHEMICAL AND/OR  
ELECTROLYTIC SURFACE TREATMENT OF A SUBSTRATE

用於襯底的化學及/或電解表面處理的工藝流體的分配主體

[71] SEMSYSCO GMBH

勝思科技有限公司

KAROLINGERSTRASSE 7C

SALZBURG 5020

AUSTRIA

[72] GLEISSNER, ANDREAS  
ENGESSER, PHILIPP  
OKORN-SCHMIDT, HARALD  
[74] LI Wing Hong  
20/F., Central Tower  
28 Queen's Road Central  
HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C25D 5/08  | [11] | 40053488     |
|      | C25D 21/10 |      | EP3825445 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C40B 40/06 | [11] | 40053507     |
|      | C12N 15/10 |      | EP3913053 A1 |
|      |            | [13] | A            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C40B 50/06  | [11] | 40053426      |
|      | C12Q 1/6806 |      | CN112795620 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C40B 50/06 | [11] | 40053427      |
|      | C40B 80/00 |      | CN112795990 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C40B 50/06  | [11] | 40053465      |
|      | C12Q 1/6806 |      | CN112824534 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C40B 80/00  | [11] | 40053427      |
|      | C40B 50/06  |      | CN112795990 A |
|      | C12Q 1/6806 |      |               |
|      | C12N 15/10  |      |               |
|      | G16B 20/50  |      |               |
|      |             | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021042459.4 | [22] | 13.11.2021 |
|------|---------------|------|------------|

[54] A FLEXIBLE MULTI-TAG SECOND-GENERATION SEQUENCING LIBRARY  
ADAPTOR THAT REDUCES POLLUTION AND PCR BIAS  
一種靈活多變的降低污染及 PCR 偏倚的多標籤二代測序文庫接頭

[71] 广州华大基因医学检验所有限公司  
中國



广东省广州市番禺区小谷围街  
中二橫路 22 号 A305 房, 510006

深圳华大基因股份有限公司  
中國  
广东省深圳市盐田区洪安三街 21 号  
华大综合园 7 栋 7 层-14 层, 518083

深圳华大临床检验中心  
中國  
广东省深圳市盐田区盐田街道  
北山工业区 11 栋 1、3、4、5 楼, 518083

[72] 李英镇  
徐祖元  
吴红龙

[74] 百睿知識產權有限公司  
香港  
新界沙田香港科學園  
科技大道西 10 號浚湖樓 617 室

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[51] D04B 1/12 [11] 40053754  
A43B 1/04 CN112912549 A  
[13] A

[25] EN

[21] 62021042953.1 [22] 24.11.2021

[86] 22.10.2019 PCT/US2019/057376

[87] 30.04.2020 WO2020/086543

[30] 26.10.2018 US, 62/751,010

[54] A KNITTED COMPONENT COMPRISING A WINDOW, A METHOD OF FORMING  
A TEXTILE FROM THE KNITTED COMPONENT, AND A TEXTILE OBTAINED  
BY THE METHOD  
包括窗口的針織部件、形成來自該針織部件的紡織品的方法以及通過該方法獲得的  
紡織品

[71] NIKE INNOVATE C.V.  
耐克创新有限合伙公司  
One Bowerman Drive  
Beaverton, OR 97005  
UNITED STATES OF AMERICA

[72] ACEVES TINAJERO, Juan, L. 胡安·L·阿塞韦斯蒂娜耶罗  
LINE, Ashleigh, S. 阿什丽·S·莱恩  
MATTEO, Nicolino 尼科利诺·马泰奥

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | D04B 1/22  | [11] | 40053506     |
|      | D04B 21/20 |      | EP3835470 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | D04B 21/20 | [11] | 40053506     |
|      | A61B 17/06 |      | EP3835470 A1 |
|      | D04B 1/22  |      |              |
|      | D04C 1/12  |      |              |
|      | A61B 17/00 |      |              |
|      |            | [13] | A            |

[25] EN

[21] 42021043070.8 [22] 25.11.2021

[30] 02.02.2011 US,201161438880 P

16.03.2011 US,201161453453 P

04.10.2011 US,201161542990 P

[54] VARIABLE DENIER YARN AND SUTURE

可變織度紗線和縫合線

[71] SYNTORR, INC.

1157 Harker Avenue

Palo Alto, CA 94301

UNITED STATES OF AMERICA

[72] MARTIN, Daniel, L.

[74] CHAN, TANG & KWOK

Rooms 2503-04, 25/F., Shanghai Industrial Investment Building

48-62 Hennessy Road, Wanchai

HONG KONG

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | D04C 1/12  | [11] | 40053506     |
|      | D04B 21/20 |      | EP3835470 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D04C 3/00  | [11] | 40053633      |
|      | B29C 64/10 |      | CN113059790 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | D06M 101/20 | [11] | 40053504      |
|      | A01N 25/28  |      | CN113558047 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D06M 11/76 | [11] | 40053504      |
|      | A01N 25/28 |      | CN113558047 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | D06M 13/463 | [11] | 40053504      |
|      | A01N 25/28  |      | CN113558047 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | D06M 15/555 | [11] | 40053504      |
|      | A01N 25/28  |      | CN113558047 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D06M 23/12 | [11] | 40053504      |
|      | A01N 25/28 |      | CN113558047 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D21H 17/07 | [11] | 40053504      |
|      | A01N 25/28 |      | CN113558047 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D21H 17/52 | [11] | 40053504      |
|      | A01N 25/28 |      | CN113558047 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D21H 17/67 | [11] | 40053504      |
|      | A01N 25/28 |      | CN113558047 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | D21H 21/36 | [11] | 40053504      |
|      | A01N 25/28 |      | CN113558047 A |
|      |            | [13] | A             |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | E03C 1/042 | [11] | 40053555    |
|      | E03D 11/14 |      | GB2592200 A |
|      |            | [13] | A           |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | E03C 1/322 | [11] | 40053555    |
|      | E03D 11/14 |      | GB2592200 A |
|      |            | [13] | A           |

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | E03D 11/14 | [11] | 40053555    |
|      | F16B 21/07 |      | GB2592200 A |
|      | E03C 1/042 |      |             |
|      | E03C 1/322 |      |             |
|      | E03D 13/00 |      |             |
|      |            | [13] | A           |

[25] EN

[21] 42021043254.8 [22] 29.11.2021

[54] SANITARY WARE APPARATUS  
衛生潔具裝置

[71] Ideal Standard International NV  
Corporate Village - Gent Building  
Da Vincilaan, 2  
1935 Zaventem  
BELGIUM

[72] ALESSANDRO MORETTO

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

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|      |            |      |             |
|------|------------|------|-------------|
| [51] | E03D 13/00 | [11] | 40053555    |
|      | E03D 11/14 |      | GB2592200 A |
|      |            | [13] | A           |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E04F 13/08 | [11] | 40053723      |
|      | E04F 15/02 |      | CN112912576 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E04F 15/02 | [11] | 40053722      |
|      | E04F 15/10 |      | CN112912575 A |
|      |            | [13] | A             |

[25] EN

[21] 62021042746.9 [22] 19.11.2021

[86] 30.09.2019 PCT/EP2019/076440

[87] 30.04.2020 WO2020/083613

[30] 26.10.2018 NL,2021884

[54] PANEL, IN PARTICULAR A FLOOR OR WALL PANEL WITH A MECHANICAL LOCKING SYSTEM

具有機械鎖定系統的鑲板，特別是地板鑲板或牆壁鑲板

[71] I4F LICENSING NV

I4F 許可有限責任公司

25

Oude Watertorenstraat, B-3930 Hamont-Achel

BELGIUM

[72] BOUCKÉ, Eddy Alberic 艾迪·阿爾貝裡克·伯克

[74] MY IP FIRM LIMITED

Flat F, Floor 37, Tower 12, Park Central

9 Tong Tak Str, Tseung Kwan O

HONG KONG

[51] E04F 15/02 [11] 40053723  
E04F 13/08 CN112912576 A  
E04F 15/10

[13] A

[25] EN

[21] 62021042747.7 [22] 19.11.2021

[86] 30.09.2019 PCT/EP2019/076441

[87] 30.04.2020 WO2020/083614

[30] 26.10.2018 NL,2021885

[54] MULTI-PURPOSE TILE SYSTEM, TILE COVERING, AND TILE

多用途磚片系統、磚片覆蓋物和磚片

[71] I4F LICENSING NV

I4F 許可有限責任公司

25

Oude Watertorenstraat, B-3930 Hamont-Achel

BELGIUM

[72] BOUCKÉ, Eddy Alberic 艾迪·阿爾貝裡克·伯克

[74] MY IP FIRM LIMITED

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9 Tong Tak Str, Tseung Kwan O

HONG KONG

[51] E04F 15/02 [11] 40053724  
E04F 15/10 CN112955613 A  
B32B 21/02  
B32B 27/30

[13] A

[25] EN

[21] 62021042748.5 [22] 19.11.2021

[86] 30.09.2019 PCT/EP2019/076443

[87] 30.04.2020 WO2020/083616

[30] 26.10.2018 NL,2021887

[54] MULTI-PURPOSE TILE SYSTEM  
多用途磚片系統

[71] I4F LICENSING NV  
I4F 許可有限責任公司  
25  
Oude Watertorenstreet, B-3930 Hamont-Achel  
BELGIUM

[72] BOUCKÉ, Eddy Alberic 艾迪·阿爾貝裡克·伯克

[74] MY IP FIRM LIMITED  
Flat F, Floor 37, Tower 12, Park Central  
9 Tong Tak Str, Tseung Kwan O  
HONG KONG

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E04F 15/10 | [11] | 40053722      |
|      | E04F 15/02 |      | CN112912575 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E04F 15/10 | [11] | 40053723      |
|      | E04F 15/02 |      | CN112912576 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E04F 15/10 | [11] | 40053724      |
|      | E04F 15/02 |      | CN112955613 A |
|      |            | [13] | A             |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | E05D 7/14 | [11] | 40053480     |
|      | E05G 1/00 |      | EP3910141 A1 |
|      | E05G 1/02 |      |              |
|      |           | [13] | A            |

[25] EN

[21] 42021042754.8 [22] 19.11.2021

[30] 11.05.2020 GB,2006920.9

[54] IMPROVEMENTS TO SECURE STORAGE APPARATUS  
安全儲存設備的改進

[71] Power Box AG  
Poststrasse 6  
6302 Zug  
SWITZERLAND

[72] Trollope, Tim

[74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building

111 Gloucester Road  
HONG KONG

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | E05G 1/00 | [11] | 40053480     |
|      | E05D 7/14 |      | EP3910141 A1 |
|      |           | [13] | A            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | E05G 1/02 | [11] | 40053480     |
|      | E05D 7/14 |      | EP3910141 A1 |
|      |           | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E21B 47/04 | [11] | 40053560      |
|      | E21B 47/12 |      | CN112983402 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | E21B 47/113 | [11] | 40053560      |
|      | E21B 47/12  |      | CN112983402 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | E21B 47/12  | [11] | 40053560      |
|      | E21B 47/113 |      | CN112983402 A |
|      | E21B 47/04  |      |               |
|      | E21F 17/18  |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021043264.7 [22] 29.11.2021

[54] UNDERGROUND DRILLING WHILE-DRILLING TRANSIENT ELECTROMAGNETIC  
ADVANCED INTELLIGENT DETECTION REAL-TIME EARLY WARNING DEVICE  
AND METHOD

井下鑽孔隨鑽瞬變電磁超前智能探測實時預警裝置及方法

[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING

中国矿业大学(北京)

中國

北京市海淀区学院路丁 11 号

WUHAN CHANGSHENG MINE SECURITY TECHNOLOGY LIMITED

武汉长盛煤安科技有限公司

中國

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[72] WU Qiang 武强

LIU Chunsheng 刘春生

ZENG Yifan 曾一凡

LIU Liu 刘鋈

TAO Fengjuan 陶凤娟

HU Gang 胡刚

[74] 德彦联合发展有限公司

香港

皇后大道東 183 號

合和中心 54 樓

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | E21F 17/18 | [11] | 40053560      |
|      | E21B 47/12 |      | CN112983402 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | F04F 5/16 | [11] | 40053626      |
|      | F04F 5/44 |      | CN113669306 A |
|      |           | [13] | A             |

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[25] ZH

[21] 42021043849.5 [22] 07.12.2021

[30] 14.05.2020 KR,10-2020-0057726  
02.06.2020 KR,10-2020-0066278  
02.06.2020 KR,10-2020-0066280  
02.06.2020 KR,10-2020-0066279  
26.10.2020 KR,10-2020-0139361

[54] BLOWER

送風機

[71] LG ELECTRONICS INC.

LG 电子株式会社

128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336

REPUBLIC OF KOREA

[72] Jaehyeon KIM 金宰贤

Haein JUNG 郑惠仁

Kibbum Park 朴欣喜

Yongmin KIM 金容民

Seungho BAEK 白承浩

Kidong KIM 金起东

Seokho CHOI 崔硕浩

Hyungho PARK 朴亨镐

Hoojin KIM 金厚辰

Siyoun OH 吴时荣

Hosik JANG 张皓植

Chiyoung CHOI 崔致英

[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] | F04F 5/44 | [11] | 40053626      |
|      | F04F 5/16 |      | CN113669306 A |
|      |           | [13] | A             |

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| [51] | F16B 21/07 | [11] | 40053555    |
|      | E03D 11/14 |      | GB2592200 A |
|      |            | [13] | A           |

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| [51] | F16K 11/02 | [11] | 40053554      |
|      | F16K 31/50 |      | CN112855983 A |
|      | F16K 31/60 |      |               |
|      | G05D 7/00  |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021043252.2 [22] 29.11.2021

[54] WATER MIXER  
混水器

[71] Phoenix Industries Pty Ltd  
菲尼克斯工业有限公司  
926 Mountain Hwy  
Bayswater, Victoria 3153  
AUSTRALIA

[72] HOOGENDOORN, John Henri 约翰·亨利·豪根道  
COCKS, Andrew John 安德鲁·约翰·科克斯  
LIU, Ban Hsi 班恩·希·刘  
PEDULLA, Stephen Frank 斯蒂芬·弗兰克·佩杜拉

[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] | F16K 17/20 | [11] | 40053545      |
|      | F16K 47/02 |      | CN113494635 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043225.8 [22] 29.11.2021

[30] 19.03.2020 JP,2020-049341

[54] WATER GOVERNOR  
水調速器

[71] Rinnai Corporation  
林内株式会社  
2-26, FUKUZUMI-CHO, NAKAGAWA-KU  
NAGOYA-SHI, AICHI 454-0802  
JAPAN

[72] TAKEBE Shigeki 武部重树

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

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|------|------------|------|---------------|
| [51] | F16K 31/50 | [11] | 40053554      |
|      | F16K 11/02 |      | CN112855983 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | F16K 31/60 | [11] | 40053554      |
|      | F16K 11/02 |      | CN112855983 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | F16K 47/02 | [11] | 40053545      |
|      | F16K 17/20 |      | CN113494635 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | G01C 21/12 | [11] | 40053698     |
|      | B61L 25/02 |      | EP3898380 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | G01C 21/36 | [11] | 40053588      |
|      |            |      | CN113514075 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043622.6 [22] 03.12.2021

[54] VOICE PLAYING METHOD AND DEVICE, TERMINAL AND STORAGE MEDIUM  
語音播放方法、裝置、終端及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District, Shenzhen, Guangdong, 518057  
CHINA  
中國

518057 广东省深圳市南山区高新区科技中一路  
腾讯大厦 35 层

[72] ZHOU, ZHITONG 周志桐

[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] G01C 9/20  
B61L 25/02

[11] 40053698  
EP3898380 A1

[13] A

[51] G01H 17/00  
G01M 17/04

[11] 40053415  
CN112747944 A

[13] A

[51] G01M 17/04  
G01H 17/00  
G08B 21/18

[11] 40053415  
CN112747944 A

[13] A

[25] ZH

[21] 42021040377.0

[22] 13.10.2021

[30] 31.10.2019 US, 16/671,042

[54] AUTOMATED VEHICULAR DAMAGE DETECTION  
自動車輛損壞檢測

[71] Pony AI Inc.

小马智行

开曼群岛

大开曼岛酸橙树湾大街 23 号总督广场 4-210, 32311 邮箱

[72] DINGLI, Robert R. 丹利

DIEHL, Peter G. P. G. 迪尔

LI, Chen Yue 李辰乐

[74] 百睿知識產權有限公司

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新界沙田香港科學園

科技大道西 10 號浚湖樓 617 室

[51] G01N 1/04  
G01N 1/28

[11] 40053666  
EP3811050 A1

[13] A

[51] G01N 1/06 [11] 40053666  
G01N 1/28 EP3811050 A1  
[13] A

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[51] G01N 1/22 [11] 40053483  
G01N 35/00 EP3851828 A1  
G01N 1/26  
[13] A

[25] EN

[21] 42021042769.6 [22] 22.11.2021

[30] 27.10.2011 US,201161552264P  
13.04.2012 US,201213446572

[54] AIR SAMPLE TRACKING SYSTEM AND METHOD  
空氣取樣跟踪系統和方法

[71] Veltek Associates, INC.  
15 Lee Boulevard  
Malvern, Pennsylvania 19355-1234  
UNITED STATES OF AMERICA

[72] Calio, Rosario  
Phillips, Mark A.  
Joyce, John

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

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[51] G01N 1/26 [11] 40053483  
G01N 1/22 EP3851828 A1  
[13] A

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[51] G01N 1/28 [11] 40053666  
G01N 1/06 EP3811050 A1  
G01N 33/483  
G01N 1/04  
[13] A

[25] EN

[21] 62021040856.8 [22] 20.10.2021

[86] 21.06.2019 PCT/US2019/038581

[87] 26.12.2019 WO2019/246584

[30] 21.06.2018 US,US201862687887P  
20.03.2019 US,US201962821371P

[54] SYSTEMS AND METHODS FOR PRE-ANALYTICAL SUBSTRATE PROCESSING  
用於分析前基材處理的系統和方法

[71] Genomic Health, Inc.  
301 Penobscot Drive  
Redwood City, CA 94063  
UNITED STATES OF AMERICA

[72] YEUNG, Hubert  
YUAN, Amy Lee Hsieh  
LEE, Chun Wai  
MORALEDA, Gabriel Jesus Samuel Perlas  
CASSEL, Jonathan M.

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

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| [51] | G01N 21/00 | [11] | 40053742      |
|      | B01L 7/00  |      | CN112996601 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 21/62 | [11] | 40053742      |
|      | B01L 7/00  |      | CN112996601 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G01N 21/75 | [11] | 40053742      |
|      | B01L 7/00  |      | CN112996601 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 21/87 | [11] | 40053717     |
|      | G06T 15/00 |      | EP3821234 A1 |
|      | G01N 33/00 |      |              |
|      |            | [13] | A            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 62021042739.4 | [22] | 19.11.2021 |
|------|---------------|------|------------|

[86] 14.07.2019 PCT/IL2019/050790

[87] 23.01.2020 WO2020/016884

[30] 15.07.2018 IL,PCT/IL2018/050777

[54] SYSTEM AND METHOD FOR EVALUATING AND DETERMINING COLOR IN GEMSTONES

用於評估和判定寶石顏色的系統和方法

[71] Sarine Technologies Ltd.  
4 HaHarash Street, Building E - Neve Neeman  
POB 7182, 4524075 Hod HaSharon  
ISRAEL

[72] IOFFE, Zvi  
DANAN, Ariel  
ELDAR, Amiram

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

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|------|------------|------|---------------|
| [51] | G01N 27/12 | [11] | 40053761      |
|      | G01N 5/02  |      | CN113272637 A |
|      |            | [13] | A             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | G01N 33/00  | [11] | 40053552     |
|      | C07D 403/06 |      | EP3831825 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 33/00 | [11] | 40053717     |
|      | G01N 21/87 |      | EP3821234 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | G01N 33/24 | [11] | 40053675      |
|      | G06N 20/00 |      | CN113167780 A |
|      | G06T 7/40  |      |               |
|      |            | [13] | A             |

[25] EN

[21] 62021041680.1 [22] 03.11.2021

[86] 09.03.2020 PCT/SG2020/050117

[87] 17.09.2020 WO2020/185157

[30] 11.03.2019 SG,10201902144R

[54] APPARATUS, SYSTEM AND METHOD FOR CLASSIFICATION OF SOIL AND  
SOIL TYPES

用於土壤和土壤類型的分類的設備、系統和方法

[71] HOUSING & DEVELOPMENT BOARD

建屋發展局

480 Lorong 6 Toa Payoh

HDB HUB, Singapore 310480

SINGAPORE

National University of Singapore

新加坡國立大學

21 Lower Kent Ridge Road

Singapore 119077

SINGAPORE

[72] CHUA, Kok Eng 蔡国英  
TAN, Si En Danette 陈思恩  
CHEW, Soon Hoe 周顺和  
KOH, Juan Wei 许峻维  
AW, You Jin Eugene 欧阳友璿  
YIM, Hor Mun Audrey 严可敏

[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] | G01N 33/483 | [11] | 40053666     |
|      | G01N 1/28   |      | EP3811050 A1 |
|      |             | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 33/50 | [11] | 40053705     |
|      | G01N 33/58 |      | EP3821245 A1 |
|      |            | [13] | A            |

|      |               |      |            |
|------|---------------|------|------------|
| [25] | EN            |      |            |
| [21] | 62021042712.1 | [22] | 19.11.2021 |

[86] 12.07.2019 PCT/US2019/041651

[87] 16.01.2020 WO2020/014639

[30] 12.07.2018 IN, 201811026074

[54] FIXABLE VIABILITY DYES AND THEIR USES  
可固定生存力染料及其用途

[71] BECKMAN COULTER, INC.  
250 S. Kraemer Boulevard  
Brea, CA 92821  
UNITED STATES OF AMERICA

[72] MILOUD, Tewfik  
PATTABHIRAMAN, Shankar  
TUNG, James

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

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| [51] | G01N 33/53 | [11] | 40053688      |
|      | A61K 48/00 |      | CN112770783 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | G01N 33/53 | [11] | 40053709     |
|      | C12Q 1/48  |      | EP3867642 A1 |

[13] A

[25] EN

[21] 62021042727.9

[22] 19.11.2021

[86] 17.10.2019 PCT/US2019/056738

[87] 23.04.2020 WO2020/081815

[30] 17.10.2018 US, 62/746,957

[54] METHODS FOR SCREENING UBIQUITIN LIGASE AGONISTS

用於篩選泛素連接酶激動劑的方法

[71] University of Washington

4545 Roosevelt Way NE, Suite 400

Seattle, WA 98105

UNITED STATES OF AMERICA

[72] ZHENG, Ning

CAO, Shiyun

HINDS, Thomas, R.

LI, Heng

MAO, Haibin

[74] HONG KONG KING&amp;SUN INTELLIGENCE CONSULTANCY LIMITED

Room 1701, 17/F, Hong Kong Trade Centre

Nos. 161-167 Des Voeux Road, Central

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[51] G01N 33/533

C07D 403/06

[11] 40053552

EP3831825 A1

[13] A

[51] G01N 33/574

C12Q 1/6886

[11] 40053534

CN112852959 A

[13] A

[51] G01N 33/574

C07K 16/30

[11] 40053685

EP3814383 A1

[13] A

[51] G01N 33/574

C07K 14/435

[11] 40053736

EP3827013 A2

[13] A

[51] G01N 33/58

G01N 33/50

[11] 40053705

EP3821245 A1

[13] A



[51] G01N 35/00 [11] 40053472  
C12N 15/10 EP3848459 A1  
[13] A

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[51] G01N 35/00 [11] 40053483  
G01N 1/22 EP3851828 A1  
[13] A

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[51] G01N 35/04 [11] 40053472  
C12N 15/10 EP3848459 A1  
[13] A

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[51] G01N 5/02 [11] 40053761  
G01N 27/12 CN113272637 A  
[13] A

[25] JA

[21] 62021043058.8 [22] 25.11.2021

[86] 08.02.2019 PCT/JP2019/004746

[87] 13.08.2020 WO2020/161917

[54] ODOR SEARCH METHOD AND ODOR SEARCH SYSTEM  
氣味搜索方法及氣味搜索系統

[71] AROMA BIT, INC.

株式会社而摩比特

Sagami Building 2nd Floor, 7-13-6

Ginza, Chuo-ku, Tokyo 1040061

JAPAN

[72] KUROKI Shunichiro 黒木俊一郎

HASHIZUME Kenichi 桥诘贤一

TERADA Erika 寺田绘里加

TAKAHASHI Megumi 高桥惠

AIZAWA Shingo 相泽真悟

[74] UNI-INTEL PATENT AND TRADEMARK LAW FIRM LIMITED

12/F., San Toi Building

137-139 Connaught Road Central

HONG KONG

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[51] G01S 17/02 [11] 40053690  
G01S 7/481 CN112912755 A  
[13] A

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[51] G01S 17/32 [11] 40053684  
G01S 7/491 EP3814802 A1  
G01S 7/48  
G01S 7/481  
G01S 17/36  
[13] A

[25] EN

[21] 62021041990.4 [22] 05.11.2021

[86] 18.06.2019 PCT/US2019/037640

[87] 02.01.2020 WO2020/005641

[30] 29.06.2018 US,201862692417 P  
11.03.2019 US,201916298752  
21.05.2019 US,201962850933 P  
30.05.2019 US,201916427215

[54] PERCEPTION SYSTEMS FOR USE IN AUTONOMOUSLY CONTROLLING  
SYSTEMS  
用於自主地控制系統的感知系統

[71] PERCEPTIVE INC.  
891 Barron Avenue, 1, Redwood City  
CA 94063  
UNITED STATES OF AMERICA

[72] STOCHINO, Alberto

[74] CHAN, TANG & KWOK  
Rooms 2503-04, 25/F., Shanghai Industrial Investment Building  
48-62 Hennessy Road, Wanchai  
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[51] G01S 17/36 [11] 40053684  
G01S 17/32 EP3814802 A1  
[13] A

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[51] G01S 17/88 [11] 40053690  
G01S 7/481 CN112912755 A  
[13] A

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[51] G01S 7/48 [11] 40053684  
G01S 17/32 EP3814802 A1  
[13] A

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[51] G01S 7/481 [11] 40053684  
G01S 17/32 EP3814802 A1  
[13] A

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[51] G01S 7/481 [11] 40053690  
G01S 17/02 CN112912755 A  
G01S 17/88  
G05D 1/02  
[13] A

[25] EN

[21] 62021042097.7 [22] 08.11.2021

[86] 16.09.2019 PCT/US2019/051254

[87] 26.03.2020 WO2020/060906

[30] 17.09.2018 US,16/133,130

[54] A COVER FOR CREATING CIRCULAR AIRFLOWS INSIDE AN ENCLOSURE  
用於在外殼內產生圓形氣流的蓋

[71] PONY AI INC.  
小马智行  
开曼群岛  
大开曼岛  
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[72] HU, Zhongnan 胡中南  
CHEN, Zuoteng 陈佐滕  
DENG, Nengxiu 邓能秀  
JIN, Cheng 金程  
CHEN, Kai 陈恺  
ZHANG, Yubo 张钰勃  
YU, Xiang 于翔  
LOU, Tiancheng 楼天城  
PENG, Jun 彭军

[74] 百睿知識產權有限公司  
香港  
新界沙田香港科學園  
科技大道西 10 號浚湖樓 617 室

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[51] G01S 7/491 [11] 40053684  
G01S 17/32 EP3814802 A1  
[13] A

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[51] G01T 1/164 [11] 40053702  
C07K 14/68 EP3820886 A1  
[13] A

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[51] G02B 1/04 [11] 40053446  
C08K 3/013 CN113462019 A

[13] A

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[51] G02B 21/36 [11] 40053445  
CN112925091 A  
[13] A

[25] ZH

[21] 42021042527.8 [22] 16.11.2021

[30] 06.12.2019 US, 62/944, 687

[54] APPARATUS AND METHOD OF ESTIMATING VALUES FROM IMAGES  
從圖像中估計值的裝置和方法

[71] Illumina, Inc.  
伊魯米那股份有限公司  
5200 Illumina Way  
San Diego California 92122  
UNITED STATES OF AMERICA

[72] Robert Langlois 罗伯特·朗格卢瓦  
Bo Lu 陆博  
Hongji Ren 任洪吉  
Joseph Pinto 约瑟夫·平托  
Simon Prince 西蒙·普林斯  
Austin Corbett 奥斯汀·科比特

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

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[51] G02B 21/36 [11] 40053450  
CN112925090 A  
[13] A

[25] ZH

[21] 42021042533.6 [22] 16.11.2021

[30] 06.12.2019 US, 62/944, 692

[54] APPARATUS AND METHOD OF PROVIDING PARAMETER ESTIMATION  
提供參數估計的裝置和方法

[71] Illumina, Inc.  
伊魯米那股份有限公司  
5200 Illumina Way  
San Diego California 92122  
UNITED STATES OF AMERICA

[72] Austin Corbett 奥斯汀·科比特  
Bo Lu 陆博  
Robert Langlois 罗伯特·朗格卢瓦  
Joseph Pinto 约瑟夫·平托  
Yu Chen 陈宇

Peter Newman 彼得·紐曼

Hongji Ren 任洪吉

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

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[51] G02B 26/08 [11] 40053462  
CN112817146 A  
[13] A

[25] ZH

[21] 42021042561.7 [22] 16.11.2021

[30] 14.02.2020 US, 62/976,814  
14.12.2020 US, 17/120,749

[54] VARIABLE MESH LOW MASS MEMS MIRRORS  
可變網格低質量 MEMS 反射鏡

[71] Google LLC  
1600 Amphitheatre Parkway  
Mountain View, CA 94043  
UNITED STATES OF AMERICA

[72] Kevin YASUMURA

[74] CHINA SINDA INTELLECTUAL PROPERTY LIMITED  
Suite 3301, One Exchange Square, Central  
HONG KONG

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[51] G02C 7/04 [11] 40053446  
C08K 3/013 CN113462019 A  
[13] A

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[51] G04B 19/16 [11] 40053457  
CN112925186 A  
[13] A

[25] ZH

[21] 42021042546.8 [22] 16.11.2021

[30] 05.12.2019 EP, 19213804.8

[54] TIMEPIECE DISPLAY MECHANISM WITH AN INSTANTANEOUS JUMP  
FUNCTION  
具有瞬跳功能的鐘錶顯示機構

[71] BLANCPAIN SA  
LE ROCHER 12  
1348 LE BRASSUS  
SWITZERLAND

[72] MONFERRER Bernat  
JOLY Lilian

[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] | G04B 19/253                                                                                                 | [11] | 40053538      |
|      |                                                                                                             |      | CN112859568 A |
|      |                                                                                                             | [13] | A             |
| [25] | ZH                                                                                                          |      |               |
| [21] | 42021043138.3                                                                                               | [22] | 26.11.2021    |
| [30] | 27.11.2019 EP,19211701.8                                                                                    |      |               |
| [54] | TIMEPIECE MOBILE FOR A SEMI-INSTANTANEOUS JUMP MECHANISM<br>用於半瞬時跳動機構的時計輪副                                  |      |               |
| [71] | ETA SA MANUFACTURE HORLOGÈRE SUISSE<br>SCHILD-RUST-STRASSE 17<br>CH-2540 GRENCHEN<br>SWITZERLAND            |      |               |
| [72] | JULIEN SAGLINI                                                                                              |      |               |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED<br>22/F, Great Eagle Centre, 23 Harbour Road<br>Wanchai<br>HONG KONG |      |               |

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| [51] | G04B 27/00 | [11] | 40053548      |
|      | G04B 3/04  |      | CN112882371 A |
|      |            | [13] | A             |

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| [51] | G04B 27/02 | [11] | 40053548      |
|      | G04B 3/04  |      | CN112882371 A |
|      |            | [13] | A             |

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|      | G04B 3/04  |      | CN112882371 A |
|      |            | [13] | A             |

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| [25] | ZH            |      |               |
| [21] | 42021043233.2 | [22] | 29.11.2021    |

[30] 29.11.2019 EP,19212451.9  
[54] CROWN/PUSHER FOR TIMEPIECES  
用於時計的錶冠/推動件  
[71] MECO SA  
SCHÜTZENGASSE 30  
CH-2540 GRENCHE  
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[72] HERVÉ AVRIL  
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G04G 21/00 CN112947037 A  
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[51] G04B 3/04 [11] 40053621  
G04C 3/00 CN112947024 A  
G04G 21/00  
G04R 60/06  
G04R 60/10  
[13] A

[25] ZH  
[21] 42021043814.9 [22] 07.12.2021  
[30] 10.12.2019 EP,19214810.4  
[54] WATCH PROVIDED WITH A CONTROL MEMBER  
具有控制部件的錶  
[71] THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.  
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[25] FR  
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[86] 04.11.2019 PCT/IB2019/059428  
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[30] 02.11.2018 CH,CH01345/18  
[54] OSCILLATING WEIGHT WITH VARIABLE GEOMETRY FOR A TIMEPIECE  
MECHANISM  
用於時計機構的具有可變幾何形狀的擺動錘  
[71] GUENAT SA MONTRES VALGINE  
RUE DU JURA 11  
2345 LES BREULEUX  
SWITZERLAND  
[72] CRETTEX, FRÉDÉRIC  
DE OLIVEIRA, PEDRO  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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G04G 21/00 CN112947037 A  
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[51] G04G 21/00 [11] 40053620  
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[13] A

[25] ZH

[21] 42021043812.3 [22] 07.12.2021

[30] 10.12.2019 EP,19214813.8

[54] WATCH PROVIDED WITH A CONTROL MEMBER  
設置有控制部件的錶

[71] THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.  
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| [51] | G04G 21/00 | [11] | 40053621      |
|      | G04B 3/04  |      | CN112947024 A |
|      |            | [13] | A             |

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| [51] | G04R 60/06 | [11] | 40053620      |
|      | G04G 21/00 |      | CN112947037 A |
|      |            | [13] | A             |

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| [51] | G04R 60/06 | [11] | 40053621      |
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|      |            | [13] | A             |

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| [51] | G05D 1/02  | [11] | 40053690      |
|      | G01S 7/481 |      | CN112912755 A |
|      |            | [13] | A             |

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| [51] | G05D 7/00  | [11] | 40053554      |
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[54] METHOD FOR FAULT HANDLING, COMPUTER SYSTEM, BASEBOARD  
MANAGEMENT CONTROLLER AND SYSTEM  
故障處理的方法、計算機系統、基板管理控制器和系統

[71] 華為技術有限公司  
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| [51] | G06F 11/36 | [11] | 40053550      |
|      | G06F 8/20  |      | CN113360139 A |
|      |            | [13] | A             |

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| [51] | G06F 111/02 | [11] | 40053592      |
|      | G06F 30/18  |      | CN113569369 A |
|      |             | [13] | A             |

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|      | G06F 30/20  |      | CN113569406 A |
|      |             | [13] | A             |

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| [51] | G06F 15/173 | [11] | 40053729      |
|      | G06F 9/50   |      | CN112889032 A |
|      |             | [13] | A             |

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| [51] | G06F 15/78 | [11] | 40053672     |
|      | H03K       |      | EP3824554 A1 |
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|      |            | [13] | A            |

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G06F 21/64 CN113609222 A  
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G06Q 40/04

[13] A

[25] ZH

[21] 42021043954.3 [22] 08.12.2021

[54] CERTIFICATE PROCESSING METHOD OF BLOCKCHAIN NETWORK, DEVICE,  
ELECTRONIC EQUIPMENT AND STORAGE MEDIUM  
區塊鏈網絡的證書處理方法、裝置、電子設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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G06Q 20/38 CN113568981 A

[13] A

[25] ZH

[21] 42021044191.1 [22] 09.12.2021

[54] TRANSACTION DATA PROCESSING METHOD AND APPARATUS, DEVICE AND  
MEDIUM

一種交易數據處理方法、裝置、設備以及介質

[71] Tencent Technology (Shenzhen) Company Limited

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|      |            | [13] | A             |

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|      | G06F 16/33 |      | CN113505204 A |
|      |            | [13] | A             |

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| [51] | G06F 16/33  | [11] | 40053417      |
|      | G06F 40/211 |      | CN113407663 A |
|      | G06F 40/186 |      |               |
|      | G06N 3/04   |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021041839.8 [22] 04.11.2021

[54] ARTIFICIAL INTELLIGENCE-BASED GRAPH-TEXT CONTENT QUALITY  
IDENTIFICATION METHOD AND APPARATUS  
基於人工智能的圖文內容質量識別方法和裝置

[71] Tencent Technology (Shenzhen) Company Limited  
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G06F 40/216  
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G06Q 50/00  
[13] A

[25] ZH

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[54] EXPRESSION REPLY METHOD AND DEVICE, EQUIPMENT AND STORAGE MEDIUM  
表情回覆方法、裝置、設備及存儲介質

[71] 平安科技(深圳)有限公司  
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G06F 40/253  
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G06N 3/04  
G06N 3/08  
G06N 20/00  
[13] A

[25] ZH

[21] 42021043588.9 [22] 03.12.2021

[54] METHOD AND APPARATUS FOR SEQUENCE SEGMENTATION AND COMPUTER READABLE STORAGE MEDIUM  
一種序列切分方法、設備及計算機可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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|      |            | [13] | A             |

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|      | G06N 20/00 |      |               |
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|      |            | [13] | A             |

[25] ZH

[21] 42021043623.4 [22] 03.12.2021

[54] RECALL MODEL TRAINING METHOD, SEARCH RECALL METHOD, APPARATUS  
AND COMPUTER DEVICE  
召回模型訓練方法、搜索召回方法、裝置和計算機設備

[71] Tencent Technology (Shenzhen) Company Limited  
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| [51] | G06F 16/33  | [11] | 40053598      |
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|      | G06F 40/289 |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021043633.3 [22] 03.12.2021

[54] METHOD AND DEVICE FOR PROCESSING TEXT, COMPUTER APPARATUS AND  
COMPUTER READABLE STORAGE MEDIUM

文本處理方法、裝置、計算機設備及計算機可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[13] A

[25] ZH

[21] 42021043642.4 [22] 03.12.2021

[54] METHOD AND APPARATUS FOR GENERATING QUESTION AND ANSWER  
PAIRS, DEVICE AND STORAGE MEDIUM

問答對生成方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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G06F 40/30 CN113569037 A

[13] A

[25] ZH

[21] 42021043641.6

[22] 03.12.2021

[54] MESSAGE PROCESSING METHOD AND APPARATUS, AND READABLE STORAGE MEDIUM

一種消息處理方法、裝置以及可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[51] G06F 16/35

G06F 16/33

[11] 40053567

CN113094478 A

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[51] G06F 16/35

G06F 16/33

[11] 40053589

CN113505204 A

[13] A

[51] G06F 16/35

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CN113569001 A

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[51] G06F 16/45

[11] 40053416

CN113392236 A

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[25] ZH

[21] 42021041837.2

[22] 04.11.2021



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

一種數據分類方法、計算機設備及可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[51] G06F 16/583 [11] 40053647  
G06K 9/00 CN113505260 A  
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[13] A

[25] ZH

[21] 42021044186.1

[22] 09.12.2021

[54] METHOD AND APPARATUS FOR RECOGNIZING HUMAN FACES, COMPUTER READABLE MEDIUM AND ELECTRONIC DEVICE  
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| [51] | G06F 16/901  | [11] | 40053648      |
|      | G06F 16/9535 |      | CN113553514 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/906  | [11] | 40053635      |
|      | G06F 16/9535 |      | CN113641916 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/951  | [11] | 40053539      |
|      | G06F 16/9535 |      | CN113407843 A |
|      |              | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06F 16/9535 | [11] | 40053539      |
|      | G06F 16/951  |      | CN113407843 A |
|      | G06F 16/45   |      |               |
|      | G06K 9/62    |      |               |
|      | G06N 3/04    |      |               |
|      | G06N 3/08    |      |               |
|      | G06K 9/20    |      |               |
|      |              | [13] | A             |

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[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021043140.9 | [22] | 26.11.2021 |
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[54] USER PORTRAIT GENERATION METHOD, DEVICE, ELECTRONIC EQUIPMENT  
AND COMPUTER STORAGE MEDIUM  
用戶畫像生成方法、裝置、電子設備及計算機存儲介質

[71] 深圳壹賬通智能科技有限公司  
中國  
廣東省深圳市前海深港合作區  
前灣一路 1 號 A 棟 201 室, 518000

[72] 牛姣姣  
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劉勁柏  
劉中原

[74] 百睿知識產權有限公司  
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科技大道西 10 號浚湖樓 617 室

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| [51] | G06F 16/9535                                                                 | [11] | 40053542      |
|      |                                                                              |      | CN113569125 A |
|      |                                                                              | [13] | A             |
| [25] | ZH                                                                           |      |               |
| [21] | 42021043159.9                                                                | [22] | 26.11.2021    |
| [54] | INFORMATION PROCESSING METHOD, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM |      |               |
|      | 信息處理方法、裝置、計算機設備和存儲介質                                                         |      |               |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED                                |      |               |
|      | 騰訊科技(深圳)有限公司                                                                 |      |               |
|      | 中國                                                                           |      |               |
|      | 廣東省深圳市南山區高新區科技中一路                                                            |      |               |
|      | 騰訊大廈 35 層                                                                    |      |               |
| [72] | 巫曉杰                                                                          |      |               |
|      | 周夢                                                                           |      |               |
| [74] | 香港派特恩知識產權代理有限公司                                                              |      |               |
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|      | 上環永樂街 121-125 號                                                              |      |               |
|      | 永達商業大廈 10 樓 C 室                                                              |      |               |

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| [51] | G06F 16/9535                                                                                | [11] | 40053551      |
|      | G06N 3/08                                                                                   |      | CN113515703 A |
|      |                                                                                             | [13] | A             |
| [25] | ZH                                                                                          |      |               |
| [21] | 42021043237.3                                                                               | [22] | 29.11.2021    |
| [54] | INFORMATION RECOMMENDATION METHOD, DEVICE, ELECTRONIC EQUIPMENT AND READABLE STORAGE MEDIUM |      |               |
|      | 信息推薦方法、裝置、電子設備及可讀存儲介質                                                                       |      |               |
| [71] | 深圳壹賬通智能科技有限公司                                                                               |      |               |
|      | 中國                                                                                          |      |               |
|      | 廣東省深圳市前海深港合作區                                                                               |      |               |
|      | 前灣一路 1 號 A 棟 201 室, 518000                                                                  |      |               |
| [72] | 牛姣姣                                                                                         |      |               |
|      | 劉中原                                                                                         |      |               |
|      | 郭鵬程                                                                                         |      |               |
|      | 劉勁柏                                                                                         |      |               |
| [74] | 百睿知識產權有限公司                                                                                  |      |               |
|      | 香港                                                                                          |      |               |
|      | 新界沙田香港科學園                                                                                   |      |               |
|      | 科技大道西 10 號浚湖樓 617 室                                                                         |      |               |

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[51] G06F 16/9535 [11] 40053586  
G06N 3/08 CN113569130 A  
G06N 3/04  
[13] A

[25] ZH

[21] 42021043620.0 [22] 03.12.2021

[54] METHOD AND DEVICE FOR CONTENT RECOMMENDATION, APPARATUS AND  
READABLE STORAGE MEDIUM  
內容推薦方法、裝置、設備及可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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Nanshan District, Shenzhen, Guangdong, 518057  
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[72] DU, YING 杜穎

[74] 集佳知識產權有限公司  
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[51] G06F 16/9535 [11] 40053635  
G06F 16/9537 CN113641916 A  
G06F 16/9538  
G06F 16/906  
[13] A

[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

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[51] G06F 16/9535 [11] 40053646  
G06Q 30/06 CN113515690 A  
G06N 20/00  
[13] A

[25] ZH

[21] 42021044131.7 [22] 09.12.2021

[54] METHOD FOR TRAINING CONTENT RECALL MODEL, CONTENT RECALL  
METHOD AND APPARATUS, AND DEVICE  
內容召回模型的訓練方法、內容召回方法、裝置及設備

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
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[72] ZHAO,ZHONG 趙忠  
FU,YANMEI 傅妍玫  
JIANG,HONGWEI 蔣宏偉

[74] 集佳知識產權有限公司  
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[51] G06F 16/9535 [11] 40053648  
G06F 16/901 CN113553514 A  
G06K 9/62  
G06N 3/04  
G06N 3/08  
[13] A

[25] ZH

[21] 42021044187.9 [22] 09.12.2021

[54] METHOD AND APPARATUS FOR RECOMMENDING OBJECT BASED ON  
ARTIFICIAL INTELLIGENCE, AND ELECTRONIC DEVICE  
基於人工智能的對象推薦方法、裝置及電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
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[72] SHI, ZHILIN 石志林

[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] | G06F 16/9537 | [11] | 40053635      |
|      | G06F 16/9535 |      | CN113641916 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06F 16/9538 | [11] | 40053635      |
|      | G06F 16/9535 |      | CN113641916 A |
|      |              | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/955 | [11] | 40053641      |
|      | G06F 21/62  |      | CN113642040 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 16/957 | [11] | 40053591      |
|      | G06T 7/90   |      | CN113538601 A |
|      |             | [13] | A             |

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| [51] | G06F 21/30 | [11] | 40053582      |
|      | G06F 30/20 |      | CN113569406 A |
|      |            | [13] | A             |

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| [51] | G06F 21/32 | [11] | 40053456      |
|      |            |      | CN112926040 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021042545.0 [22] 16.11.2021

[30] 06.12.2019 EP, 19214102.6

[54] METHOD FOR SECURING ACCESS TO A WATCH  
用於保護對手錶的訪問的方法

[71] TISSOT S.A.  
CHEMIN DES TOURELLES 17  
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SWITZERLAND

[72] FRANZI Edoardo

[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 21/60 [11] 40053655  
G06T 9/00 CN113516723 A  
[13] A

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[51] G06F 21/62 [11] 40053641  
G06F 21/64 CN113642040 A  
G06F 16/955  
[13] A

[25] ZH

[21] 42021043960.0 [22] 08.12.2021

[54] AUDIT ITEM STORAGE METHOD, DEVICE AND SYSTEM  
審計項存儲方法、裝置以及系統

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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[72] 汪東艷  
李波  
屠海濤  
李茂材

[74] 香港派特恩知識產權代理有限公司  
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永達商業大廈 10 樓 C 室

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[51] G06F 21/62 [11] 40053647  
G06F 16/583 CN113505260 A  
[13] A

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| [51] | G06F 21/62 | [11] | 40053651      |
|      | G06Q 40/04 |      | CN113570466 A |
|      |            | [13] | A             |

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| [51] | G06F 21/62 | [11] | 40053730      |
|      | G06Q 10/10 |      | CN113557541 A |
|      |            | [13] | A             |

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| [51] | G06F 21/64 | [11] | 40053636      |
|      | G06F 16/27 |      | CN113609222 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06F 21/64 | [11] | 40053641      |
|      | G06F 21/62 |      | CN113642040 A |
|      |            | [13] | A             |

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| [51] | G06F 21/64 | [11] | 40053651      |
|      | G06Q 40/04 |      | CN113570466 A |
|      |            | [13] | A             |

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| [51] | G06F 21/64 | [11] | 40053735      |
|      | G06Q 30/06 |      | CN113196327 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06F 3/01   | [11] | 40053441      |
|      | G06F 3/0481 |      | CN113467614 A |
|      | G06F 3/0482 |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021042510.4 [22] 15.11.2021

[54] DISPLAY INTERFACE SELECTION METHOD AND DEVICE  
顯示界面選擇方法及裝置[71] Beijing SenseTime Technology Development Co., Ltd.  
北京市商汤科技开发有限公司  
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北京市海淀区北四环西路 58 号  
11 层 1101-1117 室

[72] KONG, Xianghui 孔祥晖

[74] 香港派特恩知识产权代理有限公司  
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| [51] | G06F 3/01<br>G06F 3/14                                                                                | [11] | 40053497<br>CN113467619 A |
|      |                                                                                                       | [13] | A                         |
| [25] | ZH                                                                                                    |      |                           |
| [21] | 42021043044.3                                                                                         | [22] | 25.11.2021                |
| [54] | SCREEN DISPLAY METHOD, DEVICE, STORAGE MEDIUM AND ELECTRONIC EQUIPMENT<br>畫面顯示方法、裝置和存儲介質及電子設備         |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 林明田<br>周偉彪                                                                                            |      |                           |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                           |      |                           |

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| [51] | G06F 3/02                                                                                                          | [11] | 40053496<br>CN113552952 A |
|      |                                                                                                                    | [13] | A                         |
| [25] | ZH                                                                                                                 |      |                           |
| [21] | 42021043043.5                                                                                                      | [22] | 25.11.2021                |
| [54] | CONTROL PANEL, CONTROL METHOD THEREOF, AND ELECTRONIC EQUIPMENT INCLUDING THE CONTROL PANEL<br>操控面板及其控制方法和包括其的電子設備 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 賀志軍<br>楊宇<br>閔龍閣                                                                                                   |      |                           |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                                        |      |                           |

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|------|-------------|------|---------------|
| [51] | G06F 3/0481 | [11] | 40053441      |
|      | G06F 3/01   |      | CN113467614 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 3/0481 | [11] | 40053617      |
|      | G06F 3/0484 |      | CN113485619 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 3/0482 | [11] | 40053441      |
|      | G06F 3/01   |      | CN113467614 A |
|      |             | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06F 3/0484 | [11] | 40053501      |
|      | G06F 3/0488 |      | CN113568555 A |
|      |             | [13] | A             |

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|      |             |      |               |
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| [51] | G06F 3/0484 | [11] | 40053617      |
|      | G06F 3/0481 |      | CN113485619 A |
|      |             | [13] | A             |

[25] ZH

[21] 42021043654.9 [22] 03.12.2021

[54] METHOD AND APPARATUS FOR PROCESSING INFORMATION COLLECTION  
TABLE, ELECTRONIC DEVICE AND STORAGE MEDIUM  
信息收集表的處理方法、裝置、電子設備及存儲介質[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
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DUAN,GUANGLONG 段广龙  
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|------|--------------|------|---------------|
| [51] | G06F 3/0486  | [11] | 40053524      |
|      | A63F 13/2145 |      | CN113559494 A |
|      |              | [13] | A             |

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|------|-----------------------------------------------------------------------|------|---------------|
| [51] | G06F 3/0488                                                           | [11] | 40053501      |
|      | G06F 3/0484                                                           |      | CN113568555 A |
|      |                                                                       | [13] | A             |
| [25] | ZH                                                                    |      |               |
| [21] | 42021043048.4                                                         | [22] | 25.11.2021    |
| [54] | DATA PROCESSING METHOD, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM |      |               |
|      | 一種數據處理方法、裝置、計算機設備及存儲介質                                                |      |               |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED                         |      |               |
|      | 騰訊科技(深圳)有限公司                                                          |      |               |
|      | 中國                                                                    |      |               |
|      | 廣東省深圳市南山區高新區科技中一路                                                     |      |               |
|      | 騰訊大廈 35 層                                                             |      |               |
| [72] | 李晨彪                                                                   |      |               |
| [74] | 香港派特恩知識產權代理有限公司                                                       |      |               |
|      | 香港                                                                    |      |               |
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|      | 永達商業大廈 10 樓 C 室                                                       |      |               |

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|------|-----------|------|---------------|
| [51] | G06F 3/14 | [11] | 40053497      |
|      | G06F 3/01 |      | CN113467619 A |
|      |           | [13] | A             |

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|------|----------------------------------------------------------------------------------------|------|---------------|
| [51] | G06F 30/15                                                                             | [11] | 40053581      |
|      | G06F 30/20                                                                             |      | CN113505446 A |
|      | G08G 1/01                                                                              |      |               |
|      | G08G 1/08                                                                              |      |               |
|      |                                                                                        | [13] | A             |
| [25] | ZH                                                                                     |      |               |
| [21] | 42021043615.0                                                                          | [22] | 03.12.2021    |
| [54] | TRAFFIC SIMULATION METHOD AND APPARATUS, ELECTRONIC DEVICE AND COMPUTER STORAGE MEDIUM |      |               |
|      | 交通仿真方法、裝置、電子設備及計算機存儲介質                                                                 |      |               |
| [71] | Tencent Technology (Shenzhen) Company Limited                                          |      |               |
|      | 騰訊科技(深圳)有限公司                                                                           |      |               |

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[25] ZH

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[54] METHOD AND APPARATUS FOR DIVIDING ROAD NETWORK TOPOLOGICAL  
GRAPH, MEDIUM AND DEVICE  
路網拓撲圖的劃分方法、裝置、介質及設備

[71] Tencent Technology (Shenzhen) Company Limited

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[72] ZHANG, LONG 张龙

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- [54] METHOD FOR TESTING AUTOMATIC DRIVING-BASED DATA, DEVICE AND  
READABLE STORAGE MEDIUM  
基於自動駕駛的數據測試方法、設備及可讀存儲介質
- [71] Tencent Technology (Shenzhen) Company Limited  
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- [25] ZH  
[21] 42021042785.2 [22] 22.11.2021
- [54] A METHOD FOR DETECTING ANOMALIES IN STATION DOORS BASED ON  
MECHANISM ANALYSIS AND A APPARATUS THEREOF  
一種基於機理分析的站台門異常檢測方法及裝置
- [71] 广州新科佳都科技有限公司  
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[21] 42021043653.1

[22] 03.12.2021

[54] TEXT PROCESSING METHOD AND RELATED APPARATUS

一種文本處理方法和相關裝置

[71] Tencent Technology (Shenzhen) Company Limited

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| [51] | G06F 40/183 | [11] | 40053549      |
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[54] ARTIFICIAL INTELLIGENCE-BASED TITLE GENERATION METHOD AND  
APPARATUS, AND SERVER

基於人工智能的標題生成方法、裝置及服務器

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[25] ZH

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[54] NEGATIVE FEEDBACK INFORMATION ACQUISITION METHOD AND DEVICE,  
EQUIPMENT AND STORAGE MEDIUM  
負反饋信息採集方法、裝置、設備及存儲介質

[71] 平安科技(深圳)有限公司  
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[25] ZH  
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[54] METHOD AND DEVICE FOR ENTITY IDENTIFICATION, APPARATUS AND STORAGE MEDIUM  
一種實體識別方法、裝置、設備以及存儲介質  
[71] Tencent Technology (Shenzhen) Company Limited  
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[54] TRANSLATION MODEL TRAINING METHOD, DEVICE AND MEDIUM  
翻譯模型訓練方法、裝置及介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[54] FRONT-END FRAMEWORK INTEGRATION METHOD, DEVICE, ELECTRONIC  
EQUIPMENT AND STORAGE MEDIUM  
前端框架的集成方法、裝置、電子設備及存儲介質

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[54] APPLICATION PACKAGE PROCESSING METHOD AND APPARATUS, COMPUTER  
DEVICE AND STORAGE MEDIUM

應用包的處理方法、裝置、計算機設備和存儲介質

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[51] G06F 8/34 [11] 40053549  
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[54] REPORT GENERATION METHOD, DEVICE, ELECTRONIC EQUIPMENT AND  
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報表生成方法、裝置、電子設備及存儲介質

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[54] GAME UPDATE MEHTOD AND SYSTEM, SERVER, ELECTRONIC DEVICE AND  
STORAGE MEDIUM

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- [54] SERVICE DATA PROCESSING METHOD AND APPARATUS  
一種業務數據處理方法及裝置
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[54] A DATA VERIFICATION METHOD, SYSTEM, EQUIPMENT AND STORAGE MEDIUM

一種數據核對方法、系統、設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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| [51] | G06F 9/50   | [11] | 40053729      |
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[54] RECONFIGURABLE COMPUTING PODS USING OPTICAL NETWORKS

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[21] 42021043141.7 [22] 26.11.2021

[54] REPORT RECOGNITION METHOD, DEVICE, ELECTRONIC EQUIPMENT AND  
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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G06K 9/00<br>G06K 9/62<br>G06T 5/30                                                                                                                                                                                                                | [11] | 40053584<br>CN113516105 A |
|      |                                                                                                                                                                                                                                                    | [13] | A                         |
| [25] | ZH                                                                                                                                                                                                                                                 |      |                           |
| [21] | 42021043618.4                                                                                                                                                                                                                                      | [22] | 03.12.2021                |
| [54] | LANE DETECTION METHOD AND DEVICE, AND COMPUTER READABLE STORAGE MEDIUM<br>一種車道檢測方法、裝置及計算機可讀存儲介質                                                                                                                                                    |      |                           |
| [71] | 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>518057 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] | MA, CONG 马聪                                                                                                                                                                                                                                        |      |                           |
| [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] | G06K 9/00<br>G06K 9/62 | [11] | 40053597<br>CN113505866 A |
|      |                        | [13] | A                         |

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| [51] | G06K 9/00<br>G06K 9/62                                                                               | [11] | 40053600<br>CN113515994 A |
|      |                                                                                                      | [13] | A                         |
| [25] | ZH                                                                                                   |      |                           |
| [21] | 42021043636.6                                                                                        | [22] | 03.12.2021                |
| [54] | METHOD AND DEVICE FOR VIDEO FEATURE EXTRACTION, APPARATUS AND STORAGE MEDIUM<br>視頻特徵提取方法、裝置、設備以及存儲介質 |      |                           |
| [71] | Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司                                        |      |                           |

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[72] CEN,JIEPENG 岑杰鹏  
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YANG,WEIDONG 杨伟东  
WANG,HENG 王珩  
YE,ZHENXU 叶振旭  
CAO,SHENGMING 曹圣明  
CAI,JUNXIAN 蔡俊贤  
CHE,XIANG 车翔  
CHEN,YU 陈宇

[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] | G06K 9/00  | [11] | 40053618      |
|      | G06T 15/00 |      | CN113554737 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06K 9/00 | [11] | 40053643      |
|      | G06N 3/04 |      | CN113569824 A |
|      |           | [13] | A             |

[25] ZH

[21] 42021044127.5 [22] 09.12.2021

[54] MODEL PROCESSING METHOD, RELATED DEVICE, STORAGE MEDIUM AND  
COMPUTER PROGRAM PRODUCT  
模型處理方法、相關設備、存儲介質及計算機程序產品

[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
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[72] ZHANG, YUJIA 张育嘉  
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XU, XUYUAN 徐敘遠  
[74] 集佳知識產權有限公司  
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[51] G06K 9/00 [11] 40053647  
G06F 16/583 CN113505260 A  
[13] A

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[51] G06K 9/00 [11] 40053649  
CN113505652 A  
[13] A

[25] ZH

[21] 42021044188.7 [22] 09.12.2021

[54] LIVING BODY DETECTION METHOD AND APPARATUS, ELECTRONIC DEVICE  
AND STORAGE MEDIUM

活體檢測方法、裝置、電子設備和存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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[72] MENG, JIA 孟嘉  
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ZHANG, JIAN 章健  
BI, MINGWEI 毕明伟  
DENG, XINZHE 邓新哲  
DING, SHOUHONG 丁守鸿  
LI, JILIN 李季標

[74] 集佳知識產權有限公司  
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[51] G06K 9/00 [11] 40053650  
G06K 9/34 CN113569822 A  
G06N 3/04  
[13] A

[25] ZH

[21] 42021044189.5 [22] 09.12.2021

[54] IMAGE SEGMENTATION METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM  
圖像分割方法、裝置、計算機設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District, Shenzhen, Guangdong, 518057  
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518057 广东省深圳市南山区高新区科技中一路  
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[72] LIU, LUYAN 柳露艳  
MA, KAI 马锴  
ZHENG YEFENG 郑冶枫

[74] 集佳知識產權有限公司  
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[51] G06K 9/00 [11] 40053660  
CN110892412 A  
[13] A

[25] JA

[21] 62020005646.8 [22] 10.04.2020

[86] 14.06.2019 PCT/JP2019/023674

[87] 19.11.2020 WO2020/230340

[30] 13.05.2019 JP, 2019-090719

[54] FACE RECOGNITION SYSTEM, FACE RECOGNITION METHOD, AND FACE RECOGNITION PROGRAM  
臉部辨識系統、臉部辨識方法及臉部辨識程序

[71] Micronet Co. Ltd.  
微网股份有限公司  
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北海道札幌市中央区  
南四条西 7 丁目 6 番

[72] ITO Kazuhiko 伊藤和彦  
SATO Makoto 佐藤诚

[74] 環球知識產權代理有限公司  
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永安廣場 11 樓 1112 室

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[51] G06K 9/00 [11] 40053751  
G06K 9/46 CN113574534 A  
G06K 9/62  
G06N 3/04  
G06N 3/08  
G06T 7/00  
G16H 30/40

[13] A

[25] EN

[21] 62021042947.3 [22] 24.11.2021

[86] 26.03.2020 PCT/EP2020/058570

[87] 01.10.2020 WO2020/193708

[30] 28.03.2019 EP,19165965.5

[54] MACHINE LEARNING USING DISTANCE-BASED SIMILARITY LABELS  
使用基於距離的相似性標籤的機器學習

[71] F. Hoffmann-La Roche AG  
豪夫邁·羅氏有限公司  
Grenzacherstrasse 124, CH-4070 Basel  
SWITZERLAND

[72] KLAIMAN, Eldad E·克萊曼  
GILDENBLAT, Jacob J·吉爾登布拉特

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

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[51] G06K 9/20 [11] 40053512  
G06K 9/32 CN113496225 A  
G06K 9/34  
G06K 9/46  
G06K 9/62  
G06N 3/04  
G06N 3/08

[13] A

[25] ZH

[21] 42021043091.4 [22] 25.11.2021

[54] IMAGE PROCESSING METHOD, DEVICE, COMPUTER EQUIPMENT AND  
STORAGE MEDIUM  
圖像處理方法、裝置、計算機設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
騰訊科技(深圳)有限公司  
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廣東省深圳市南山區高新區科技中一路  
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[72] 任旭華  
孫子荀

[74] 香港派特恩知識產權代理有限公司  
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永達商業大廈 10 樓 C 室

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|------|--------------|------|---------------|
| [51] | G06K 9/20    | [11] | 40053539      |
|      | G06F 16/9535 |      | CN113407843 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06K 9/32 | [11] | 40053512      |
|      | G06K 9/20 |      | CN113496225 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/34 | [11] | 40053512      |
|      | G06K 9/20 |      | CN113496225 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/34 | [11] | 40053650      |
|      | G06K 9/00 |      | CN113569822 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/38 | [11] | 40053540      |
|      | G06K 9/00 |      | CN113420684 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/46 | [11] | 40053512      |
|      | G06K 9/20 |      | CN113496225 A |
|      |           | [13] | A             |

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| [51] | G06K 9/46 | [11] | 40053540      |
|      | G06K 9/00 |      | CN113420684 A |

[13] A

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|------|-----------|------|---------------|
| [51] | G06K 9/46 | [11] | 40053593      |
|      | G06K 9/62 |      | CN113486914 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/46 | [11] | 40053597      |
|      | G06K 9/62 |      | CN113505866 A |
|      |           | [13] | A             |

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| [51] | G06K 9/46 | [11] | 40053751      |
|      | G06K 9/00 |      | CN113574534 A |
|      |           | [13] | A             |

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| [51] | G06K 9/62  | [11] | 40053486      |
|      | G06F 30/27 |      | CN113591377 A |
|      |            | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/62 | [11] | 40053512      |
|      | G06K 9/20 |      | CN113496225 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/62 | [11] | 40053518      |
|      | G06N 3/04 |      | CN113052262 A |
|      | G06N 3/08 |      |               |
|      |           | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021043099.7 | [22] | 25.11.2021 |
|------|---------------|------|------------|

[54] FORM GENERATION METHOD AND DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM  
表單生成方法、裝置、計算機設備及存儲介質

[71] ONE CONNECT SMART TECHNOLOGY CO., LTD. (SHENZHEN)  
深圳壹賬通智能科技有限公司  
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廣東省深圳市前海深港合作區  
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[74] 香港知識產權代理有限公司  
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| [51] | G06K 9/62    | [11] | 40053539      |
|      | G06F 16/9535 |      | CN113407843 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06K 9/62 | [11] | 40053540      |
|      | G06K 9/00 |      | CN113420684 A |
|      |           | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06K 9/62   | [11] | 40053568      |
|      | G06F 40/289 |      | CN112949305 A |
|      |             | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06K 9/62 | [11] | 40053580      |
|      | G06N 3/04 |      | CN113569890 A |
|      |           | [13] | A             |

[25] ZH

[21] 42021043614.3 [22] 03.12.2021

[54] METHOD FOR PROCESSING DATA AND RELATED DEVICE  
一種數據處理方法及相關裝置

[71] Tencent Technology (Shenzhen) Company Limited  
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RONG, YU 荣钰  
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[51] G06K 9/62 [11] 40053584  
G06K 9/00 CN113516105 A  
[13] A

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[51] G06K 9/62 [11] 40053593  
G06K 9/46 CN113486914 A  
G06N 3/08  
G06N 3/04  
[13] A

[25] ZH

[21] 42021043628.3 [22] 03.12.2021

[54] METHOD AND DEVICE FOR TRAINING NEURAL NETWORK OF IMAGE  
FEATURE EXTRACTION AND STORAGE MEDIUM  
圖像特徵提取的神經網絡訓練的方法、裝置和存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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Nanshan District,Shenzhen,Guangdong,518057  
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HU,FENG 胡风

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[51] G06K 9/62 [11] 40053597  
G06K 9/46 CN113505866 A  
G06K 9/00  
G06N 3/08  
G06N 3/04  
[13] A

[25] ZH

[21] 42021043632.5 [22] 03.12.2021

[54] IMAGE ANALYSIS METHOD AND DEVICE BASED ON EDGE MATERIAL DATA  
ENHANCEMENT  
基於邊緣素材數據增強的圖像分析方法和裝置

[71] Tencent Technology (Shenzhen) Company Limited  
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Nanshan District, Shenzhen, Guangdong, 518057

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| [51] | G06K 9/62 | [11] | 40053600      |
|      | G06K 9/00 |      | CN113515994 A |
|      |           | [13] | A             |

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|------|---------------------------------------------------------------------------|------|---------------|
| [51] | G06K 9/62                                                                 | [11] | 40053637      |
|      |                                                                           |      | CN113673547 A |
|      |                                                                           | [13] | A             |
| [25] | ZH                                                                        |      |               |
| [21] | 42021043955.0                                                             | [22] | 08.12.2021    |
| [54] | USER CLASSIFICATION METHOD, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM |      |               |
|      | 用戶分類方法、裝置、計算機設備和存儲介質                                                      |      |               |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED                             |      |               |
|      | 腾讯科技(深圳)有限公司                                                              |      |               |
|      | 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] | 巫晓杰                                                                       |      |               |
|      | 周梦                                                                        |      |               |
|      | 方高林                                                                       |      |               |
| [74] | 香港派特恩知识产权代理有限公司                                                           |      |               |
|      | 香港                                                                        |      |               |
|      | 上環永樂街 121-125 號                                                           |      |               |
|      | 永達商業大廈 10 樓 C 室                                                           |      |               |

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| [51] | G06K 9/62    | [11] | 40053648      |
|      | G06F 16/9535 |      | CN113553514 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06K 9/62 | [11] | 40053751      |
|      | G06K 9/00 |      | CN113574534 A |
|      |           | [13] | A             |

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| [51] | G06N 20/00 | [11] | 40053486      |
|      | G06F 30/27 |      | CN113591377 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06N 20/00 | [11] | 40053574      |
|      | G06F 16/33 |      | CN113569003 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 20/00 | [11] | 40053589      |
|      | G06F 16/33 |      | CN113505204 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06N 20/00  | [11] | 40053616      |
|      | G06F 40/166 |      | CN113536743 A |
|      |             | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 20/00   | [11] | 40053646      |
|      | G06F 16/9535 |      | CN113515690 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 20/00 | [11] | 40053675      |
|      | G01N 33/24 |      | CN113167780 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06N 20/00 | [11] | 40053730      |
|      | G06Q 10/10 |      | CN113557541 A |
|      |            | [13] | A             |

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|------|-----------|------|--------------|
| [51] | G06N 3/00 | [11] | 40053672     |
|      | H03K      |      | EP3824554 A1 |
|      | 19/17748  |      |              |
|      |           | [13] | A            |

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| [51] | G06N 3/04  | [11] | 40053417      |
|      | G06F 16/33 |      | CN113407663 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/04   | [11] | 40053418      |
|      | G06F 40/258 |      | CN113392639 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06N 3/04  | [11] | 40053443      |
|      | G06T 7/136 |      | CN113470057 A |
|      |            | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053477      |
|      | G06N 3/08 |      | CN113177627 A |
|      |           | [13] | A             |

[25] ZH

[21] 42021042615.1 [22] 17.11.2021

[30] 11.01.2021 CN, 202110031495.4

[54] OPTIMIZATION SYSTEM, RETRAINING SYSTEM AND METHOD, PRECESSOR  
AND READABLE MEDIUM

優化系統、重新訓練系統及其方法及處理器和可讀介質

[71] United Microelectronics Centre (Hong Kong) Limited

聯合微電子中心(香港)有限公司

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[72] 赵京雄

王东鹏

霍晓

李莎

[74] Fiona Wang / UMEC (HK)

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新界科學園科技大道西 19 號

19W 大樓 15 樓 1512-1513 室

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| [51] | G06N 3/04  | [11] | 40053478    |
|      | G06N 3/063 |      | CN113177638 |
|      |            | [13] | A           |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053510      |
|      | G06T 7/00 |      | CN113538324 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053512      |
|      | G06K 9/20 |      | CN113496225 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053518      |
|      | G06K 9/62 |      | CN113052262 A |
|      |           | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06N 3/04    | [11] | 40053539      |
|      | G06F 16/9535 |      | CN113407843 A |
|      |              | [13] | A             |

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|      |           |      |               |
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| [51] | G06N 3/04 | [11] | 40053540      |
|      | G06K 9/00 |      | CN113420684 A |
|      |           | [13] | A             |

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|      |            |      |               |
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| [51] | G06N 3/04  | [11] | 40053574      |
|      | G06F 16/33 |      | CN113569003 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06N 3/04  | [11] | 40053575      |
|      | G06Q 50/02 |      | CN113538162 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053580      |
|      | G06K 9/62 |      | CN113569890 A |
|      |           | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/04    | [11] | 40053586      |
|      | G06F 16/9535 |      | CN113569130 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053593      |
|      | G06K 9/62 |      | CN113486914 A |
|      |           | [13] | A             |

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| [51] | G06N 3/04 | [11] | 40053597      |
|      | G06K 9/62 |      | CN113505866 A |
|      |           | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G06N 3/04   | [11] | 40053599      |
|      | G06F 40/295 |      | CN113536793 A |
|      |             | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06N 3/04  | [11] | 40053618      |
|      | G06T 15/00 |      | CN113554737 A |
|      |            | [13] | A             |

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| [51] | G06N 3/04 | [11] | 40053643      |
|      | G06K 9/00 |      | CN113569824 A |
|      |           | [13] | A             |

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| [51] | G06N 3/04 | [11] | 40053645      |
|      | G06T 5/00 |      | CN113538254 A |
|      |           | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/04    | [11] | 40053648      |
|      | G06F 16/9535 |      | CN113553514 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053650      |
|      | G06K 9/00 |      | CN113569822 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/04 | [11] | 40053751      |
|      | G06K 9/00 |      | CN113574534 A |
|      |           | [13] | A             |

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[51] G06N 3/063 [11] 40053478  
G06N 3/04 CN113177638  
G06N 3/08  
[13] A

[25] ZH

[21] 42021042621.9 [22] 17.11.2021

[30] 11.12.2020 CN, 202011457687.3

[54] PROCESSOR, AND METHOD FOR GENERATING BINARIZED WEIGHTS FOR A  
NEURAL NETWORK  
用於生成神經網絡的二值化權重的處理器和方法

[71] United Microelectronics Centre (Hong Kong) Limited  
聯合微電子中心(香港)有限公司  
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[72] 焦玉中  
霍晓

[74] Fiona Wang / UMEC (HK)  
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19W 大樓 15 樓 1512-1513 室

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[51] G06N 3/08 [11] 40053443  
G06T 7/136 CN113470057 A  
[13] A

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[51] G06N 3/08 [11] 40053477  
G06N 3/04 CN113177627 A  
[13] A

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[51] G06N 3/08 [11] 40053478  
G06N 3/063 CN113177638  
[13] A

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[51] G06N 3/08 [11] 40053486  
G06F 30/27 CN113591377 A  
[13] A

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[51] G06N 3/08 [11] 40053512  
G06K 9/20 CN113496225 A  
[13] A

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40053518      |
|      | G06K 9/62 |      | CN113052262 A |
|      |           | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/08    | [11] | 40053539      |
|      | G06F 16/9535 |      | CN113407843 A |
|      |              | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40053540      |
|      | G06K 9/00 |      | CN113420684 A |
|      |           | [13] | A             |

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|------|--------------|------|---------------|
| [51] | G06N 3/08    | [11] | 40053551      |
|      | G06F 16/9535 |      | CN113515703 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 3/08  | [11] | 40053574      |
|      | G06F 16/33 |      | CN113569003 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 3/08  | [11] | 40053575      |
|      | G06Q 50/02 |      | CN113538162 A |
|      |            | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/08    | [11] | 40053586      |
|      | G06F 16/9535 |      | CN113569130 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06N 3/08  | [11] | 40053589      |
|      | G06F 16/33 |      | CN113505204 A |
|      |            | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40053593      |
|      | G06K 9/62 |      | CN113486914 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40053597      |
|      | G06K 9/62 |      | CN113505866 A |
|      |           | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06N 3/08   | [11] | 40053599      |
|      | G06F 40/295 |      | CN113536793 A |
|      |             | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40053645      |
|      | G06T 5/00 |      | CN113538254 A |
|      |           | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | G06N 3/08    | [11] | 40053648      |
|      | G06F 16/9535 |      | CN113553514 A |
|      |              | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06N 3/08 | [11] | 40053751      |
|      | G06K 9/00 |      | CN113574534 A |
|      |           | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G06Q 10/02 | [11] | 40053452     |
|      | G06Q 10/06 |      | EP3859616 A1 |
|      |            | [13] | A            |

[25] EN

[21] 42021042535.1 [22] 16.11.2021

[30] 30.01.2020 DK, PA 2020 70058

[54] CHANGING OR BATHROOM FACILITIES FOR DISABLED AND ELDERLY PEOPLE

殘疾人和老年人的更衣或浴室設施

[71] Pressalit A/S  
Pressalitvej 1  
8680 Ry  
DENMARK

[72] LETH, Angela

[74] ELLALAN  
26th and 28th Floors, The Hennessy  
256 Hennessy Road, Wanchai  
HONG KONG

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[51] G06Q 10/02 [11] 40053546  
G07C 11/00 CN112884967 A  
[13] A

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[51] G06Q 10/02 [11] 40053689  
B64F 1/30 EP3815010 A1  
[13] A

[25] EN  
[21] 62021042015.9 [22] 05.11.2021  
[86] 10.06.2020 PCT/US2020/037009  
[87] 17.12.2020 WO2020/252030  
[30] 10.06.2019 US,201962859469P  
[54] SYSTEM AND METHOD FOR PLANNING A MULTIMODAL ITINERARY  
用於規劃多式聯運行程的系統和方法  
[71] Joby Aero, Inc.  
340 WOODPECKER RIDGE ROAD  
SANTA CRUZ, CA 95060  
UNITED STATES OF AMERICA  
[72] VILLA, Ian Andreas  
HABAN, Philipp  
[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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[51] G06Q 10/06 [11] 40053452  
G06Q 10/02 EP3859616 A1  
[13] A

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[51] G06Q 10/06 [11] 40053575  
G06Q 50/02 CN113538162 A  
[13] A

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[51] G06Q 10/06 [11] 40053603  
G06Q 40/04 CN113537685 A  
[13] A

[25] ZH  
[21] 42021043640.8 [22] 03.12.2021  
[54] DATA PROCESSING METHOD AND APPARATUS  
一種數據處理方法和裝置

- [71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
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Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District,Shenzhen,Guangdong,518057  
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518057 广东省深圳市南山区高新区科技中一路  
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- [72] WANG,HUAN 王欢  
HU,ZHONGMIN 胡仲旻
- [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] G06Q 10/10 [11] 40053576  
G06F 16/33 CN113469660 A  
[13] A
- [25] ZH
- [21] 42021043609.3 [22] 03.12.2021
- [54] SCHEDULE PROCESSING METHOD AND APPARATUS  
一種日程處理方法及裝置
- [71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F,Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
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- [74] 集佳知識產權有限公司  
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- [51] G06Q 10/10 [11] 40053730  
G06F 21/62 CN113557541 A  
G06N 20/00  
[13] A
- [25] EN
- [21] 62021042856.6 [22] 23.11.2021

- [86] 06.03.2020 PCT/US2020/021438  
[87] 10.09.2020 WO2020/181203  
[30] 06.03.2019 US,62/814,677  
21.02.2020 US,16/797,520  
[54] METHOD AND APPARATUS FOR EPHEMERAL ROLES IMPLEMENTING MODULE  
用於臨時職位實現模塊的方法和裝置  
[71] JPMorgan Chase Bank, N.A.  
摩根大通国家银行  
383 Madison Avenue  
New York  
UNITED STATES OF AMERICA  
[72] Adrian ASHER A·亚瑟  
Michael D. ACKERMAN M·D·阿克曼  
[74] BESTIPR INTELLECTUAL PROPERTY AGENCY LIMITED  
UNIT H, 1/F, TOWER 15, 8 SHAN TONG ROAD  
THE REGENT, TAI PO, NEW TERRITORIES  
HONG KONG
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- [51] G06Q 20/06 [11] 40053578  
H04N 7/14 CN113542653 A  
[13] A
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- [51] G06Q 20/10 [11] 40053561  
G06Q 20/32 EP3839856 A1  
[13] A
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- [51] G06Q 20/32 [11] 40053561  
G06Q 20/10 EP3839856 A1  
G06Q 20/40 [13] A  
[25] EN  
[21] 42021043266.2 [22] 29.11.2021  
[30] 19.12.2019 US,201916720494  
[54] SYSTEM AND METHOD FOR CONTROLLING ACCESS TO ACCOUNT  
TRANSACTION INFORMATION  
用於控制對賬戶交易信息的訪問系統和方法  
[71] Capital One Services, LLC  
1680 Capital One Drive  
McLean, Virginia 22102  
UNITED STATES OF AMERICA  
[72] SHAH, Salik  
BERMUDEZ, Sophie  
[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] | G06Q 20/34<br>G06Q 20/36<br>G06Q 20/40                                                                                           | [11] | 40053700<br>CN113168631 A |
|      |                                                                                                                                  | [13] | A                         |
| [25] | EN                                                                                                                               |      |                           |
| [21] | 62021042705.5                                                                                                                    | [22] | 19.11.2021                |
| [86] | 01.10.2019 PCT/US2019/053957                                                                                                     |      |                           |
| [87] | 09.04.2020 WO2020/072419                                                                                                         |      |                           |
| [30] | 02.10.2018 US,62/740,352<br>29.11.2018 US,16/205,119<br>07.08.2019 US,16/534,813                                                 |      |                           |
| [54] | SYSTEMS AND METHODS FOR CRYPTOGRAPHIC AUTHENTICATION OF<br>CONTACTLESS CARDS<br>用於非接觸卡的密碼認證的系統和方法                                |      |                           |
| [71] | CAPITAL ONE SERVICES, LLC<br>第一資本服務有限責任公司<br>1680 Capital One Drive, McLean, VA 22102<br>UNITED STATES OF AMERICA<br>美國<br>弗吉尼亚州 |      |                           |
| [72] | RULE, Jeffrey 杰弗里·鲁尔<br>ASHFIELD, James 詹姆斯·阿什菲尔德<br>CHIGURUPATI, Srinivasa 斯里尼瓦沙·希古鲁帕蒂<br>OSBORN, Kevin 凯文·奥斯本                  |      |                           |
| [74] | 中港知識產權有限公司<br>香港<br>灣仔告士打道 151 號資本中心 15 樓 1502 室                                                                                 |      |                           |

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|------|--------------------------|------|---------------------------|
| [51] | G06Q 20/36<br>G06Q 20/34 | [11] | 40053700<br>CN113168631 A |
|      |                          | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | G06Q 20/38<br>G06F 16/27 | [11] | 40053652<br>CN113568981 A |
|      |                          | [13] | A                         |

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| [51] | G06Q 20/40<br>G06Q 20/32 | [11] | 40053561<br>EP3839856 A1 |
|      |                          | [13] | A                        |

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| [51] | G06Q 20/40 | [11] | 40053700      |
|      | G06Q 20/34 |      | CN113168631 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06Q 30/00 | [11] | 40053639      |
|      | G06Q 50/00 |      | CN112967068 A |
|      | G06F 9/451 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021043957.6 [22] 08.12.2021

[30] 15.03.2013 US,726604039US

[54] A SYSTEM FOR CONTROLLING AND OPTIMIZING INFORMATION  
DISTRIBUTION BETWEEN USERS IN AN INFORMATION EXCHANGE  
用於控制和優化信息交換中的用戶之間信息分布的系統

[71] Brian Mcfadden

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New York, NY 10101

UNITED STATES OF AMERICA

[72] Brian Mcfadden 布莱恩·麦克法登

[74] HNC INNOVATION LIMITED

Units 1205-1208, Cyberport 2, No. 100

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|------|--------------|------|---------------|
| [51] | G06Q 30/06   | [11] | 40053646      |
|      | G06F 16/9535 |      | CN113515690 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 30/06 | [11] | 40053735      |
|      | G06F 21/64 |      | CN113196327 A |
|      |            | [13] | A             |

[25] JA

[21] 62021042905.1 [22] 23.11.2021

[86] 12.12.2019 PCT/JP2019/048742

[87] 25.06.2020 WO2020/129815

[30] 20.12.2018 JP,2018-238786

[54] DATA TRANSACTION SYSTEM

數據交易系統

[71] PLAT'HOME CO., LTD.

普拉特家有限公司

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[72] SUZUKI, Tomoyasu 铃木友康  
GOTO, Toshiya 后藤敏也  
OGAWA, Daisuke 小河大将

[74] 中港知識產權有限公司  
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[51] G06Q 40/02 [11] 40053526  
CN113469799 A  
[13] A

[25] ZH

[21] 42021043110.2 [22] 25.11.2021

[54] METHOD, DEVICE, EQUIPMENT AND STORAGE MEDIUM FOR DETERMINING  
LOAN QUALIFICATION

貸款資質確定方法、裝置、設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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腾讯大厦 35 层

[72] 刘智洪

[74] 香港派特恩知识产权代理有限公司

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上環永樂街 121-125 號

永達商業大廈 10 樓 C 室

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[51] G06Q 40/02 [11] 40053638  
CN113657988 A  
[13] A

[25] ZH

[21] 42021043956.8 [22] 08.12.2021

[54] A METHOD OF BUSINESS PROCESSING, DEVICE, EQUIPMENT AND  
STORAGE MEDIUM

一種業務處理的方法、裝置、設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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中國

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腾讯大厦 35 层

[72] 许志研  
郭会东  
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童晓蕙

[74] 香港派特恩知识产权代理有限公司  
香港  
上環永樂街 121-125 號  
永達商業大廈 10 樓 C 室

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|------|------------|------|---------------|
| [51] | G06Q 40/04 | [11] | 40053603      |
|      | G06Q 10/06 |      | CN113537685 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06Q 40/04 | [11] | 40053636      |
|      | G06F 16/27 |      | CN113609222 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06Q 40/04 | [11] | 40053651      |
|      | G06F 21/62 |      | CN113570466 A |
|      | G06F 21/64 |      |               |
|      |            | [13] | A             |

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[25] ZH

[21] 42021044190.3 [22] 09.12.2021

[54] TRANSACTION DATA PROCESSING METHOD AND APPARATUS, AND  
READABLE STORAGE MEDIUM  
一種交易數據處理方法、裝置以及可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
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[72] LIU, PAN 刘攀

[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] G06Q 50/00 [11] 40053567  
G06F 16/33 CN113094478 A  
[13] A

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[51] G06Q 50/00 [11] 40053639  
G06Q 30/00 CN112967068 A  
[13] A

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[51] G06Q 50/02 [11] 40053575  
G06Q 10/06 CN113538162 A  
G06N 3/08  
G06N 3/04  
[13] A

[25] ZH

[21] 42021043608.5 [22] 03.12.2021

[54] METHOD AND DEVICE FOR GENERATING PLANTING STRATEGY,  
ELECTRONIC APPARATUS AND STORAGE MEDIUM  
一種種植策略生成方法、裝置、電子設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
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[72] LI, WENHAO 李文浩  
LUO, DIJUN 罗迪君

[74] 集佳知識產權有限公司  
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[51] G06Q 50/34 [11] 40053455  
G07F 17/32 CN113643485 A  
[13] A

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[51] G06T 11/00 [11] 40053644  
G06T 7/90 CN113570678 A  
[13] A

[25] ZH

[21] 42021044129.1 [22] 09.12.2021

[54] ARTIFICIAL INTELLIGENCE-BASED IMAGE COLORING METHOD AND APPARATUS AND ELECTRONIC DEVICE  
基於人工智能的圖像上色方法、裝置、電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
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[72] WU,YANZE 鄔彥澤  
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WANG,XINTAO 王鑫濤  
ZHANG,HONGLUN 張宏倫  
ZHAO,XUN 趙珣  
SHAN,YING 單瀛

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[51] G06T 11/40 [11] 40053591  
G06T 7/90 CN113538601 A  
[13] A

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[51] G06T 11/40 [11] 40053602  
G06T 7/11 CN113570615 A  
[13] A

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[51] G06T 13/80 [11] 40053423  
G06T 3/40 CN112927130 A  
[13] A

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[51] G06T 15/00 [11] 40053618  
G06K 9/00 CN113554737 A  
G10L 15/02  
G10L 15/06  
G10L 15/16

G10L 15/25  
G06N 3/04

[13] A

[25] ZH

[21] 42021043655.6 [22] 03.12.2021

[54] METHOD AND APPARATUS FOR DRIVING ACTIONS OF TARGET OBJECT,  
DEVICE AND STORAGE MEDIUM  
目標對象的動作驅動方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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[51] G06T 15/00 [11] 40053717  
G01N 21/87 EP3821234 A1  
[13] A

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[51] G06T 17/00 [11] 40053511  
A63F 13/56 CN113559513 A  
[13] A

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[51] G06T 17/20 [11] 40053543  
A63F 13/60 CN113457162 A  
[13] A

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[51] G06T 17/20 [11] 40053577  
G16B 15/20 CN113571122 A  
[13] A

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[51] G06T 3/40 [11] 40053423  
G06T 7/00 CN112927130 A

G06T 7/90  
G06T 13/80

[13] A

[25] ZH

[21] 42021042446.1 [22] 12.11.2021

[30] 06.12.2019 US, 62/945,085

[54] CONTROLLING ELECTRICAL COMPONENTS USING GRAPHICS FILES  
使用圖形文件控制電氣部件

[71] Illumina, Inc.

伊魯米那股份有限公司

5200 Illumina Way

San Diego California 92122

UNITED STATES OF AMERICA

[72] Brian Sinofsky 布莱恩·西诺夫斯基

Kirkpatrick Norton 柯克帕特里克·诺顿

SHETH, Soham 索哈姆·谢斯

[74] HNC INNOVATION LIMITED

Units 1205-1208, Cyberport 2, No. 100

Cyberport Road

HONG KONG

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[51] G06T 5/00

G06K 9/00

[11] 40053540

CN113420684 A

[13] A

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[51] G06T 5/00

G06T 7/13

[11] 40053585

CN113487523 A

[13] A

[25] ZH

[21] 42021043619.2 [22] 03.12.2021

[54] GRAPH CONTOUR OPTIMIZATION METHOD AND APPARATUS, COMPUTER  
DEVICE AND STORAGE MEDIUM

圖形輪廓優化方法、裝置、計算機設備和存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G06T 5/00<br>G06T 5/50<br>G06N 3/04<br>G06N 3/08                                                                                                                                                                                                   | [11] | 40053645<br>CN113538254 A |
|      |                                                                                                                                                                                                                                                    | [13] | A                         |
| [25] | ZH                                                                                                                                                                                                                                                 |      |                           |
| [21] | 42021044130.9                                                                                                                                                                                                                                      | [22] | 09.12.2021                |
| [54] | IMAGE RESTORATION METHOD AND APPARATUS, ELECTRONIC DEVICE AND<br>COMPUTER READABLE STORAGE MEDIUM<br>圖像恢復方法、裝置、電子設備及計算機可讀存儲介質                                                                                                                      |      |                           |
| [71] | 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>518057 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] | WANG,XINTAO 王鑫涛<br>LI,YU 李昱<br>ZHANG,HONGLUN 张宏伦<br>SHAN,YING 单瀛                                                                                                                                                                                   |      |                           |
| [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] | G06T 5/00                                                         | [11] | 40053718<br>EP3821392 A1 |
|      |                                                                   | [13] | A                        |
| [25] | EN                                                                |      |                          |
| [21] | 62021042740.2                                                     | [22] | 19.11.2021               |
| [86] | 01.05.2019 PCT/US2019/030103                                      |      |                          |
| [87] | 16.01.2020 WO2020/013904                                          |      |                          |
| [30] | 11.07.2018 EP,18305931.0                                          |      |                          |
| [54] | TONE-MAPPING OF COLORS OF A VIDEO CONTENT<br>視頻內容的顏色的色調映射         |      |                          |
| [71] | InterDigital VC Holdings, Inc.<br>200 Bellevue Parkway, Suite 300 |      |                          |

Wilmington, DE 19809  
UNITED STATES OF AMERICA

- [72] POULI, Tania  
CAUVIN, Laurent  
KERVEC, Jonathan  
GUERMOUD, Hassane
- [74] LIU, SHEN & ASSOCIATES  
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30 Harbour Road, Wanchai  
HONG KONG

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- |      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06T 5/30 | [11] | 40053584      |
|      | G06K 9/00 |      | CN113516105 A |
|      |           | [13] | A             |
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|------|-----------|------|---------------|
| [51] | G06T 5/50 | [11] | 40053645      |
|      | G06T 5/00 |      | CN113538254 A |
|      |           | [13] | A             |
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|------|-----------|------|---------------|
| [51] | G06T 7/00 | [11] | 40053423      |
|      | G06T 3/40 |      | CN112927130 A |
|      |           | [13] | A             |
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| [51] | G06T 7/00 | [11] | 40053510      |
|      | G06T 7/13 |      | CN113538324 A |
|      | G06N 3/04 |      |               |
|      |           | [13] | A             |

[25] ZH

[21] 42021043089.8 [22] 25.11.2021

[54] EVALUATION METHOD, MODEL TRAINING METHOD, DEVICE, MEDIUM AND  
ELECTRONIC EQUIPMENT  
評估方法、模型訓練方法、裝置、介質及電子設備

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
腾讯科技(深圳)有限公司  
中國  
广东省深圳市南山区高新区科技中一路  
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[72] 谢植淮  
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[74] 香港派特恩知识产权代理有限公司  
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上環永樂街 121-125 號  
永達商業大廈 10 樓 C 室

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| [51] | G06T 7/00 | [11] | 40053751      |
|      | G06K 9/00 |      | CN113574534 A |
|      |           | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/11  | [11] | 40053602      |
|      | G06T 7/13  |      | CN113570615 A |
|      | G06T 11/40 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021043638.2 [22] 03.12.2021

[54] IMAGE PROCESSING METHOD BASED ON DEEP LEARNING, ELECTRONIC  
DEVICE AND STORAGE MEDIUM

一種基於深度學習的圖像處理方法、電子設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[72] ZHANG, ZIYU 章子譽

LUO, GUOZHONG 羅國中

[74] 集佳知識產權有限公司

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| [51] | G06T 7/13 | [11] | 40053510      |
|      | G06T 7/00 |      | CN113538324 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | G06T 7/13 | [11] | 40053585      |
|      | G06T 5/00 |      | CN113487523 A |
|      |           | [13] | A             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06T 7/13 | [11] | 40053602      |
|      | G06T 7/11 |      | CN113570615 A |
|      |           | [13] | A             |

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- [51] G06T 7/136 [11] 40053443  
G06N 3/04 CN113470057 A  
G06N 3/08  
[13] A
- [25] ZH
- [21] 42021042513.8 [22] 15.11.2021
- [54] SEMANTIC SEGMENTATION METHOD, DEVICE, ELECTRONIC EQUIPMENT  
AND COMPUTER READABLE STORAGE MEDIUM  
語義分割方法、裝置、電子設備和計算機可讀存儲介質
- [71] SHANGHAI SENSETIME INTELLIGENT TECHNOLOGY CO., LTD.  
上海商湯智能科技有限公司  
中國  
上海市徐汇区桂平路 391 号  
3 号楼 1605A 室
- [72] JI, Deyi 纪德益  
WANG, Haoran 王浩然
- [74] 香港派特恩知识产权代理有限公司  
香港  
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永達商業大廈 10 樓 C 室
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- [51] G06T 7/40 [11] 40053675  
G01N 33/24 CN113167780 A  
[13] A
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- [51] G06T 7/73 [11] 40053622  
EP3836086 A1  
[13] A
- [25] EN
- [21] 42021043822.2 [22] 07.12.2021
- [30] 09.12.2019 US,201916707461
- [54] SYSTEM AND METHOD FOR TRAILER POSE ESTIMATION  
用於拖車姿態估計的系統和方法
- [71] PlusAI Limited  
15/F., BOC Group Life Assurance Tower  
136 Des Voeux Road Central, Central  
HONG KONG
- [72] AGARWAL, Ankur
- [74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG



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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G06T 7/90 | [11] | 40053423      |
|      | G06T 3/40 |      | CN112927130 A |
|      |           | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | G06T 7/90   | [11] | 40053591      |
|      | G06T 11/40  |      | CN113538601 A |
|      | G06F 16/957 |      |               |
|      |             | [13] | A             |

[25] ZH

[21] 42021043626.7 [22] 03.12.2021

[54] IMAGE PROCESSING METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM

圖像處理方法、裝置、計算機設備以及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[72] LU, XINQI 卢欣琪

ZHANG, ZHEN 张臻

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G06T 7/90  | [11] | 40053644      |
|      | G06T 11/00 |      | CN113570678 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G06T 9/00  | [11] | 40053655      |
|      | G06F 21/60 |      | CN113516723 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021044194.5 [22] 09.12.2021

[54] FACE PICTURE ENCRYPTION METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM

人臉圖片加密方法、裝置、計算機設備及存儲介質

- [71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
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TANG, HUIZHONG 唐惠忠  
WANGSHAOMING 王少鳴  
GUORUNZENG 郭潤增
- [74] 集佳知識產權有限公司  
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- [51] G07C 11/00 [11] 40053546  
G06Q 10/02 CN112884967 A  
[13] A
- [25] ZH
- [21] 42021043226.6 [22] 29.11.2021
- [30] 20.08.2014 US, 62/039609  
18.08.2015 US, 14/829227
- [54] VIRTUAL QUEUING SYSTEM AND METHOD  
虛擬排隊系統和方法
- [71] UNIVERSAL CITY STUDIOS LLC  
100 UNIVERSAL CITY PLAZA  
UNIVERSAL CITY, CA 91608  
UNITED STATES OF AMERICA
- [72] JUSTIN MICHAEL SCHWARTZ
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG

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- [51] G07F 17/32 [11] 40053455  
G06Q 50/34 CN113643485 A  
[13] A
- [25] ZH
- [21] 42021042544.3 [22] 16.11.2021
- [30] 22.01.2016 ES, P201630078

[54] DEVICE FOR CONTROLLING THE OPERATION OF PHYSICAL GAMING MACHINE AND GAMING INSTALLATION COMPRISING THE DEVICE  
用於控制物理遊戲機的操作的設備和包括設備的遊戲設施

[71] MARCOYPE, S.L.  
馬科伊佩有限公司  
C/FERNANDO AMOR Y MAYOR, NO. 8-4-2  
14011 CORDOBA  
SPAIN

[72] JUAN LUIS MOYA GARCIA J·L·莫亞加西亞

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
Unit 09, 34/F., Office Tower, Convention Plaza  
1 Harbour Road, Wanchai  
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[51] G08B 17/113 [11] 40053762  
EP3899893 A1  
[13] A

[25] DE

[21] 62021043060.4 [22] 25.11.2021

[86] 25.11.2019 PCT/EP2019/082414

[87] 25.06.2020 WO2020/126326

[30] 18.12.2018 EP,18213375

[54] FIRE OR SMOKE ALARM  
火災或煙霧報警器

[71] SIEMENS SCHWEIZ AG  
FREILAGERSTRASSE 40  
CH-8047 ZÜRICH  
SWITZERLAND

[72] STÄGER, Mathias  
VOLLENWEIDER, Walter

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
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[51] G08B 21/02 [11] 40053440  
H04W 4/021 CN113470307 A  
H04W 4/40  
H04W 12/06

[13] A

[25] ZH

[21] 42021042509.6 [22] 15.11.2021

[54] ELECTRONIC FENCE MANAGEMENT AND CONFIGURATION METHOD, DEVICE,  
ELECTRONIC EQUIPMENT AND STORAGE MEDIUM  
電子圍欄的管理和配置方法、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] SUN, Heran 孙贺然  
WANG, Lei 王磊
- [74] 香港派特恩知识产权代理有限公司  
香港  
上環永樂街 121-125 號  
永達商業大廈 10 樓 C 室
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- [51] G08B 21/12 [11] 40053437  
G08B 27/00 EP3905211 A1  
[13] A
- [25] EN
- [21] 42021042499.0 [22] 15.11.2021
- [30] 14.04.2020 US, 202016847913  
27.01.2021 US, 202117159569
- [54] SYSTEMS AND METHODS FOR NOTIFYING PARTICULAR DEVICES BASED ON  
ESTIMATED DISTANCE  
用於基於估計距離通知特定裝置的系統和方法
- [71] Soter Technologies, LLC  
113 Comac Street, Ronkonkoma  
NY 11779  
UNITED STATES OF AMERICA
- [72] PETERSON, Derek  
ELBADRY, Mohammed
- [74] GLOBAL ZEN IP SERVICES LIMITED  
Room 1707, 17th Floor Beverly House  
93-107 Lockhart Road, Wanchai  
HONG KONG
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- [51] G08B 21/18 [11] 40053415  
G01M 17/04 CN112747944 A  
[13] A
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- [51] G08B 25/01 [11] 40053615  
H04L 12/58 CN113542101 A  
[13] A
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|------|------------|------|---------------|
| [51] | G08B 25/08 | [11] | 40053615      |
|      | H04L 12/58 |      | CN113542101 A |
|      |            | [13] | A             |

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|------|------------|------|--------------|
| [51] | G08B 27/00 | [11] | 40053437     |
|      | G08B 21/12 |      | EP3905211 A1 |
|      |            | [13] | A            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G08G 1/01  | [11] | 40053581      |
|      | G06F 30/15 |      | CN113505446 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | G08G 1/08  | [11] | 40053581      |
|      | G06F 30/15 |      | CN113505446 A |
|      |            | [13] | A             |

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|------|-------------|------|---------------|
| [51] | G08G 1/0968 | [11] | 40053590      |
|      |             |      | CN113470411 A |
|      |             | [13] | A             |

[25] ZH

[21] 42021043625.9 [22] 03.12.2021

[54] VEHICLE NAVIGATION METHOD AND APPARATUS, ELECTRONIC DEVICE  
AND COMPUTER READABLE STORAGE MEDIUM

車輛導航方法、裝置、電子設備及計算機可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[74] 集佳知識產權有限公司

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| [51] | G09G 3/34 | [11] | 40053495      |
|      | G09G 3/36 |      | CN113470588 A |

[13] A

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|------|-------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G09G 3/36<br>G09G 3/34                                                                                            | [11] | 40053495<br>CN113470588 A |
|      |                                                                                                                   | [13] | A                         |
| [25] | ZH                                                                                                                |      |                           |
| [21] | 42021043042.7                                                                                                     | [22] | 25.11.2021                |
| [54] | DRIVING METHOD, ELECTRONIC EQUIPMENT AND DRIVING CHIP OF<br>LIQUID CRYSTAL DISPLAY SCREEN<br>液晶顯示屏的驅動方法、電子設備及驅動芯片 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 林明田<br>周偉彪                                                                                                        |      |                           |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                                       |      |                           |

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|------|-------------------------|------|---------------------------|
| [51] | G10H 1/46<br>G10L 19/16 | [11] | 40053587<br>CN113539279 A |
|      |                         | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | G10L 15/02<br>G06T 15/00 | [11] | 40053618<br>CN113554737 A |
|      |                          | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | G10L 15/06<br>G06T 15/00 | [11] | 40053618<br>CN113554737 A |
|      |                          | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | G10L 15/16<br>G06T 15/00 | [11] | 40053618<br>CN113554737 A |
|      |                          | [13] | A                         |

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[51] G10L 15/25 [11] 40053618  
G06T 15/00 CN113554737 A  
[13] A

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[51] G10L 19/00 [11] 40053587  
G10L 19/16 CN113539279 A  
[13] A

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[51] G10L 19/16 [11] 40053587  
G10L 25/57 CN113539279 A  
G10H 1/46  
G10L 19/00  
[13] A

[25] ZH

[21] 42021043621.8 [22] 03.12.2021

[54] AUDIO DATA PROCESSING METHOD AND APPARATUS, AND COMPUTER-  
READABLE STORAGE MEDIUM  
一種音頻數據處理方法、裝置以及計算機可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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[72] NIE, JUNJIANG 聂俊江

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[51] G10L 21/0208 [11] 40053413  
G10L 21/0272 CN112750450 A  
B60W 30/09  
B60W 30/095  
B60T 7/22  
B60R 16/02  
[13] A

[25] ZH

[21] 42021040375.4 [22] 13.10.2021

[30] 31.10.2019 US, 16/671,041

- [54] AUTHORITY VEHICLE DETECTION  
機構車輛檢測
- [71] Pony AI Inc.  
小马智行  
开曼群岛  
大开曼岛酸橙树湾大街 23 号总督广场 4-210, 32311 邮箱
- [72] DINGLI, Robert R·丹利  
DIEHL, Peter G. P·G·迪尔  
LI, Chen Yue 李辰乐
- [74] 百睿知識產權有限公司  
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- [51] G10L 21/0272 [11] 40053413  
G10L 21/0208 CN112750450 A  
[13] A
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- [51] G10L 25/57 [11] 40053587  
G10L 19/16 CN113539279 A  
[13] A
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- [51] G11B 3/68 [11] 40053625  
G11B 3/70 CN112951278 A  
[13] A
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- [51] G11B 3/70 [11] 40053625  
G11B 3/68 CN112951278 A  
A44C 21/00  
[13] A

- [25] ZH
- [21] 42021043836.2 [22] 07.12.2021
- [30] 10.12.2019 DE,102019133806.9
- [54] A COIN OR MEDAL  
硬幣或章牌
- [71] B.H. MAYER'S KUNSTPRAEGEANSTALT GMBH  
B·H·梅耶艺术造币有限公司  
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GERMANY
- [72] Alex Wegner A·威格纳
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | G16B 15/20<br>G06T 17/20                                                                                                                                                                                                                               | [11] | 40053577<br>CN113571122 A |
|      |                                                                                                                                                                                                                                                        | [13] | A                         |
| [25] | ZH                                                                                                                                                                                                                                                     |      |                           |
| [21] | 42021043610.1                                                                                                                                                                                                                                          | [22] | 03.12.2021                |
| [54] | METHOD AND DEVICE FOR DETERMINING ELECTRON DENSITY MAP,<br>ELECTRONIC APPARATUS AND STORAGE MEDIUM<br>一種電子密度圖的確定方法、裝置、電子設備和存儲介質                                                                                                                        |      |                           |
| [71] | 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>518057 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] | WU, JIAXIANG 吳家祥<br>HUANG, JUNZHOU 黃俊洲                                                                                                                                                                                                                 |      |                           |
| [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] | G16B 20/50<br>C40B 80/00 | [11] | 40053427<br>CN112795990 A |
|      |                          | [13] | A                         |
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|------|-------------------------|------|---------------------------|
| [51] | G16H 30/40<br>G06K 9/00 | [11] | 40053751<br>CN113574534 A |
|      |                         | [13] | A                         |
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|------|---------------------------|------|--------------------------|
| [51] | G16H 40/63<br>G16H 50/20  | [11] | 40053537<br>EP3826031 A1 |
|      |                           | [13] | A                        |
| [25] | EN                        |      |                          |
| [21] | 42021043133.4             | [22] | 25.11.2021               |
| [30] | 25.08.2017 US, 62/549,994 |      |                          |

[54] USER INTERFACE FOR ANALYSIS OF ELECTROCARDIOGRAMS  
用於分析心電圖的用戶界面

[71] Cardiologs Technologies SAS  
136 rue St-Denis  
75002 Paris  
FRANCE

[72] SCABELLONE, Chiara  
GAUDEFROY, Cyril  
LI, Jia  
BARRE, Benjamin

[74] BARRON & YOUNG INTELLECTUAL PROPERTY LIMITED  
Suite 617, Lakeside 2  
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Shatin, N.T.  
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|------|-------------------------|------|---------------------------|
| [51] | G16H 40/63<br>A61B 5/00 | [11] | 40053677<br>CN112770666 A |
|      |                         | [13] | A                         |

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|------|--------------------------|------|--------------------------|
| [51] | G16H 50/20<br>G16H 40/63 | [11] | 40053537<br>EP3826031 A1 |
|      |                          | [13] | A                        |

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|------|-------------------------|------|---------------------------|
| [51] | G16H 50/20<br>A61B 5/00 | [11] | 40053677<br>CN112770666 A |
|      |                         | [13] | A                         |

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|------|-----------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | H01C 1/032<br>H01C 1/084<br>H01C 1/142<br>H01C 1/144<br>H01C 1/148<br>H01C 7/06<br>H01C 7/18<br>H01C 17/00<br>H01C 17/065<br>H01C 17/28 | [11] | 40053471<br>CN113012875 A |
|      |                                                                                                                                         | [13] | A                         |

[25] ZH

[21] 42021042590.6 [22] 17.11.2021

[30] 30.10.2015 US, 14/928, 893

[54] SURFACE MOUNT RESISTORS AND METHODS OF MANUFACTURING SAME  
表面貼裝電阻器及其製造方法

- [71] VISHAY DALE ELECTRONICS, LLC  
韦沙戴尔电子有限公司  
1122 23rd Street Columbus  
Nebraska 68601  
UNITED STATES OF AMERICA
- [72] SMITH, Clark C·史密斯  
WYATT, Todd T·怀亚特
- [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] | H01C 1/084 | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 1/142 | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 1/144 | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 1/148 | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 17/00 | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01C 17/065 | [11] | 40053471      |
|      | H01C 1/032  |      | CN113012875 A |
|      |             | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 17/28 | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 7/06  | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H01C 7/18  | [11] | 40053471      |
|      | H01C 1/032 |      | CN113012875 A |
|      |            | [13] | A             |

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|      |                                           |      |              |
|------|-------------------------------------------|------|--------------|
| [51] | H01L 23/40                                | [11] | 40053444     |
|      |                                           |      | EP3869550 A2 |
|      |                                           | [13] | A            |
| [25] | EN                                        |      |              |
| [21] | 42021042521.1                             | [22] | 16.11.2021   |
| [30] | 11.11.2019 US,201916680023                |      |              |
| [54] | HEAT SINK LOAD BALANCING APPARATUS        |      |              |
|      | 熱沉負載平衡裝置                                  |      |              |
| [71] | Google LLC                                |      |              |
|      | 1600 Amphitheatre Parkway                 |      |              |
|      | Mountain View, CA 94043                   |      |              |
|      | UNITED STATES OF AMERICA                  |      |              |
| [72] | TONG, Ryan C.                             |      |              |
| [74] | CHINA SINDA INTELLECTUAL PROPERTY LIMITED |      |              |
|      | Suite 3301, One Exchange Square, Central  |      |              |
|      | HONG KONG                                 |      |              |

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|      |            |      |              |
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| [51] | H01M 4/88  | [11] | 40053664     |
|      | H01M 8/126 |      | EP3853937 A1 |
|      |            | [13] | A            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H01M 4/90  | [11] | 40053664     |
|      | H01M 8/126 |      | EP3853937 A1 |
|      |            | [13] | A            |

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|------|-------------|------|---------------|
| [51] | H01M 50/244 | [11] | 40053721      |
|      | H01M 50/247 |      | CN113597704 A |
|      | H01M 50/262 |      |               |
|      | H04Q 9/00   |      |               |
|      |             | [13] | A             |
| [25] | JA          |      |               |

[21] 62021042745.1 [22] 19.11.2021  
[86] 29.03.2019 PCT/JP2019/014186  
[87] 08.10.2020 WO2020/202319  
[54] REMOTE CONTROLLER  
遙控裝置  
[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] SHICHINO, KAZUMA 七野一马  
ONO, HIDEHARU 小野比出晴  
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[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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[51] H01M 50/247 [11] 40053721  
H01M 50/244 CN113597704 A  
[13] A

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[51] H01M 50/262 [11] 40053721  
H01M 50/244 CN113597704 A  
[13] A

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[51] H01M 8/1226 [11] 40053664  
H01M 8/126 EP3853937 A1  
[13] A

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[51] H01M 8/124 [11] 40053664  
H01M 8/126 EP3853937 A1  
[13] A

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[51] H01M 8/126 [11] 40053664  
H01M 8/1226 EP3853937 A1  
H01M 4/88  
H01M 4/90  
C04B 35/64  
H01M 8/124  
[13] A

[25] EN

- [21] 62021039108.7 [22] 18.09.2021
- [86] 13.09.2019 PCT/US2019/050928
- [87] 26.03.2020 WO2020/060846
- [30] 19.09.2018 US,16/135,243
- [54] SETTER PLATES AND MANUFACTURING METHODS FOR CERAMIC-ANODE  
SOLID OXIDE FUEL CELLS  
陶瓷陽極固體氧化物燃料電池的墊板和製造方法
- [71] REDOX POWER SYSTEMS LLC  
4467 Technology Drive, Suite 2107 Building 387  
College Park, MD 20742  
UNITED STATES OF AMERICA
- [72] PAN, Keji  
BISHOP, Sean, R.  
LANGDO, Thomas  
BLACKBURN, Bryan, M.
- [74] ECCLES & LEE  
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- [51] H01P 1/201 [11] 40053707  
H01P 1/203 CN113228409 A  
[13] A
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- [51] H01P 1/203 [11] 40053707  
H05K 1/16 CN113228409 A  
H01P 1/201 [13] A
- [25] EN
- [21] 62021042715.4 [22] 19.11.2021
- [86] 19.12.2019 PCT/US2019/067372
- [87] 25.06.2020 WO2020/132183
- [30] 20.12.2018 US,62/782,496
- [54] MULTILAYER ELECTRONIC DEVICE INCLUDING A CAPACITOR HAVING A  
PRECISELY CONTROLLED CAPACITIVE AREA  
包括具有精確控制電容面積的電容器的多層電子裝置
- [71] AVX CORPORATION  
阿维科斯公司  
One AVX Boulevard Fountain Inn  
South Carolina 29644  
UNITED STATES OF AMERICA
- [72] CHOI, Kwang 崔权  
BEROLINI, Marianne 玛丽安·贝罗里尼
- [74] BENNY KONG & TSAI  
Unit 19B, Overseas Trust Bank Building

No. 160 Gloucester Road, Wanchai  
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|------|-----------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | H01P 1/203<br>H01P 3/08<br>H01P 11/00<br>H03H 7/01                                                              | [11] | 40053708<br>CN113273029 A |
|      |                                                                                                                 | [13] | A                         |
| [25] | EN                                                                                                              |      |                           |
| [21] | 62021042716.2                                                                                                   | [22] | 19.11.2021                |
| [86] | 19.12.2019 PCT/US2019/067361                                                                                    |      |                           |
| [87] | 25.06.2020 WO2020/132179                                                                                        |      |                           |
| [30] | 20.12.2018 US,62/782,488                                                                                        |      |                           |
| [54] | MULTILAYER FILTER INCLUDING A CAPACITOR CONNECTED WITH AT<br>LEAST TWO VIAS<br>包括與至少兩個過孔連接的電容器的多層濾波器            |      |                           |
| [71] | AVX CORPORATION<br>阿维科斯公司<br>One AVX Boulevard Fountain Inn<br>South Carolina 29644<br>UNITED STATES OF AMERICA |      |                           |
| [72] | CHOI, Kwang 崔权<br>BEROLINI, Marianne 玛丽安·贝罗里尼                                                                   |      |                           |
| [74] | BENNY KONG & TSAI<br>Unit 19B, Overseas Trust Bank Building<br>No. 160 Gloucester Road, Wanchai<br>HONG KONG    |      |                           |

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|      |                          |      |                           |
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| [51] | H01P 11/00<br>H01P 1/203 | [11] | 40053708<br>CN113273029 A |
|      |                          | [13] | A                         |

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| [51] | H01P 3/08<br>H01P 1/203 | [11] | 40053708<br>CN113273029 A |
|      |                         | [13] | A                         |

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| [51] | H02H 3/087<br>H02H 7/26      | [11] | 40053661<br>CN112840517 A |
|      |                              | [13] | A                         |
| [25] | EN                           |      |                           |
| [21] | 62021034089.4                | [22] | 29.06.2021                |
| [86] | 18.06.2020 PCT/CN2020/096774 |      |                           |
| [87] | 23.12.2021 WO2021/253317     |      |                           |

- [30] 15.06.2020 US,16/901,266
- [54] ELECTRICAL PROTECTIVE DEVICE FOR LOW-VOLTAGE DIRECT CURRENT (LVDC) NETWORK  
用於低壓直流 (LVDC) 電網的電氣保護裝置
- [71] Hong Kong Applied Science and Technology Research Institute Company Limited  
5/F, Photonics Centre, 2 Science Park East Avenue  
Hong Kong Science Park, Shatin, New Territories  
HONG KONG
- [72] Xin, LI 李欣  
Kin Lap, WONG 黃建立  
Tin Ho, LI 李天河
- [74] Ben CHUN  
ASTRI, 1/F, Photonics Centre  
2 Science Park East Avenue, Hong Kong Science Park, Shatin, New Territories  
HONG KONG

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- [51] H02H 7/26 [11] 40053661  
H02H 3/087 CN112840517 A  
[13] A

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- [51] H02J 7/00 [11] 40053704  
B60L 53/16 EP3908477 A1  
[13] A

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- [51] H02K 1/18 [11] 40053453  
H02K 5/18 CN113054768 A  
[13] A

[25] ZH

[21] 42021042539.3 [22] 16.11.2021

[30] 26.12.2019 JP,2019-235835

[54] FRAME STRUCTURE OF MOTOR AND METHOD FOR MANUFACTURING FRAME AND ARMATURE OF MOTOR  
電動機的機架結構以及電動機的機架和電樞的製造方法

[71] SANYO DENKI CO., LTD.  
山洋電氣株式會社  
33-1, MINAMIOTSUKA 3-CHOME, TOSHIMA-KU  
TOKYO 170-8451  
JAPAN

[72] Manabu HORIUCHI 堀內學  
Yasushi MISAWA 三澤康司  
Jun KITAJIMA 北島純  
Mai SHIMIZU 清水麻衣



[74] Sunhope Intellectual Property Limited Attn: Miss Fiona Ko  
ROOM 902, 9/F, QUALIPAK TOWER  
NO. 121-122 CONNAUGHT ROAD WEST  
HONG KONG

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[51] H02K 1/27 [11] 40053727  
H02K 41/06 CN113366731 A  
H02K 11/21

[13] A

[25] EN

[21] 62021042751.9 [22] 19.11.2021

[86] 13.01.2020 PCT/AU2020/000004

[87] 23.07.2020 WO2020/146918

[30] 14.01.2019 AU,2019900105

[54] ROTATIONAL MOTOR

旋轉馬達

[71] VENEMAN, Ricky, Harman

里基·哈曼·维尼曼

55 Jubilee Road, Glen Iris WA 6230

AUSTRALIA

澳大利亞

西澳大利亚州

[72] VENEMAN, Ricky, Harman 里基·哈曼·维尼曼

[74] 中港知識產權有限公司

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[51] H02K 11/21 [11] 40053727  
H02K 1/27 CN113366731 A

[13] A

[51] H02K 41/06 [11] 40053727  
H02K 1/27 CN113366731 A

[13] A

[51] H02K 5/18 [11] 40053453  
H02K 1/18 CN113054768 A

[13] A

[51] H02M 1/08 [11] 40053505  
H02M 1/084 CN112838746 A

H02M 1/088

H02M 7/537

H02P 25/16

[13] A

[25] ZH

[21] 42021043067.4 [22] 25.11.2021

[30] 25.11.2019 US,16/694,100

[54] GATE DRIVER WITH INTEGRATED MILLER CLAMP

具有集成米勒鉗位器的柵極驅動器

[71] Skyworks Solutions, Inc.

天工方案公司

20 Sylvan Road, Woburn, MA 01801

UNITED STATES OF AMERICA

[72] Alan L. Westwick 阿蘭·L·韋斯特威克

Peter Onody 彼得·歐諾迪

András V. Horváth 安德拉斯·V·霍瓦特

Tamás Marozsák 陶馬什·毛羅扎克

[74] LIU, SHEN &amp; ASSOCIATES

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30 Harbour Road, Wanchai

HONG KONG

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[51] H02M 1/084 [11] 40053505  
H02M 1/08 CN112838746 A  
[13] A

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[51] H02M 1/088 [11] 40053505  
H02M 1/08 CN112838746 A  
[13] A

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[51] H02M 7/537 [11] 40053505  
H02M 1/08 CN112838746 A  
[13] A

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[51] H02P 25/16 [11] 40053505  
H02M 1/08 CN112838746 A  
[13] A

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[51] H03H 7/01 [11] 40053708  
H01P 1/203 CN113273029 A  
[13] A

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[51] H03K 19/17748 [11] 40053672  
G06N 3/00 EP3824554 A1  
G06F 15/78  
[13] A

[25] EN

[21] 62021041508.4 [22] 29.10.2021

[86] 14.08.2020 PCT/US2020/046287

[87] 18.02.2021 WO2021/030653

[30] 14.08.2019 US, 62/886, 481

[54] DUAL-MODE OPERATION OF APPLICATION SPECIFIC INTEGRATED  
CIRCUITS  
應用集成電路的雙模式運行

[71] Google LLC  
1600 Amphitheatre Parkway  
Mountain View, CA 94043  
UNITED STATES OF AMERICA

[72] POPE, Reiner

[74] CHINA SINDA INTELLECTUAL PROPERTY LIMITED  
Suite 3301, One Exchange Square, Central  
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[51] H03M 7/40 [11] 40053509  
EP3846348 A1  
[13] A

[25] EN

[21] 42021043078.1 [22] 25.11.2021

[30] 09.10.2009 EP, 09305961

[54] METHOD AND DEVICE FOR ARITHMETIC ENCODING OR ARITHMETIC  
DECODING  
算術編碼或算術解碼的方法和設備

[71] DOLBY INTERNATIONAL AB  
C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35  
1101 CN, AMSTERDAM ZUID-OOST  
NETHERLANDS

[72] WUEBBOLT, OLIVER

[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 5/00 [11] 40053725  
A61N 1/372 CN113169761 A  
[13] A

[25] EN  
[21] 62021042749.3 [22] 19.11.2021  
[86] 10.03.2020 PCT/IB2020/052048  
[87] 17.09.2020 WO2020/183355  
[30] 12.03.2019 US, 62/816, 981  
[54] SECURE SHORT-RANGE COMMUNICATIONS LINK FOR MEDICAL DEVICES  
用於醫療裝置的安全短距離通信鏈路  
[71] IMPULSE DYNAMICS NV  
脉冲动力公司  
Schottegatweg Oost 10, Willemstad  
NETHERLANDS  
荷蘭  
库拉索威廉斯塔德市  
[72] PRUTCHI, David 大卫·普鲁奇  
MEYERS, Jason 杰森·迈耶斯  
[74] 中港知識產權有限公司  
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[51] H04B 7/06 [11] 40053711  
H04W 48/20 CN113273253 A  
[13] A

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[51] H04L 1/18 [11] 40053713  
H04W 72/04 EP3905820 A1  
[13] A

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[51] H04L 12/18 [11] 40053615  
H04L 12/58 CN113542101 A  
[13] A

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[51] H04L 12/24 [11] 40053558  
H04L 29/08 CN113518119 A  
[13] A

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[51] H04L 12/24 [11] 40053559  
H04L 29/08 CN113489770 A  
[13] A

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[51] H04L 12/24 [11] 40053653  
H04L 29/08 CN113518005 A  
H04L 9/32  
[13] A

[25] ZH  
[21] 42021044192.9 [22] 09.12.2021

[54] BLOCK CONSENSUS METHOD AND APPARATUS, DEVICE AND STORAGE  
MEDIUM  
一種區塊共識方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District, Shenzhen, Guangdong, 518057  
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中國  
518057 广东省深圳市南山区高新区科技中一路  
騰訊大廈 35 层

[72] ZHU, GENGLIANG 朱耿良

[74] 集佳知識產權有限公司  
香港  
九龍旺角洗衣街 39-55 號  
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[51] H04L 12/26 [11] 40053558  
H04L 29/08 CN113518119 A  
[13] A

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[51] H04L 12/46 [11] 40053678  
H04W 12/08 EP3896919 A1  
[13] A

[25] ZH  
[21] 62021041976.3 [22] 05.11.2021

[86] 06.12.2019 PCT/CN2019/123586  
[87] 18.06.2020 WO2020/119596  
[30] 14.12.2018 CN, 201811537222

[54] METHOD FOR ENSURING DATA DELIVERY AND COMMUNICATION DEVICE  
數據傳送的保障方法及通信設備

[71] VIVO MOBILE COMMUNICATION CO., LTD.  
維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] KE, Xiaowan 柯小婉

[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] | H04L 12/58<br>H04N 7/14 | [11] | 40053578<br>CN113542653 A |
|      |                         | [13] | A                         |

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|------|--------------------------|------|---------------------------|
| [51] | H04L 12/58<br>H04L 29/08 | [11] | 40053601<br>CN113572802 A |
|      |                          | [13] | A                         |

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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | H04L 12/58<br>H04L 29/12 | [11] | 40053611<br>CN113572864 A |
|      |                          | [13] | A                         |

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|------|------------------------------------------------------|------|---------------------------|
| [51] | H04L 12/58<br>H04L 12/18<br>G08B 25/01<br>G08B 25/08 | [11] | 40053615<br>CN113542101 A |
|      |                                                      | [13] | A                         |

[25] ZH

[21] 42021043652.3 [22] 03.12.2021

[54] METHOD FOR SENDING AND RESPONDING TO HELP INFORMATION,  
APPARATUS AND STORAGE MEDIUM  
一種求助信息的發送、響應方法、裝置和存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District, Shenzhen, Guangdong, 518057  
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518057 广东省深圳市南山区高新区科技中一路  
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[72] HE, FEN 何芬  
LI, SIHUA 李思華  
LI, RONG 李榕  
XIANG, WEI 向威  
LIU, HANQUAN 劉漢全  
LIN, FENG 林鋒

ZHONG, QINGHUA 钟庆华

LIU, LIQIANG 刘立强

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

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| [51] | H04L 29/06 | [11] | 40053422    |
|      | H04L 9/08  |      | GB2588867 A |
|      |            | [13] | A           |

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| [51] | H04L 29/06 | [11] | 40053458      |
|      | H04L 29/08 |      | CN112929403 A |
|      |            | [13] | A             |

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| [51] | H04L 29/06 | [11] | 40053559      |
|      | H04L 29/08 |      | CN113489770 A |
|      |            | [13] | A             |

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| [51] | H04L 29/06 | [11] | 40053594      |
|      | H04L 9/08  |      | CN113556227 A |
|      |            | [13] | A             |

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| [51] | H04L 29/06 | [11] | 40053595      |
|      | H04L 29/08 |      | CN113556387 A |
|      |            | [13] | A             |

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| [51] | H04L 29/06 | [11] | 40053607      |
|      | H04L 29/12 |      | CN113518085 A |
|      | H04W 28/06 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021043644.0 [22] 03.12.2021

[54] MULTI-TUNNEL BASED DATA TRANSMISSION METHOD, AND RELATED DEVICE

一種基於多通道的數據傳輸方法以及相關裝置

[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park

Nanshan District, Shenzhen, Guangdong, 518057

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[72] SUN, FEIHU 孙飞虎

ZHANG, DAN 张丹

HAO, JINGJING 郝晶晶

NING, BINHUI 宁斌晖

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金雞廣場 12 層 1201 室

[51] H04L 29/06

G06K 19/073

[11] 40053759

CN113692729 A

[13] A

[25] JA

[21] 62021043056.2

[22] 25.11.2021

[86] 13.04.2020 PCT/JP2020/016250

[87] 29.10.2020 WO2020/218050

[30] 26.04.2019 JP, 2019-085373

[54] INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD,  
AND PROGRAM

信息處理設備、信息處理方法和程序

[71] FELICA NETWORKS, INC.

飞力凯网路股份有限公司

GATE CITY OSAKI WEST TOWER 1-11-1

OSAKI SHINAGAWA-KU, TOKYO, 141-0032

JAPAN

[72] TAKEUCHI YASUO 竹内康雄

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

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[51] H04L 29/08

H04L 9/08

[11] 40053422

GB2588867 A

[13] A

[51] H04L 29/08

H04L 29/06

[11] 40053458

CN112929403 A

[13] A



[25] ZH  
[21] 42021042547.6 [22] 16.11.2021  
[30] 06.12.2019 EP,19214192.7  
[54] METHOD FOR SECURELY CONNECTING A WATCH TO A REMOTE SERVER  
用於將手錶安全地連接至遠程服務器的方法  
[71] TISSOT S.A.  
CHEMIN DES TOURELLES 17  
2400 LE LOCLE  
SWITZERLAND  
[72] FRANZI Edoardo  
[74] FEDERATION OF HONG KONG INDUSTRIES  
31/F, Billion Plaza  
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HONG KONG

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[51] H04L 29/08 [11] 40053558  
H04L 12/26 CN113518119 A  
H04L 12/24  
[13] A  
[25] ZH  
[21] 42021043262.1 [22] 29.11.2021  
[54] SERVICE DISTRIBUTION METHOD AND DEVICE BASED ON ABTEST,  
APPARATUS, AND STORAGE MEDIUM  
ABTEST 的服務分發方法、裝置、設備及存儲介質  
[71] ONE CONNECT SMART TECHNOLOGY CO., LTD. (SHENZHEN)  
深圳壹賬通智能科技有限公司  
中國  
廣東省深圳市前海深港合作區  
前灣一路1號A棟201室, 郵編 518000  
[72] 劉根生  
[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] H04L 29/08 [11] 40053559  
H04L 29/06 CN113489770 A  
H04L 12/24  
[13] A  
[25] ZH  
[21] 42021043263.9 [22] 29.11.2021  
[54] COMMUNICATION METHOD BETWEEN CONTAINERS, ELECTRONIC DEVICE  
AND COMPUTER-READABLE STORAGE MEDIUM  
容器間的通信方法、電子設備和計算機可讀存儲介質

[71] ONE CONNECT SMART TECHNOLOGY CO., LTD. (SHENZHEN)  
深圳壹賬通智能科技有限公司  
中國  
廣東省深圳市前海深港合作區  
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[72] 鄭如剛

[74] 中一聯合國際知識產權有限公司  
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|------|------------|------|---------------|
| [51] | H04L 29/08 | [11] | 40053594      |
|      | H04L 9/08  |      | CN113556227 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/08 | [11] | 40053595      |
|      | H04L 29/06 |      | CN113556387 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043630.9 [22] 03.12.2021

[54] EDGE GATEWAY CONTROL METHOD, SYSTEM AND APPARATUS, ELECTRONIC  
DEVICE AND STORAGE MEDIUM  
邊緣網關控制方法及系統、裝置、電子設備、存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District, Shenzhen, Guangdong, 518057  
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中國  
518057 廣東省深圳市南山區高新區科技中一路  
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[72] WANG, XIAOCHEN 王曉晨

[74] 集佳知識產權有限公司  
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|      |            |      |               |
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| [51] | H04L 29/08 | [11] | 40053601      |
|      | H04L 12/58 |      | CN113572802 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043637.4 [22] 03.12.2021

[54] METHOD AND APPARATUS FOR CONTROLLING OBJECT FLOW AND MEDIUM  
對象流量的控制方法、裝置及介質

[71] Tencent Technology (Shenzhen) Company Limited  
腾讯科技(深圳)有限公司  
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[72] MA, HAOFENG 马浩峰  
YIN, PENGDA 尹鹏达  
ZHENG, AISI 郑艾思  
LIN, YUE 林岳

[74] 集佳知識產權有限公司  
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|      |            |      |               |
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| [51] | H04L 29/08 | [11] | 40053611      |
|      | H04L 29/12 |      | CN113572864 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/08 | [11] | 40053612      |
|      | H04L 29/12 |      | CN113572835 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043649.9 [22] 03.12.2021

[54] DATA PROCESSING METHOD, NETWORK ELEMENT DEVICE, AND READABLE  
STORAGE MEDIUM  
一種數據處理方法、網元設備以及可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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35/F, Tencent Building  
Kejizhongyi Road, Midwest District of Hi-tech Park  
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[72] ZHANG, ZHUOYUN 张卓筠

[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] | H04L 29/08 | [11] | 40053653      |
|      | H04L 12/24 |      | CN113518005 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/12 | [11] | 40053607      |
|      | H04L 29/06 |      | CN113518085 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04L 29/12 | [11] | 40053611      |
|      | H04L 12/58 |      | CN113572864 A |
|      | H04L 29/08 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021043648.1 [22] 03.12.2021

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

一種數據處理方法、網元設備以及可讀存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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| [51] | H04L 29/12 | [11] | 40053612      |
|      | H04L 29/08 |      | CN113572835 A |
|      |            | [13] | A             |

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| [51] | H04L 9/06  | [11] | 40053596      |
|      | H04W 12/06 |      | CN113543131 A |

[13] A

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[51] H04L 9/08 [11] 40053422  
H04L 29/06 GB2588867 A  
H04L 29/08  
H04W 4/70  
H04W 12/0431  
H04W 12/069

[13] A

[25] EN  
[21] 42021042445.3 [22] 12.11.2021  
[30] 28.10.2013 US, 14/064, 618  
[54] A SET OF SERVERS FOR "MACHINE-TO-MACHINE" COMMUNICATIONS  
USING PUBLIC KEY INFRASTRUCTURE  
使用公鑰基礎設施進行“機器到機器”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.  
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[51] H04L 9/08 [11] 40053594  
H04L 29/06 CN113556227 A  
H04L 29/08

[13] A

[25] ZH  
[21] 42021043629.1 [22] 03.12.2021  
[54] NETWORK CONNECTION MANAGEMENT METHOD AND APPARATUS, COMPUTER  
READABLE MEDIUM AND ELECTRONIC DEVICE  
網絡連接管理方法、裝置、計算機可讀介質及電子設備  
[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
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[74] 集佳知識產權有限公司  
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|------|------------|------|---------------|
| [51] | H04L 9/32  | [11] | 40053596      |
|      | H04W 12/06 |      | CN113543131 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | H04L 9/32  | [11] | 40053653      |
|      | H04L 12/24 |      | CN113518005 A |
|      |            | [13] | A             |

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|------|---------------------------------------------------------------------------------------------------------------------|------|---------------|
| [51] | H04N 21/2187                                                                                                        | [11] | 40053514      |
|      | H04N 21/431                                                                                                         |      | CN113490010 A |
|      |                                                                                                                     | [13] | A             |
| [25] | ZH                                                                                                                  |      |               |
| [21] | 42021043094.8                                                                                                       | [22] | 25.11.2021    |
| [54] | INTERACTION METHOD, DEVICE, EQUIPMENT AND STORAGE MEDIUM<br>BASED ON LIVE BROADCAST VIDEO<br>基於直播視頻的互動方法、裝置、設備及存儲介質 |      |               |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 徐冬博<br>蔡欽童                                                                                                          |      |               |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                                         |      |               |

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|------|--------------|------|---------------|
| [51] | H04N 21/2187 | [11] | 40053515      |
|      | H04N 21/262  |      | CN113518237 A |
|      | H04N 21/472  |      |               |
|      | H04N 21/475  |      |               |
|      | H04N 21/478  |      |               |
|      | H04N 21/482  |      |               |
|      | H04N 21/81   |      |               |
|      |              | [13] | A             |
| [25] | ZH           |      |               |

[21] 42021043095.5 [22] 25.11.2021

[54] VOICE LIVE BROADCAST METHOD, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM  
語音直播方法、裝置、計算機設備及存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] 張艷軍  
武斌

[74] 香港派特恩知識產權代理有限公司  
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[51] H04N 21/2187 [11] 40053654  
H04N 21/431 CN113542845 A  
[13] A

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[51] H04N 21/2187 [11] 40053656  
H04N 21/431 CN113596490 A  
H04N 21/472  
H04N 21/4788  
[13] A

[25] ZH

[21] 42021044229.9 [22] 09.12.2021

[54] LIVE BROADCAST INTERACTION METHOD, DEVICE AND STORAGE MEDIUM AND ELECTRONIC EQUIPMENT  
直播互動方法、裝置和存儲介質及電子設備

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] 朱明媛

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[51] H04N 21/234 [11] 40053654  
H04N 21/431 CN113542845 A

[13] A

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[51] H04N 21/235 [11] 40053654  
H04N 21/431 CN113542845 A  
[13] A

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[51] H04N 21/262 [11] 40053515  
H04N 21/2187 CN113518237 A  
[13] A

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[51] H04N 21/262 [11] 40053606  
H04N 21/4788 CN113573154 A  
[13] A

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[51] H04N 21/262 [11] 40053654  
H04N 21/431 CN113542845 A  
[13] A

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[51] H04N 21/43 [11] 40053606  
H04N 21/4788 CN113573154 A  
[13] A

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[51] H04N 21/431 [11] 40053513  
H04N 21/44 CN113518256 A  
H04N 21/4402  
H04N 21/441  
H04N 21/845  
[13] A

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[25] ZH

[21] 42021043092.2 [22] 25.11.2021

[54] VIDEO PROCESSING METHOD, DEVICE, ELECTRONIC EQUIPMENT AND  
COMPUTER READABLE STORAGE MEDIUM  
視頻處理方法、裝置、電子設備及計算機可讀存儲介質

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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[72] 尚鑫雨  
俞一鵬  
孫子荀

[74] 香港派特恩知識產權代理有限公司  
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| [51] | H04N 21/431  | [11] | 40053514      |
|      | H04N 21/2187 |      | CN113490010 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04N 21/431  | [11] | 40053606      |
|      | H04N 21/4788 |      | CN113573154 A |
|      |              | [13] | A             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04N 21/431  | [11] | 40053654      |
|      | H04N 21/2187 |      | CN113542845 A |
|      | H04N 21/4788 |      |               |
|      | H04N 21/262  |      |               |
|      | H04N 21/472  |      |               |
|      | H04N 21/234  |      |               |
|      | H04N 21/235  |      |               |
|      |              | [13] | A             |

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[25] ZH

[21] 42021044193.7 [22] 09.12.2021

[54] INFORMATION DISPLAY METHOD, APPARATUS, DEVICE AND STORAGE MEDIUM

一種信息展示方法、裝置、設備及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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Kejizhongyi Road, Midwest District of Hi-tech Park  
Nanshan District, Shenzhen, Guangdong, 518057  
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[72] YU, ZI QIANG 余自強

[74] 集佳知識產權有限公司  
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[51] H04N 21/431 [11] 40053656  
H04N 21/2187 CN113596490 A  
[13] A

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[51] H04N 21/439 [11] 40053642  
H04N 21/44 CN113573136 A  
[13] A

[25] ZH

[21] 42021044126.7 [22] 09.12.2021

[54] VIDEO PROCESSING METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM

視頻處理方法、裝置、計算機設備和存儲介質

[71] Tencent Technology (Shenzhen) Company Limited

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[72] FENG, XIN 馮鑫

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[51] H04N 21/44 [11] 40053513  
H04N 21/431 CN113518256 A  
[13] A

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[51] H04N 21/44 [11] 40053642  
H04N 21/439 CN113573136 A  
[13] A

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[51] H04N 21/4402 [11] 40053513  
H04N 21/431 CN113518256 A  
[13] A

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[51] H04N 21/441 [11] 40053513  
H04N 21/431 CN113518256 A  
[13] A

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[51] H04N 21/466 [11] 40053606  
H04N 21/4788 CN113573154 A  
[13] A

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[51] H04N 21/472 [11] 40053515  
H04N 21/2187 CN113518237 A  
[13] A

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[51] H04N 21/472 [11] 40053583  
H04N 21/482 CN113518264 A  
[13] A

[25] ZH

[21] 42021043617.6 [22] 03.12.2021

[54] INTERACTIVE METHOD AND APPARATUS, TERMINAL AND STORAGE MEDIUM  
互動方法、裝置、終端及存儲介質

[71] Tencent Technology (Shenzhen) Company Limited  
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Nanshan District, Shenzhen, Guangdong, 518057  
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中國  
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[72] TANG, AINI 唐艾妮

[74] 集佳知識產權有限公司  
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[51] H04N 21/472 [11] 40053654  
H04N 21/431 CN113542845 A  
[13] A

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[51] H04N 21/472 [11] 40053656  
H04N 21/2187 CN113596490 A  
[13] A

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|      |                                                                                                            |      |                           |
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| [51] | H04N 21/4728<br>H04N 21/488                                                                                | [11] | 40053493<br>CN113542892 A |
|      |                                                                                                            | [13] | A                         |
| [25] | ZH                                                                                                         |      |                           |
| [21] | 42021043035.1                                                                                              | [22] | 25.11.2021                |
| [54] | TARGET OBJECT LOCKING METHOD AND DEVICE, STORAGE MEDIUM AND ELECTRONIC EQUIPMENT<br>目標對象的鎖定方法和裝置、存儲介質及電子設備 |      |                           |
| [71] | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED<br>騰訊科技(深圳)有限公司<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] | 叶金添                                                                                                        |      |                           |
| [74] | 香港派特恩知識產權代理有限公司<br>香港<br>上環永樂街 121-125 號<br>永達商業大廈 10 樓 C 室                                                |      |                           |

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|------|-----------------------------|------|---------------------------|
| [51] | H04N 21/475<br>H04N 21/2187 | [11] | 40053515<br>CN113518237 A |
|      |                             | [13] | A                         |

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|      |                             |      |                           |
|------|-----------------------------|------|---------------------------|
| [51] | H04N 21/478<br>H04N 21/2187 | [11] | 40053515<br>CN113518237 A |
|      |                             | [13] | A                         |

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|      |                                                                                              |      |                           |
|------|----------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | H04N 21/4788<br>H04N 21/262<br>H04N 21/43<br>H04N 21/431<br>H04N 21/482<br>H04N 21/466       | [11] | 40053606<br>CN113573154 A |
|      |                                                                                              | [13] | A                         |
| [25] | ZH                                                                                           |      |                           |
| [21] | 42021043643.2                                                                                | [22] | 03.12.2021                |
| [54] | MULTIMEDIA DATA PLAY METHOD AND APPARATUS, DEVICE AND STORAGE MEDIUM<br>多媒體數據播放方法、裝置、設備及存儲介質 |      |                           |
| [71] | Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司                                |      |                           |

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[72] SHA,SHA 沙莎

XIAO,XIANMIN 肖仙敏

CHEN,XUEDAN 陈雪丹

[74] 集佳知識產權有限公司

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[51] H04N 21/4788  
H04N 21/431

[11] 40053654  
CN113542845 A  
[13] A

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[51] H04N 21/4788  
H04N 21/2187

[11] 40053656  
CN113596490 A  
[13] A

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[51] H04N 21/482  
H04N 21/2187

[11] 40053515  
CN113518237 A  
[13] A

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[51] H04N 21/482  
H04N 21/472

[11] 40053583  
CN113518264 A  
[13] A

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[51] H04N 21/482  
H04N 21/4788

[11] 40053606  
CN113573154 A  
[13] A

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[51] H04N 21/488  
H04N 21/4728

[11] 40053493  
CN113542892 A  
[13] A

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[51] H04N 21/81 [11] 40053515  
H04N 21/2187 CN113518237 A  
[13] A

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[51] H04N 21/845 [11] 40053513  
H04N 21/431 CN113518256 A  
[13] A

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[51] H04N 5/225 [11] 40053533  
B62D 63/02 CN112887529 A  
G06K 19/06  
H04N 5/262  
H04N 5/265  
[13] A

[25] ZH

[21] 42021043122.7 [22] 25.11.2021

[30] 12.08.2020 US,63/064,652  
29.09.2020 US,17/036,787

[54] AUTONOMOUS 2D DATACENTER RACK IMAGER  
自主 2D 數據中心機架成像器

[71] Google LLC  
1600 Amphitheatre Parkway  
Mountain View, CA 94043  
UNITED STATES OF AMERICA

[72] Christopher James COOMES  
John ZEVENBERGEN  
Nivedita RAVI  
Joseph REICHENBACH

[74] CHINA SINDA INTELLECTUAL PROPERTY LIMITED  
Suite 3301, One Exchange Square, Central  
HONG KONG

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[51] H04N 5/262 [11] 40053533  
H04N 5/225 CN112887529 A  
[13] A

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[51] H04N 5/265 [11] 40053533  
H04N 5/225 CN112887529 A  
[13] A

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[51] H04N 7/14 [11] 40053578  
H04L 12/58 CN113542653 A  
G06Q 20/06  
[13] A

[25] ZH  
[21] 42021043612.7 [22] 03.12.2021

[54] VIRTUAL ITEM INTERACTION METHOD  
一種虛擬物品交互方法

[71] Tencent Technology (Shenzhen) Company Limited  
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[51] H04Q 9/00 [11] 40053721  
H01M 50/244 CN113597704 A  
[13] A

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[51] H04R 3/02 [11] 40053760  
CN112840670 A  
[13] A

[25] EN  
[21] 62021043057.0 [22] 25.11.2021

[86] 09.09.2019 PCT/US2019/050241  
[87] 12.03.2020 WO2020/051593  
[30] 07.09.2018 US, 62/728,284  
31.05.2019 US, 62/855,800

[54] DYNAMIC ENVIRONMENTAL OVERLAY INSTABILITY DETECTION AND  
SUPPRESSION IN MEDIA-COMPENSATED PASS-THROUGH DEVICES  
媒體補償直通裝置中的動態環境疊加不穩定性檢測及抑制

[71] DOLBY LABORATORIES LICENSING CORPORATION  
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[72] DICKINS, Glenn N. G·N·迪金斯  
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BROWN, C. Phillip C·P·布朗  
WILLIAMS, Phillip P·威廉斯

[74] LI Wing Hong  
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|------|-----------|------|---------------|
| [51] | H04R 3/12 | [11] | 40053421      |
|      | H04S 7/00 |      | CN113490133 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | H04R 5/02 | [11] | 40053421      |
|      | H04S 7/00 |      | CN113490133 A |
|      |           | [13] | A             |

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|------|-----------|------|---------------|
| [51] | H04S 7/00 | [11] | 40053421      |
|      | H04R 3/12 |      | CN113490133 A |
|      | H04R 5/02 |      |               |
|      |           | [13] | A             |

[25] ZH

[21] 42021042444.6 [22] 12.11.2021

[30] 23.03.2010 US, 61/316,579

[54] AUDIO REPRODUCTION METHOD AND SOUND REPRODUCTION SYSTEM  
音頻再現方法和聲音再現系統

[71] DOLBY LABORATORIES LICENSING CORPORATION  
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[72] CHRISTOPHE CHABANNE C·查巴尼  
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[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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|------|------------|------|--------------|
| [51] | H04W 12/00 | [11] | 40053663     |
|      | H04W 12/04 |      | EP3808120 A1 |
|      | H04W 52/00 |      |              |



[13] A

[25] EN

[21] 62021038970.1 [22] 16.09.2021

[86] 12.06.2019 PCT/IB2019/054909

[87] 19.12.2019 WO2019/239343

[30] 12.06.2018 US, 62/683,677

[54] POWER COUPLING MODULATION TRANSMISSION  
電力耦合調制傳輸[71] IMPULSE DYNAMICS N.V.  
Schottegatweg Oost 10, Willemstad, Curaçao[72] PRUTCHI, David  
MEYERS, Jason[74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre  
151 Gloucester Road, Wanchai  
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|      |            |      |              |
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| [51] | H04W 12/04 | [11] | 40053663     |
|      | H04W 12/00 |      | EP3808120 A1 |
|      |            | [13] | A            |

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|------|--------------|------|-------------|
| [51] | H04W 12/0431 | [11] | 40053422    |
|      | H04L 9/08    |      | GB2588867 A |
|      |              | [13] | A           |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H04W 12/0431 | [11] | 40053596      |
|      | H04W 12/06   |      | CN113543131 A |
|      |              | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04W 12/06 | [11] | 40053440      |
|      | G08B 21/02 |      | CN113470307 A |
|      |            | [13] | A             |

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|------|--------------|------|---------------|
| [51] | H04W 12/06   | [11] | 40053596      |
|      | H04L 9/06    |      | CN113543131 A |
|      | H04L 9/32    |      |               |
|      | H04W 12/0431 |      |               |
|      | H04W 12/069  |      |               |
|      | H04W 76/10   |      |               |
|      |              | [13] | A             |

[25] ZH  
[21] 42021043631.7 [22] 03.12.2021

[54] NETWORK CONNECTION MANAGEMENT METHOD AND APPARATUS, COMPUTER  
READABLE MEDIUM AND ELECTRONIC DEVICE

網絡連接管理方法、裝置、計算機可讀介質及電子設備

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|------|-------------|------|-------------|
| [51] | H04W 12/069 | [11] | 40053422    |
|      | H04L 9/08   |      | GB2588867 A |
|      |             | [13] | A           |

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|      |             |      |               |
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| [51] | H04W 12/069 | [11] | 40053596      |
|      | H04W 12/06  |      | CN113543131 A |
|      |             | [13] | A             |

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|------|------------|------|--------------|
| [51] | H04W 12/08 | [11] | 40053678     |
|      | H04L 12/46 |      | EP3896919 A1 |
|      |            | [13] | A            |

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|------|------------|------|---------------|
| [51] | H04W 16/20 | [11] | 40053424      |
|      | H04W 16/22 |      | CN112804691 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021042449.5 [22] 12.11.2021

[54] INDOOR DISTRIBUTED SYSTEM AND SIGNAL TRANSMISSION METHOD

室內分佈系統和信號傳輸方法

[71] COMBA NETWORK SYSTEMS COMPANY LIMITED

京信網絡系統股份有限公司

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[72] LAI, Quan 賴權  
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ZHOU, Jingqing 周進青  
LI, Xin 李馨

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|------|------------|------|---------------|
| [51] | H04W 16/22 | [11] | 40053424      |
|      | H04W 16/20 |      | CN112804691 A |
|      |            | [13] | A             |

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|------|------------|------|---------------|
| [51] | H04W 24/02 | [11] | 40053609      |
|      | H04W 56/00 |      | CN113556763 A |
|      | H04W 76/11 |      |               |
|      | H04W 76/30 |      |               |
|      |            | [13] | A             |

[25] ZH

[21] 42021043646.5 [22] 03.12.2021

[54] METHOD FOR REALIZING DATA TRANSMISSION FOR TIME-SENSITIVE  
NETWORK, RELATED DEVICE, AND MEDIUM  
實現時間敏感網絡的數據傳輸的方法、相關設備及介質

[71] Tencent Technology (Shenzhen) Company Limited  
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[72] WANGTAO 王濤

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九龍旺角洗衣街 39-55 號  
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|------|------------|------|---------------|
| [51] | H04W 24/02 | [11] | 40053610      |
|      | H04W 28/02 |      | CN113543177 A |
|      |            | [13] | A             |

[25] ZH

[21] 42021043647.3 [22] 03.12.2021

[54] COMMUNICATION METHOD AND APPARATUS, COMPUTER READABLE MEDIUM,  
AND ELECTRONIC DEVICE  
通信方法、裝置、計算機可讀介質及電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
騰訊科技(深圳)有限公司  
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[51] H04W 24/02 [11] 40053614  
H04W 4/06 CN113490155 A  
[13] A

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[51] H04W 28/02 [11] 40053610  
H04W 24/02 CN113543177 A  
[13] A

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[51] H04W 28/06 [11] 40053607  
H04L 29/06 CN113518085 A  
[13] A

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[51] H04W 28/10 [11] 40053428  
H04W 8/18 CN112911579 A  
[13] A

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[51] H04W 36/30 [11] 40053484  
H04W 40/22 CN112867095 A  
[13] A

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[51] H04W 4/021 [11] 40053440  
G08B 21/02 CN113470307 A  
[13] A

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[51] H04W 4/06 [11] 40053613  
H04W 72/04 CN113490156 A  
[13] A

[25] ZH

[21] 42021043650.7 [22] 03.12.2021

[54] COMMUNICATION METHOD AND APPARATUS FOR MULTICAST BROADCASTING  
SERVICE, MEDIUM, AND ELECTRONIC DEVICE  
多播廣播業務的通信方法、裝置、介質及電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
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[51] H04W 4/06 [11] 40053614  
H04W 24/02 CN113490155 A  
[13] A

[25] ZH

[21] 42021043651.5 [22] 03.12.2021

[54] COMMUNICATION METHOD AND APPARATUS FOR MULTICAST BROADCASTING  
SERVICE, MEDIUM, AND ELECTRONIC DEVICE  
多播廣播業務的通信方法、裝置、介質及電子設備

[71] Tencent Technology (Shenzhen) Company Limited  
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[74] 集佳知識產權有限公司  
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| [51] | H04W 4/10  | [11] | 40053484      |
|      | H04W 40/22 |      | CN112867095 A |
|      |            | [13] | A             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | H04W 4/40  | [11] | 40053440      |
|      | G08B 21/02 |      | CN113470307 A |
|      |            | [13] | A             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04W 4/46  | [11] | 40053713     |
|      | H04W 72/04 |      | EP3905820 A1 |
|      |            | [13] | A            |

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|------|-----------|------|-------------|
| [51] | H04W 4/70 | [11] | 40053422    |
|      | H04L 9/08 |      | GB2588867 A |
|      |           | [13] | A           |

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|------|------------|------|---------------|
| [51] | H04W 40/22 | [11] | 40053484      |
|      | H04W 36/30 |      | CN112867095 A |
|      | H04W 4/10  |      |               |
|      | H04W 88/04 |      |               |
|      |            | [13] | A             |

[25] ZH

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021042771.2 | [22] | 22.11.2021 |
|------|---------------|------|------------|

[54] SWITCHING BETWEEN NETWORK BASED AND RELAY BASED OPERATION FOR  
MISSION CRITICAL VOICE CALL  
用於任務關鍵的語音呼叫的基於網絡的操作與基於中繼的操作之間的切換

[71] BLACKBERRY LIMITED  
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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|
| [51] | H04W 48/20<br>H04B 7/06<br>H04W 88/06                                                                                                                                | [11] | 40053711<br>CN113273253 A |
|      |                                                                                                                                                                      | [13] | A                         |
| [25] | EN                                                                                                                                                                   |      |                           |
| [21] | 62021042731.1                                                                                                                                                        | [22] | 19.11.2021                |
| [86] | 27.12.2019 PCT/US2019/068744                                                                                                                                         |      |                           |
| [87] | 09.07.2020 WO2020/142375                                                                                                                                             |      |                           |
| [30] | 03.01.2019 US,62/787,937<br>26.12.2019 US,16/727,678                                                                                                                 |      |                           |
| [54] | BEAM FAILURE RECOVERY MECHANISM FOR SECONDARY CELL<br>用於輔小區的恢復機制                                                                                                     |      |                           |
| [71] | QUALCOMM Incorporated<br>高通股份有限公司<br>5775 Morehouse Drive, San Diego<br>California 92121-1714<br>UNITED STATES OF AMERICA                                            |      |                           |
| [72] | VENUGOPAL, Kiran K·文努戈帕尔<br>RYU, Jung Ho J·H·刘<br>JOHN WILSON, Makesh Pravin M·P·约翰威尔逊<br>LUO, Tao 骆涛                                                                |      |                           |
| [74] | NTD PATENT & TRADE MARK AGENCY LIMITED<br>Units 1805-6, 18/F, Greenfield Tower, Concordia Plaza<br>No. 1 Science Museum Road, Tsimshatsui East, Kowloon<br>HONG KONG |      |                           |

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| [51] | H04W 52/00<br>H04W 12/00 | [11] | 40053663<br>EP3808120 A1 |
|      |                          | [13] | A                        |

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|------|--------------------------|------|---------------------------|
| [51] | H04W 56/00<br>H04W 24/02 | [11] | 40053609<br>CN113556763 A |
|      |                          | [13] | A                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | H04W 72/04<br>H04W 4/06 | [11] | 40053613<br>CN113490156 A |
|      |                         | [13] | A                         |

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- [51] H04W 72/04 [11] 40053713  
H04W 4/46 EP3905820 A1  
H04L 1/18  
[13] A
- [25] ZH
- [21] 62021042733.7 [22] 19.11.2021
- [86] 10.01.2020 PCT/CN2020/071375
- [87] 16.07.2020 WO2020/143755
- [30] 11.01.2019 CN,201910028414
- [54] CONTROL INFORMATION SENDING METHOD AND RECEIVING METHOD,  
TERMINAL, AND NETWORK SIDE DEVICE  
控制信息發送方法、接收方法、終端及網絡側設備
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- [51] H04W 76/10 [11] 40053596  
H04W 12/06 CN113543131 A  
[13] A
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- [51] H04W 76/11 [11] 40053609  
H04W 24/02 CN113556763 A  
[13] A
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- [51] H04W 76/30 [11] 40053609  
H04W 24/02 CN113556763 A  
[13] A
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[51] H04W 8/18 [11] 40053428  
H04W 28/10 CN112911579 A  
[13] A

[25] ZH

[21] 42021042461.0 [22] 14.11.2021

[54] METHOD FOR SHARING DATA USAGE ON MULTIPLE NETWORK DEVICES  
在多個網絡裝置上共享數據使用的方法

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[74] ZHAO Yu  
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[51] H04W 88/04 [11] 40053484  
H04W 40/22 CN112867095 A  
[13] A

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[51] H04W 88/06 [11] 40053711  
H04W 48/20 CN113273253 A  
[13] A

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[51] H05B 3/00 [11] 40053738  
A24F 47/00 EP3829366 A1  
[13] A

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[51] H05B 6/10 [11] 40053573  
A24F 40/465 EP3871521 A1  
[13] A

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[51] H05K 1/16 [11] 40053707  
H01P 1/203 CN113228409 A  
[13] A

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[51] H05K 7/20 [11] 40053572

CN113099683 A

[13] A

[25] ZH

[21] 42021043328.0

[22] 30.11.2021

[30] 23.12.2019 US,16/725,330

[54] FLUID DIVERTING HEAT SINK  
一種流體分流散熱器

[71] GOOGLE LLC

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[72] ZUO, Xu 左旭

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## 2. 按發表編號排列

## Arranged by Publication Number

40053413 - 40053762

| [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                                                                                                                                                                                                                                                                 |
| 40053413        | CN112750450                                    | G10L 21/0208, G10L 21/0272,<br>B60W 30/09, B60W 30/095,<br>B60T 7/22, B60R 16/02                                                                                                                                                                                                                          |
| 40053414        | CN112744047                                    | B60H 1/00                                                                                                                                                                                                                                                                                                 |
| 40053415        | CN112747944                                    | G01M 17/04, G01H 17/00,<br>G08B 21/18                                                                                                                                                                                                                                                                     |
| 40053416        | CN113392236                                    | G06F 16/45                                                                                                                                                                                                                                                                                                |
| 40053417        | CN113407663                                    | G06F 16/33, G06F 40/211,<br>G06F 40/186, G06N 3/04                                                                                                                                                                                                                                                        |
| 40053418        | CN113392639                                    | G06F 40/258, G06F 40/289,<br>G06N 3/04                                                                                                                                                                                                                                                                    |
| 40053419        | CN112773236                                    | A47K 10/24                                                                                                                                                                                                                                                                                                |
| 40053420        | CN113546084                                    | A61K 31/5685, A61K 31/453,<br>A61K 38/24, A61P 5/26, A61P<br>15/00, A61P 15/10, A61P<br>9/00, A61P 25/24, A61P<br>19/10, A61P 21/00, A61P<br>3/04, A61P 3/06, A61P<br>25/28, A61P 17/14, A61P<br>15/08, A61P 15/14, A61P<br>7/06, A61P 3/02, A61P 3/10,<br>A61P 5/50, A61P 25/20, A61P<br>9/10, A61P 9/12 |
| 40053421        | CN113490133                                    | H04S 7/00, H04R 3/12, H04R<br>5/02                                                                                                                                                                                                                                                                        |
| 40053422        | GB2588867                                      | H04L 9/08, H04L 29/06, H04L<br>29/08, H04W 4/70, H04W<br>12/0431, H04W 12/069                                                                                                                                                                                                                             |
| 40053423        | CN112927130                                    | G06T 3/40, G06T 7/00, G06T<br>7/90, G06T 13/80                                                                                                                                                                                                                                                            |
| 40053424        | CN112804691                                    | H04W 16/20, H04W 16/22                                                                                                                                                                                                                                                                                    |
| 40053425        | CN113549303                                    | C08L 67/00, C08K 3/40, C08K<br>3/36, C08K 7/28, C08K 3/26,                                                                                                                                                                                                                                                |

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|          |             | C08K 3/34, C08K 3/22, C08K 13/04, C09D 167/00, C09D 7/61                                 |
| 40053426 | CN112795620 | C12Q 1/6806, C12N 15/10, C40B 50/06                                                      |
| 40053427 | CN112795990 | C40B 80/00, C40B 50/06, C12Q 1/6806, C12N 15/10, G16B 20/50                              |
| 40053428 | CN112911579 | H04W 8/18, H04W 28/10                                                                    |
| 40053429 | EP3831839   | C07J 63/00, C12N 9/50, A61K 31/575, A61K 31/56, A61K 31/58, A61P 31/18                   |
| 40053430 | CN113045654 | C07K 16/28, C12N 15/13, A61K 39/395, A61K 45/06, A61P 35/00                              |
| 40053431 | CN113045655 | C07K 16/28, C12N 15/13, A61K 39/395, A61K 45/06, A61P 35/00                              |
| 40053432 | CN112791308 | A61N 1/30, A61N 1/32, A61N 5/06, A61M 37/00, A61H 7/00, A61H 23/02, A61N 1/36, A61F 7/00 |
| 40053433 | EP3831378   | A61K 31/397, A61K 9/20, A61P 21/00, A61P 25/28, A61P 37/00                               |
| 40053434 | EP3851537   | C12N 15/86, A61K 48/00, C12N 9/10, A61K 38/45, A61P 1/16                                 |
| 40053435 | EP3851100   | A61K 31/195, A61P 9/04                                                                   |
| 40053436 | CN113243983 | A61B 18/02                                                                               |
| 40053437 | EP3905211   | G08B 21/12, G08B 27/00                                                                   |
| 40053438 | EP3858574   | B29C 45/14, B29D 35/00                                                                   |
| 40053439 | EP3838195   | A61B 17/56, A61F 2/30                                                                    |
| 40053440 | CN113470307 | G08B 21/02, H04W 4/021, H04W 4/40, H04W 12/06                                            |
| 40053441 | CN113467614 | G06F 3/01, G06F 3/0481, G06F 3/0482                                                      |
| 40053442 | CN113440425 | A61K 8/34, A61K 8/86, A61K 8/73, A61K 8/81, A61K 8/02, A61K 8/04, A61Q 19/08             |
| 40053443 | CN113470057 | G06T 7/136, G06N 3/04, G06N 3/08                                                         |
| 40053444 | EP3869550   | H01L 23/40                                                                               |
| 40053445 | CN112925091 | G02B 21/36                                                                               |
| 40053446 | CN113462019 | C08K 3/013, C08K 5/00, G02B 1/04, G02C 7/04                                              |
| 40053447 | EP3845080   | A24F 40/40, A24F 40/50                                                                   |

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| 40053448 | EP3850964   | A24F 40/50, A61M 15/06,<br>A61M 11/04                                                                                                                                                                                                                                                                                                   |
| 40053449 | CN113385363 | B05C 1/08                                                                                                                                                                                                                                                                                                                               |
| 40053450 | CN112925090 | G02B 21/36                                                                                                                                                                                                                                                                                                                              |
| 40053451 | EP3851115   | A61K 35/745, A61K 35/747,<br>A23L 33/135, A61K 9/48,<br>A61P 3/00                                                                                                                                                                                                                                                                       |
| 40053452 | EP3859616   | G06Q 10/02, G06Q 10/06                                                                                                                                                                                                                                                                                                                  |
| 40053453 | CN113054768 | H02K 1/18, H02K 5/18                                                                                                                                                                                                                                                                                                                    |
| 40053454 | CN112812112 | C07D 471/04                                                                                                                                                                                                                                                                                                                             |
| 40053455 | CN113643485 | G07F 17/32, G06Q 50/34                                                                                                                                                                                                                                                                                                                  |
| 40053456 | CN112926040 | G06F 21/32                                                                                                                                                                                                                                                                                                                              |
| 40053457 | CN112925186 | G04B 19/16                                                                                                                                                                                                                                                                                                                              |
| 40053458 | CN112929403 | H04L 29/08, H04L 29/06                                                                                                                                                                                                                                                                                                                  |
| 40053459 | EP3889142   | C07D 271/06, A61P 35/00,<br>A61K 31/4245                                                                                                                                                                                                                                                                                                |
| 40053460 | CN113549153 | C07K 16/30, C07K 14/46,<br>C12N 15/13, A61K 39/395,<br>A61P 35/00, A61P 31/00                                                                                                                                                                                                                                                           |
| 40053461 | CN112848683 | B41J 2/01, B41J 29/393                                                                                                                                                                                                                                                                                                                  |
| 40053462 | CN112817146 | G02B 26/08                                                                                                                                                                                                                                                                                                                              |
| 40053463 | EP3821735   | A24F 47/00, A61M 15/00                                                                                                                                                                                                                                                                                                                  |
| 40053464 | CN113135920 | C07D 487/04, A61K 31/519,<br>A61P 29/00, A61P 35/00,<br>A61P 37/06                                                                                                                                                                                                                                                                      |
| 40053465 | CN112824534 | C12Q 1/6806, C12N 15/10,<br>C40B 50/06, C12Q 1/6869                                                                                                                                                                                                                                                                                     |
| 40053466 | CN112806580 | A23L 33/18, A23L 33/17,<br>A23C 9/152                                                                                                                                                                                                                                                                                                   |
| 40053467 | CN112812044 | C07C 317/28, C07C 315/04,<br>C07C 317/24, C07C 313/06,<br>C07D 209/48, A61P 29/00                                                                                                                                                                                                                                                       |
| 40053468 | EP3821898   | A61K 35/17, C12N 5/0783,<br>A61K 39/00, A61P 35/00,<br>A61P 35/02                                                                                                                                                                                                                                                                       |
| 40053469 | EP3885352   | C07J 43/00, C07J 9/00, A61K<br>31/58, A61P 23/00, A61P<br>25/20, A61P 25/08, A01N<br>51/00, A61K 31/575, A61K<br>45/06, A61P 25/00, A61P<br>25/06, A61P 25/14, A61P<br>25/18, A61P 25/28, C07J<br>1/00, C07J 3/00, C07J 5/00,<br>C07J 7/00, C07J 11/00, C07J<br>13/00, C07J 21/00, C07J<br>31/00, C07J 41/00, C07J<br>51/00, C07J 71/00 |

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| 40053470 | CN113151036 | C12N 1/20, A61K 35/745,<br>A61K 35/744, A61K 45/06,<br>A61P 35/00, A61P 35/02,<br>A61P 29/00, A61P 37/04,<br>A61P 39/06, A23L 33/135,<br>A23C 9/123, A23K 10/18,<br>C12R 1/01 |
| 40053471 | CN113012875 | H01C 1/032, H01C 1/084,<br>H01C 1/142, H01C 1/144,<br>H01C 1/148, H01C 7/06, H01C<br>7/18, H01C 17/00, H01C<br>17/065, H01C 17/28                                             |
| 40053472 | EP3848459   | C12N 15/10, G01N 35/00,<br>G01N 35/04                                                                                                                                         |
| 40053473 | GB2588924   | C09D 5/08                                                                                                                                                                     |
| 40053474 | CN113407391 | G06F 11/22                                                                                                                                                                    |
| 40053475 | EP3831833   | C07D 487/04, A61K 31/519,<br>A61P 35/00                                                                                                                                       |
| 40053476 | CN113120712 | B66B 1/20, B66B 1/34, B66B<br>3/00                                                                                                                                            |
| 40053477 | CN113177627 | G06N 3/04, G06N 3/08                                                                                                                                                          |
| 40053478 | CN113177638 | G06N 3/063, G06N 3/04, G06N<br>3/08                                                                                                                                           |
| 40053479 | CN113615934 | A43B 13/32, A43B 13/14,<br>A43B 13/22                                                                                                                                         |
| 40053480 | EP3910141   | E05D 7/14, E05G 1/00, E05G<br>1/02                                                                                                                                            |
| 40053481 | CN112891910 | A63F 1/06                                                                                                                                                                     |
| 40053482 | CN112870685 | A63F 1/06, A63F 1/02, A63F<br>1/14                                                                                                                                            |
| 40053483 | EP3851828   | G01N 1/22, G01N 35/00, G01N<br>1/26                                                                                                                                           |
| 40053484 | CN112867095 | H04W 40/22, H04W 36/30,<br>H04W 4/10, H04W 88/04                                                                                                                              |
| 40053485 | CN112877313 | C12N 9/74                                                                                                                                                                     |
| 40053486 | CN113591377 | G06F 30/27, G06K 9/62, G06N<br>3/08, G06N 20/00                                                                                                                               |
| 40053487 | EP3910072   | C12Q 1/6883, C12Q 1/68                                                                                                                                                        |
| 40053488 | EP3825445   | C25D 21/10, C25D 5/08, C25D<br>17/00                                                                                                                                          |
| 40053489 | EP3824900   | A61K 38/00                                                                                                                                                                    |
| 40053490 | CN113457173 | A63F 13/86, A63F 13/40,<br>G06F 9/451                                                                                                                                         |
| 40053491 | CN113509719 | A63F 13/35                                                                                                                                                                    |
| 40053492 | CN113559517 | A63F 13/56, A63F 13/837                                                                                                                                                       |
| 40053493 | CN113542892 | H04N 21/4728, H04N 21/488                                                                                                                                                     |
| 40053494 | EP3839050   | C12N 15/85                                                                                                                                                                    |

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| 40053495 | CN113470588 | G09G 3/36, G09G 3/34                                                                                                                                                           |
| 40053496 | CN113552952 | G06F 3/02                                                                                                                                                                      |
| 40053497 | CN113467619 | G06F 3/01, G06F 3/14                                                                                                                                                           |
| 40053498 | CN113559497 | A63F 13/31                                                                                                                                                                     |
| 40053499 | CN113457123 | A63F 13/33, A63F 13/52,<br>A63F 13/86                                                                                                                                          |
| 40053500 | CN113457152 | A63F 13/55                                                                                                                                                                     |
| 40053501 | CN113568555 | G06F 3/0488, G06F 3/0484                                                                                                                                                       |
| 40053502 | CN113521743 | A63F 13/60, A63F 13/52                                                                                                                                                         |
| 40053503 | EP3824890   | A61K 31/519, A61K 35/00,<br>A61P 37/06, A61K 39/395,<br>A61K 39/00, A61K 45/06                                                                                                 |
| 40053504 | CN113558047 | A01N 25/28, A01N 33/12,<br>A01P 1/00, B01D 35/00, D06M<br>15/555, D06M 11/76, D06M<br>13/463, D06M 23/12, D21H<br>21/36, D21H 17/52, D21H<br>17/67, D21H 17/07, D06M<br>101/20 |
| 40053505 | CN112838746 | H02M 1/08, H02M 1/084, H02M<br>1/088, H02M 7/537, H02P<br>25/16                                                                                                                |
| 40053506 | EP3835470   | D04B 21/20, A61B 17/06,<br>D04B 1/22, D04C 1/12, A61B<br>17/00                                                                                                                 |
| 40053507 | EP3913053   | C12N 15/10, C40B 40/06,<br>C12Q 1/68                                                                                                                                           |
| 40053508 | CN113368086 | A61K 31/05, A61K 36/60,<br>A61P 25/28, A61P 25/16,<br>A61K 127/00, A61K 133/00                                                                                                 |
| 40053509 | EP3846348   | H03M 7/40                                                                                                                                                                      |
| 40053510 | CN113538324 | G06T 7/00, G06T 7/13, G06N<br>3/04                                                                                                                                             |
| 40053511 | CN113559513 | A63F 13/56, G06T 17/00                                                                                                                                                         |
| 40053512 | CN113496225 | G06K 9/20, G06K 9/32, G06K<br>9/34, G06K 9/46, G06K 9/62,<br>G06N 3/04, G06N 3/08                                                                                              |
| 40053513 | CN113518256 | H04N 21/431, H04N 21/44,<br>H04N 21/4402, H04N 21/441,<br>H04N 21/845                                                                                                          |
| 40053514 | CN113490010 | H04N 21/2187, H04N 21/431                                                                                                                                                      |
| 40053515 | CN113518237 | H04N 21/2187, H04N 21/262,<br>H04N 21/472, H04N 21/475,<br>H04N 21/478, H04N 21/482,<br>H04N 21/81                                                                             |
| 40053516 | CN112843192 | A61K 36/904, A61P 11/00,<br>A61P 11/14, A61P 11/06,<br>A61K 33/06                                                                                                              |

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| 40053517 | CN112843162 | A61K 36/8888, A61P 1/04,<br>A61K 35/618, A61K 33/26                                     |
| 40053518 | CN113052262 | G06K 9/62, G06N 3/04, G06N<br>3/08                                                      |
| 40053519 | CN113564106 | C12N 5/0775, A61P 9/00,<br>A61P 9/10                                                    |
| 40053520 | CN113373112 | C12N 5/0775, A61K 35/28,<br>A61P 9/10                                                   |
| 40053521 | CN113457150 | A63F 13/5372, A63F 13/52,<br>A63F 13/87, A63F 13/847                                    |
| 40053522 | CN113559516 | A63F 13/56, A63F 13/577                                                                 |
| 40053523 | CN112914714 | A61B 18/12, A61B 18/14                                                                  |
| 40053524 | CN113559494 | A63F 13/2145, A63F 13/55,<br>A63F 13/837, G06F 3/0486                                   |
| 40053525 | CN113499587 | A63F 13/533, G06F 9/451                                                                 |
| 40053526 | CN113469799 | G06Q 40/02                                                                              |
| 40053527 | CN113499583 | A63F 13/52, A63F 13/837,<br>A63F 13/533, A63F 13/55                                     |
| 40053528 | CN113559515 | A63F 13/56, A63F 13/577,<br>A63F 13/837                                                 |
| 40053529 | CN113457151 | A63F 13/55, A63F 13/803                                                                 |
| 40053530 | CN113509729 | A63F 13/573, A63F 13/42,<br>A63F 13/52                                                  |
| 40053531 | CN113509720 | A63F 13/497, A63F 13/52,<br>A63F 13/63                                                  |
| 40053532 | EP3824909   | A61K 47/68                                                                              |
| 40053533 | CN112887529 | H04N 5/225, B62D 63/02,<br>G06K 19/06, H04N 5/262,<br>H04N 5/265                        |
| 40053534 | CN112852959 | C12Q 1/6886, G01N 33/574,<br>C07F 9/6509, C07D 471/04,<br>C07D 487/10, A61P 35/00       |
| 40053535 | EP3825413   | C12Q 1/6806, C12N 15/10                                                                 |
| 40053536 | EP3828173   | C07D 231/14, A61K 31/415                                                                |
| 40053537 | EP3826031   | G16H 40/63, G16H 50/20                                                                  |
| 40053538 | CN112859568 | G04B 19/253                                                                             |
| 40053539 | CN113407843 | G06F 16/9535, G06F 16/951,<br>G06F 16/45, G06K 9/62, G06N<br>3/04, G06N 3/08, G06K 9/20 |
| 40053540 | CN113420684 | G06K 9/00, G06K 9/46, G06K<br>9/62, G06N 3/04, G06N 3/08,<br>G06K 9/38, G06T 5/00       |
| 40053541 | EP3903714   | A61B 34/20, A61B 90/00,<br>A61B 17/00, A61B 34/00,<br>A61B 90/50                        |
| 40053542 | CN113569125 | G06F 16/9535                                                                            |



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| 40053543 | CN113457162 | A63F 13/60, G06T 17/20                                                                                                                                                            |
| 40053544 | CN113350481 | A61K 38/16, A61K 33/243,<br>A61P 35/00, A61P 35/04,<br>C07K 14/415, C07K 1/36,<br>C07K 1/34, C07K 1/16                                                                            |
| 40053545 | CN113494635 | F16K 17/20, F16K 47/02                                                                                                                                                            |
| 40053546 | CN112884967 | G07C 11/00, G06Q 10/02                                                                                                                                                            |
| 40053547 | EP3831380   | A61K 31/426, A61K 31/4745,<br>A61K 31/475, A61K 47/54,<br>A61K 49/00, A61K 51/04,<br>A61P 13/08, A61P 25/28,<br>A61P 35/00, A61P 43/00                                            |
| 40053548 | CN112882371 | G04B 3/04, G04B 27/00, G04B<br>27/02, G04B 29/04                                                                                                                                  |
| 40053549 | CN113064589 | G06F 8/34, G06F 8/38, G06F<br>40/183                                                                                                                                              |
| 40053550 | CN113360139 | G06F 8/20, G06F 9/445, G06F<br>11/36, G06F 16/25, G06F<br>16/27, G06F 16/28, G06F<br>40/143, G06F 40/186                                                                          |
| 40053551 | CN113515703 | G06F 16/9535, G06N 3/08                                                                                                                                                           |
| 40053552 | EP3831825   | C07D 403/06, C07D 209/08,<br>C09B 23/02, C09B 23/06,<br>G01N 33/00, G01N 33/533                                                                                                   |
| 40053553 | CN112898210 | C07D 239/70, C07C 271/22,<br>A61K 31/517, A61P 35/00                                                                                                                              |
| 40053554 | CN112855983 | F16K 11/02, F16K 31/50,<br>F16K 31/60, G05D 7/00                                                                                                                                  |
| 40053555 | GB2592200   | E03D 11/14, F16B 21/07,<br>E03C 1/042, E03C 1/322,<br>E03D 13/00                                                                                                                  |
| 40053556 | EP3828171   | C07D 215/40, C07D 471/04,<br>A61K 31/4375, A61K 31/47,<br>A61K 31/519, A61K 31/4985,<br>A61P 35/00, A61P 31/00,<br>A61P 31/12, A61P 35/04,<br>A61P 11/06, A61P 3/00, A61P<br>9/10 |
| 40053557 | EP3828275   | C12N 15/113, A61K 31/712,<br>A61K 31/7125, A61P 3/06                                                                                                                              |
| 40053558 | CN113518119 | H04L 29/08, H04L 12/26,<br>H04L 12/24                                                                                                                                             |
| 40053559 | CN113489770 | H04L 29/08, H04L 29/06,<br>H04L 12/24                                                                                                                                             |
| 40053560 | CN112983402 | E21B 47/12, E21B 47/113,<br>E21B 47/04, E21F 17/18                                                                                                                                |
| 40053561 | EP3839856   | G06Q 20/32, G06Q 20/10,<br>G06Q 20/40                                                                                                                                             |
| 40053562 | EP3862063   | A63G 27/02                                                                                                                                                                        |

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| 40053563 | EP3871745   | A63G 27/00                                                                                                                                       |
| 40053564 | CN113004249 | C07D 401/12, A61K 31/4709, A61K 31/498, A61P 35/00, A61P 9/10, A61P 3/10, A61P 27/12, A61P 19/10, A61P 17/00, A61P 17/18, A61P 31/18, A61P 43/00 |
| 40053565 | EP3828194   | C07J 9/00, A61K 31/566, A61P 25/00, A61P 1/04, A61P 3/10, A61P 25/20, A61P 35/00, A61P 43/00, A61K 31/575, C07J 7/00                             |
| 40053566 | EP3842063   | A61K 38/46, C07K 14/315                                                                                                                          |
| 40053567 | CN113094478 | G06F 16/33, G06F 16/35, G06F 40/216, G06F 40/289, G06Q 50/00                                                                                     |
| 40053568 | CN112949305 | G06F 40/289, G06F 40/211, G06F 40/186, G06K 9/62                                                                                                 |
| 40053569 | GB2595064   | B25F 5/02, B25B 13/46, B25B 21/00, B25G 1/00                                                                                                     |
| 40053570 | EP3828186   | C07D 471/18, A61K 31/4162, A61P 7/02, C07D 213/61, C07D 239/36, C07D 403/10, C07D 239/34                                                         |
| 40053571 | EP3848267   | B61B 9/00, B66B 5/16                                                                                                                             |
| 40053572 | CN113099683 | H05K 7/20                                                                                                                                        |
| 40053573 | EP3871521   | A24F 40/465, A24F 40/50, H05B 6/10, A24F 40/20                                                                                                   |
| 40053574 | CN113569003 | G06F 16/33, G06F 40/211, G06F 40/253, G06F 40/295, G06N 3/04, G06N 3/08, G06N 20/00                                                              |
| 40053575 | CN113538162 | G06Q 50/02, G06Q 10/06, G06N 3/08, G06N 3/04                                                                                                     |
| 40053576 | CN113469660 | G06Q 10/10, G06F 16/33                                                                                                                           |
| 40053577 | CN113571122 | G16B 15/20, G06T 17/20                                                                                                                           |
| 40053578 | CN113542653 | H04N 7/14, H04L 12/58, G06Q 20/06                                                                                                                |
| 40053579 | CN113515269 | G06F 8/20, G06F 8/34, G06F 8/41, G06F 8/65, G06F 8/71                                                                                            |
| 40053580 | CN113569890 | G06K 9/62, G06N 3/04                                                                                                                             |
| 40053581 | CN113505446 | G06F 30/15, G06F 30/20, G08G 1/01, G08G 1/08                                                                                                     |
| 40053582 | CN113569406 | G06F 30/20, G06F 21/30, G06F 119/02                                                                                                              |
| 40053583 | CN113518264 | H04N 21/472, H04N 21/482                                                                                                                         |
| 40053584 | CN113516105 | G06K 9/00, G06K 9/62, G06T 5/30                                                                                                                  |

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| 40053585 | CN113487523 | G06T 5/00, G06T 7/13                                                         |
| 40053586 | CN113569130 | G06F 16/9535, G06N 3/08, G06N 3/04                                           |
| 40053587 | CN113539279 | G10L 19/16, G10L 25/57, G10H 1/46, G10L 19/00                                |
| 40053588 | CN113514075 | G01C 21/36                                                                   |
| 40053589 | CN113505204 | G06F 16/33, G06F 16/35, G06F 16/31, G06N 20/00, G06N 3/08                    |
| 40053590 | CN113470411 | G08G 1/0968                                                                  |
| 40053591 | CN113538601 | G06T 7/90, G06T 11/40, G06F 16/957                                           |
| 40053592 | CN113569369 | G06F 30/18, G06F 111/02                                                      |
| 40053593 | CN113486914 | G06K 9/62, G06K 9/46, G06N 3/08, G06N 3/04                                   |
| 40053594 | CN113556227 | H04L 9/08, H04L 29/06, H04L 29/08                                            |
| 40053595 | CN113556387 | H04L 29/08, H04L 29/06                                                       |
| 40053596 | CN113543131 | H04W 12/06, H04L 9/06, H04L 9/32, H04W 12/0431, H04W 12/069, H04W 76/10      |
| 40053597 | CN113505866 | G06K 9/62, G06K 9/46, G06K 9/00, G06N 3/08, G06N 3/04                        |
| 40053598 | CN113569001 | G06F 16/33, G06F 16/35, G06F 40/289                                          |
| 40053599 | CN113536793 | G06F 40/295, G06F 40/289, G06F 40/30, G06F 40/126, G06N 3/04, G06N 3/08      |
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| 40053601 | CN113572802 | H04L 29/08, H04L 12/58                                                       |
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| 40053603 | CN113537685 | G06Q 10/06, G06Q 40/04                                                       |
| 40053604 | CN113569037 | G06F 16/338, G06F 40/30                                                      |
| 40053605 | CN113515601 | G06F 16/332, G06F 40/35                                                      |
| 40053606 | CN113573154 | H04N 21/4788, H04N 21/262, H04N 21/43, H04N 21/431, H04N 21/482, H04N 21/466 |
| 40053607 | CN113518085 | H04L 29/06, H04L 29/12, H04W 28/06                                           |
| 40053608 | CN113467807 | G06F 8/65, A63F 13/40                                                        |
| 40053609 | CN113556763 | H04W 24/02, H04W 56/00, H04W 76/11, H04W 76/30                               |
| 40053610 | CN113543177 | H04W 24/02, H04W 28/02                                                       |
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| 40053612 | CN113572835 | H04L 29/08, H04L 29/12                                                                                                                                                       |
| 40053613 | CN113490156 | H04W 4/06, H04W 72/04                                                                                                                                                        |
| 40053614 | CN113490155 | H04W 4/06, H04W 24/02                                                                                                                                                        |
| 40053615 | CN113542101 | H04L 12/58, H04L 12/18,<br>G08B 25/01, G08B 25/08                                                                                                                            |
| 40053616 | CN113536743 | G06F 40/166, G06N 20/00                                                                                                                                                      |
| 40053617 | CN113485619 | G06F 3/0484, G06F 3/0481                                                                                                                                                     |
| 40053618 | CN113554737 | G06T 15/00, G06K 9/00, G10L<br>15/02, G10L 15/06, G10L<br>15/16, G10L 15/25, G06N<br>3/04                                                                                    |
| 40053619 | CN113467847 | G06F 9/4401                                                                                                                                                                  |
| 40053620 | CN112947037 | G04G 21/00, G04B 3/04, G04C<br>3/00, G04R 60/06, G04R<br>60/10                                                                                                               |
| 40053621 | CN112947024 | G04B 3/04, G04C 3/00, G04G<br>21/00, G04R 60/06, G04R<br>60/10                                                                                                               |
| 40053622 | EP3836086   | G06T 7/73                                                                                                                                                                    |
| 40053623 | CN113136592 | C25B 1/46, C25B 15/023                                                                                                                                                       |
| 40053624 | CN113172226 | B22F 3/24, B24C 1/10                                                                                                                                                         |
| 40053625 | CN112951278 | G11B 3/70, G11B 3/68, A44C<br>21/00                                                                                                                                          |
| 40053626 | CN113669306 | F04F 5/16, F04F 5/44                                                                                                                                                         |
| 40053627 | EP3915577   | A61K 39/00, C07K 14/47,<br>C07K 7/06                                                                                                                                         |
| 40053628 | CN113209288 | A61K 39/395, A61K 39/00,<br>A61K 31/519, A61K 38/47,<br>A61K 45/06, A61P 25/00,<br>A61P 37/02, A61P 35/00,<br>A61P 37/06, A61P 7/06, A61P<br>3/00, A61P 43/00, A61P<br>37/00 |
| 40053629 | EP3831958   | C12Q 1/68                                                                                                                                                                    |
| 40053630 | EP3839041   | C12N 1/12, C12P 7/64, C12Q<br>3/00                                                                                                                                           |
| 40053631 | CN112941065 | C12N 15/10, C12Q 1/6816,<br>C12Q 1/6869                                                                                                                                      |
| 40053632 | EP3831225   | A24F 40/57                                                                                                                                                                   |
| 40053633 | CN113059790 | B29C 64/10, B29C 64/20,<br>B29C 64/112, B33Y 10/00,<br>B33Y 30/00, A43B 23/02,<br>A43D 3/02, D04C 3/00, B29L<br>31/50                                                        |
| 40053634 | EP3916106   | C12Q 1/68, C12N 15/113,<br>C12Q 1/6886                                                                                                                                       |

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| 40053636 | CN113609222 | G06F 16/27, G06F 21/64,<br>G06F 9/54, G06Q 40/04                                                     |
| 40053637 | CN113673547 | G06K 9/62                                                                                            |
| 40053638 | CN113657988 | G06Q 40/02                                                                                           |
| 40053639 | CN112967068 | G06Q 30/00, G06Q 50/00,<br>G06F 9/451                                                                |
| 40053640 | CN113641498 | G06F 9/50                                                                                            |
| 40053641 | CN113642040 | G06F 21/62, G06F 21/64,<br>G06F 16/955                                                               |
| 40053642 | CN113573136 | H04N 21/439, H04N 21/44                                                                              |
| 40053643 | CN113569824 | G06K 9/00, G06N 3/04                                                                                 |
| 40053644 | CN113570678 | G06T 11/00, G06T 7/90                                                                                |
| 40053645 | CN113538254 | G06T 5/00, G06T 5/50, G06N<br>3/04, G06N 3/08                                                        |
| 40053646 | CN113515690 | G06F 16/9535, G06Q 30/06,<br>G06N 20/00                                                              |
| 40053647 | CN113505260 | G06F 16/583, G06K 9/00,<br>G06F 21/62                                                                |
| 40053648 | CN113553514 | G06F 16/9535, G06F 16/901,<br>G06K 9/62, G06N 3/04, G06N<br>3/08                                     |
| 40053649 | CN113505652 | G06K 9/00                                                                                            |
| 40053650 | CN113569822 | G06K 9/00, G06K 9/34, G06N<br>3/04                                                                   |
| 40053651 | CN113570466 | G06Q 40/04, G06F 21/62,<br>G06F 21/64                                                                |
| 40053652 | CN113568981 | G06F 16/27, G06Q 20/38                                                                               |
| 40053653 | CN113518005 | H04L 12/24, H04L 29/08,<br>H04L 9/32                                                                 |
| 40053654 | CN113542845 | H04N 21/431, H04N 21/2187,<br>H04N 21/4788, H04N 21/262,<br>H04N 21/472, H04N 21/234,<br>H04N 21/235 |
| 40053655 | CN113516723 | G06T 9/00, G06F 21/60                                                                                |
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| 40053657 | CN113018431 | A61K 39/395, C07K 16/24,<br>A61P 9/00, A61P 9/10, A61P<br>41/00                                      |
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| 40053665 | EP3856712   | C07C 253/30                                                                                       |
| 40053666 | EP3811050   | G01N 1/28, G01N 1/06, G01N 33/483, G01N 1/04                                                      |
| 40053667 | CN113302138 | B65D 85/804                                                                                       |
| 40053668 | CN112789292 | C07K 16/28, C07K 14/47, A61K 38/00, A61P 35/00                                                    |
| 40053669 | EP3810801   | C12Q 1/6841                                                                                       |
| 40053670 | EP3810646   | C07K 14/72, C12N 5/0783                                                                           |
| 40053671 | EP3810777   | C12N 15/113, C12N 15/86                                                                           |
| 40053672 | EP3824554   | H03K 19/17748, G06N 3/00, G06F 15/78                                                              |
| 40053673 | CN113544130 | C07D 487/04, C07D 403/00, A61P 35/00, A61P 29/00, A61P 37/06, A61P 19/02, A61P 25/00, A61K 31/395 |
| 40053674 | CN112930128 | A45D 19/00, B67D 3/00                                                                             |
| 40053675 | CN113167780 | G01N 33/24, G06N 20/00, G06T 7/40                                                                 |
| 40053676 | EP3829299   | A01N 25/08, A01N 43/16, A01N 43/36                                                                |
| 40053677 | CN112770666 | A61B 5/00, G16H 40/63, G16H 50/20                                                                 |
| 40053678 | EP3896919   | H04L 12/46, H04W 12/08                                                                            |
| 40053679 | EP3840728   | A61K 9/127, A61K 36/48, A61K 36/899                                                               |
| 40053680 | CN112888480 | A61P 31/12, C07D 491/052, A61K 31/436, A61K 31/4725, A61K 31/444, A61K 31/407                     |
| 40053681 | EP3814037   | B22F 3/10, C08L 23/06, C08L 23/12, C08K 5/09, C08L 91/06, C08L 23/08                              |
| 40053682 | CN112771072 | C07K 14/55, A61K 38/20, A61P 35/00, A61K 39/00, A61K 39/39                                        |
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| 40053686 | CN112789089 | A63B 21/005, A63B 21/015,<br>A63B 22/06                                                                                                    |
| 40053687 | CN113226909 | B62M 11/04, B62M 11/14                                                                                                                     |
| 40053688 | CN112770783 | A61K 48/00, A61K 9/00, A61K<br>31/7105, A61K 31/7088, C12Q<br>1/6886, C12Q 1/6883, G01N<br>33/53, A61P 19/00, A61P<br>35/00                |
| 40053689 | EP3815010   | G06Q 10/02, B64F 1/30                                                                                                                      |
| 40053690 | CN112912755 | G01S 7/481, G01S 17/02,<br>G01S 17/88, G05D 1/02                                                                                           |
| 40053691 | CN113474310 | C03C 13/00, C08J 5/08                                                                                                                      |
| 40053692 | EP3880703   | C07K 16/18, C07K 16/28                                                                                                                     |
| 40053693 | EP3833442   | A61P 35/00, C07K 16/28,<br>A61K 39/00                                                                                                      |
| 40053694 | EP3855980   | A47C 31/00, A47C 16/00,<br>A61G 5/10, A47C 20/02, B68G<br>5/00, A47C 27/08                                                                 |
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| 40053702 | EP3820886   | C07K 14/68, A61K 51/08,<br>A61P 35/04, C07K 14/575,<br>C07K 14/665, C07K 7/06,<br>C07K 7/56, G01T 1/164                                    |
| 40053703 | EP3830070   | C07C 211/27, C07C 215/08,<br>C07C 215/10, C07C 215/40,<br>C07C 229/04, C07C 229/08,<br>C07C 323/62, C07D 207/06,<br>A61P 1/16, A61K 31/192 |
| 40053704 | EP3908477   | B60L 53/16, B60L 53/30,<br>H02J 7/00                                                                                                       |
| 40053705 | EP3821245   | G01N 33/50, G01N 33/58                                                                                                                     |
| 40053706 | CN113631282 | B05D 3/00, B05D 3/06, B05D<br>5/06, B42D 25/30, G06K<br>19/12, B42D 25/369, B42D<br>25/387, B42D 25/41                                     |

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| 40053707 | CN113228409 | H01P 1/203, H05K 1/16, H01P 1/201                                                             |
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| 40053714 | CN113382714 | A61K 8/66, A61Q 19/06                                                                         |
| 40053715 | CN113473965 | A61K 9/00, A61K 36/185, A61K 9/14, A61K 31/352                                                |
| 40053716 | CN112996908 | C12N 7/01, A61K 35/768, A61K 48/00, A61K 45/06, A61K 38/19, A61P 35/00, A61P 35/04, C12R 1/93 |
| 40053717 | EP3821234   | G01N 21/87, G06T 15/00, G01N 33/00                                                            |
| 40053718 | EP3821392   | G06T 5/00                                                                                     |
| 40053719 | CN113329764 | A61K 39/00, A61K 39/39, A61P 35/00, A61P 37/04, A61K 47/69                                    |
| 40053720 | EP3820995   | C12N 7/00, C12N 15/113, C12N 15/88                                                            |
| 40053721 | CN113597704 | H01M 50/244, H01M 50/247, H01M 50/262, H04Q 9/00                                              |
| 40053722 | CN112912575 | E04F 15/02, E04F 15/10                                                                        |
| 40053723 | CN112912576 | E04F 15/02, E04F 13/08, E04F 15/10                                                            |
| 40053724 | CN112955613 | E04F 15/02, E04F 15/10, B32B 21/02, B32B 27/30                                                |
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| 40053726 | CN112955079 | A61B 17/00, A61B 17/12, A61M 25/00, A61M 25/10                                                |
| 40053727 | CN113366731 | H02K 1/27, H02K 41/06, H02K 11/21                                                             |
| 40053728 | EP3907221   | C07D 333/60, C07D 333/58, C07D 333/56, C07D 409/12, A61K 31/381, A61P 35/00                   |
| 40053729 | CN112889032 | G06F 9/50, G06F 15/173                                                                        |
| 40053730 | CN113557541 | G06Q 10/10, G06F 21/62, G06N 20/00                                                            |
| 40053731 | CN112912078 | A61K 31/437, A61K 31/506, A61K 31/519, A61K 31/565, A61P 35/00, C07D 401/14,                  |



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| 40053732 | EP3846844   | A61K 39/00                                                                                                                  |
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| 40053734 | CN113260692 | C09K 11/65, C01B 32/184,<br>B82Y 20/00, B82Y 40/00                                                                          |
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| 40053736 | EP3827013   | C07K 14/435, C07K 14/705,<br>C07K 14/715, C07K 14/725,<br>C07K 16/28, C07K 16/30,<br>G01N 33/574, C12N 15/12,<br>C12N 15/63 |
| 40053737 | EP3872006   | B65G 1/04, B65G 1/137                                                                                                       |
| 40053738 | EP3829366   | A24F 47/00, A61M 15/06,<br>A61M 11/04, H05B 3/00, A61M<br>16/00                                                             |
| 40053739 | EP3829548   | A61K 9/51, A61K 9/14, A61K<br>47/69, C12N 5/09                                                                              |
| 40053740 | EP3837013   | A61P 29/00, C07K 16/28,<br>A61P 35/00, A61K 39/395,<br>A61P 37/00                                                           |
| 40053741 | CN112839707 | A61P 5/48, A61K 38/28, A61P<br>5/50                                                                                         |
| 40053742 | CN112996601 | B01L 7/00, G01N 21/00, C12Q<br>1/00, G01N 21/62, G01N<br>21/75                                                              |
| 40053743 | CN112839944 | C07D 471/08, A61K 31/439,<br>A61P 31/14, C07D 487/18                                                                        |
| 40053744 | CN113631182 | A61K 38/47, A61K 48/00                                                                                                      |
| 40053745 | CN112867721 | C07D 498/04, A61P 31/00,<br>A61P 35/00, A61P 35/02,<br>C07D 513/04, A61K 31/437,<br>A61K 45/00                              |
| 40053746 | EP3886904   | A61K 39/395, A61K 47/64,<br>A61K 47/68                                                                                      |
| 40053747 | CN112888707 | C07K 14/725, C07K 14/705,<br>A61K 35/17, C12N 5/0783,<br>A61P 35/00                                                         |
| 40053748 | EP3836936   | A61K 31/5377, A61P 35/02,<br>A61P 35/04                                                                                     |
| 40053749 | EP3836935   | A61K 31/5375, A61K 31/5377                                                                                                  |
| 40053750 | EP3908678   | C12Q 1/6883                                                                                                                 |
| 40053751 | CN113574534 | G06K 9/00, G06K 9/46, G06K<br>9/62, G06N 3/04, G06N 3/08,<br>G06T 7/00, G16H 30/40                                          |
| 40053752 | EP3823634   | A61K 31/7088, C07C 219/06,<br>C07C 229/12                                                                                   |

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| 40053753 | CN113302188 | C07D 401/14, A61P 35/00,<br>A61K 31/495, A61K 31/4709                                                                  |
| 40053754 | CN112912549 | D04B 1/12, A43B 1/04                                                                                                   |
| 40053755 | EP3843778   | A61K 39/00, C07K 16/28,<br>A61P 35/00, A61P 31/12                                                                      |
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| 40053759 | CN113692729 | H04L 29/06, G06K 19/073                                                                                                |
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| 40053762 | EP3899893   | G08B 17/113                                                                                                            |

**3. 按申請編號排列****Arranged by Application Number****40053413 - 40053762**

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| Application No. | Publication No. |
| 42021040375.4   | 40053413        |
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#### 4. 按申請人名稱排列 Arranged by Name of Applicant

40053413 - 40053762

| [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. |
| 23ANDME, INC. 23<br>和我公司                                                                                                                                       | A61P 29/00, C07K<br>16/28, A61P 35/00,<br>A61K 39/395, A61P<br>37/00                                                                                               | 40053740           | EP3837013                                            |
| ABIVAX ABIVAX 公司<br>CENTRE NATIONAL<br>DE LA RECHERCHE<br>SCIENTIFIQUE<br>(CNRS) 国家科研中心<br>INSTITUT CURIE 居<br>里研究所<br>UNIVERSITE DE<br>MONTPELLIER 蒙彼利<br>埃大学 | C07D 401/12, A61K<br>31/4709, A61K 31/498,<br>A61P 35/00, A61P 9/10,<br>A61P 3/10, A61P 27/12,<br>A61P 19/10, A61P<br>17/00, A61P 17/18,<br>A61P 31/18, A61P 43/00 | 40053564           | CN113004249                                          |
| AMARIN<br>PHARMACEUTICALS<br>IRELAND LIMITED<br>阿瑪林製藥愛爾蘭有限<br>公司                                                                                               | A61K 31/232, A61P<br>3/06, A61P 9/10                                                                                                                               | 40053699           | CN112912071                                          |
| AMGEN (EUROPE)<br>GMBH                                                                                                                                         | C07C 317/28, C07C<br>315/04, C07C 317/24,<br>C07C 313/06, C07D<br>209/48, A61P 29/00                                                                               | 40053467           | CN112812044                                          |
| AMICUS<br>THERAPEUTICS,<br>INC.                                                                                                                                | A61K 38/00                                                                                                                                                         | 40053489           | EP3824900                                            |
| AMICUS<br>THERAPEUTICS,<br>INC. 阿米库斯治疗学<br>公司                                                                                                                  | A61K 38/47, A61K 48/00                                                                                                                                             | 40053744           | CN113631182                                          |

|                                                                                                      |                                                                                               |          |             |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------|-------------|
| AMOREPACIFIC CORPORATION 株式會社愛茉莉太平洋                                                                  | A61K 8/34, A61K 8/86, A61K 8/73, A61K 8/81, A61K 8/02, A61K 8/04, A61Q 19/08                  | 40053442 | CN113440425 |
| ANGEL GROUP CO., LTD. 天使集團股份有限公司                                                                     | A63F 1/06                                                                                     | 40053481 | CN112891910 |
| ANGEL GROUP CO., LTD. 天使集團股份有限公司                                                                     | A63F 1/06, A63F 1/02, A63F 1/14                                                               | 40053482 | CN112870685 |
| AROMA BIT, INC. 株式會社而摩比特                                                                             | G01N 5/02, G01N 27/12                                                                         | 40053761 | CN113272637 |
| ARRAY BIOPHARMA, INC. 陣列生物製藥公司                                                                       | C07D 401/14, A61P 35/00, A61K 31/495, A61K 31/4709                                            | 40053753 | CN113302188 |
| ASCENTAGE PHARMA (SUZHOU) CO., LTD. 蘇州亞盛藥業有限公司<br>ASCENTAGE PHARMA GROUP CORP LIMITED 亞盛醫藥集團(香港)有限公司 | C12Q 1/6886, G01N 33/574, C07F 9/6509, C07D 471/04, C07D 487/10, A61P 35/00                   | 40053534 | CN112852959 |
| AVX CORPORATION 阿維克斯公司                                                                               | H01P 1/203, H05K 1/16, H01P 1/201                                                             | 40053707 | CN113228409 |
| AVX CORPORATION 阿維克斯公司                                                                               | H01P 1/203, H01P 3/08, H01P 11/00, H03H 7/01                                                  | 40053708 | CN113273029 |
| Agency for Science, Technology and Research                                                          | C12Q 1/68, C12N 15/113, C12Q 1/6886                                                           | 40053634 | EP3916106   |
| Alia Therapeutics S.R.L.                                                                             | C12N 7/00, C12N 15/113, C12N 15/88                                                            | 40053720 | EP3820995   |
| Arizona Board of Regents on behalf of Arizona State University 亞利桑那州立大學董事會                           | C12N 7/01, A61K 35/768, A61K 48/00, A61K 45/06, A61K 38/19, A61P 35/00, A61P 35/04, C12R 1/93 | 40053716 | CN112996908 |
| Avellino Lab USA, Inc.                                                                               | C12Q 1/6806, C12N 15/10                                                                       | 40053535 | EP3825413   |
| B.H. MAYER'S KUNSTPRAEGEANSTALT GMBH B·H·梅耶藝術造幣有限公司                                                  | G11B 3/70, G11B 3/68, A44C 21/00                                                              | 40053625 | CN112951278 |
| BECKMAN COULTER, INC.                                                                                | G01N 33/50, G01N 33/58                                                                        | 40053705 | EP3821245   |
| BLACKBERRY LIMITED 黑莓有限公司                                                                            | H04W 40/22, H04W 36/30, H04W 4/10, H04W 88/04                                                 | 40053484 | CN112867095 |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------|-------------|
| BLANCPAIN SA                                                                                                                                                                                                                               | G04B 19/16                                                                               | 40053457 | CN112925186 |
| Beijing SenseTime Technology Development Co., Ltd. 北京市商汤科技开发有限公司                                                                                                                                                                           | G08B 21/02, H04W 4/021, H04W 4/40, H04W 12/06                                            | 40053440 | CN113470307 |
| Beijing SenseTime Technology Development Co., Ltd. 北京市商汤科技开发有限公司                                                                                                                                                                           | G06F 3/01, G06F 3/0481, G06F 3/0482                                                      | 40053441 | CN113467614 |
| BioNTech RNA Pharmaceuticals GmbH 生物技术 RNA 制药有限公司<br>TRON -<br>TRANSLATIONALE<br>ONKOLOGIE AN DER<br>UNIVERSITAETSMEDI<br>ZIN DER JOHANNES<br>GUTENBERG-<br>UNIVERSITAET<br>MAINZ<br>GEMEINNUETZIGE<br>GMBH 约翰·古腾堡大<br>学美因兹医学大学转化<br>肿瘤学公司 | C07K 14/55, A61K 38/20, A61P 35/00, A61K 39/00, A61K 39/39                               | 40053682 | CN112771072 |
| BioNTech US Inc. 百欧恩泰美国公司                                                                                                                                                                                                                  | C07K 14/725, C07K 14/705, A61K 35/17, C12N 5/0783, A61P 35/00                            | 40053747 | CN112888707 |
| Biocryst Pharmaceuticals, Inc.                                                                                                                                                                                                             | C07D 231/14, A61K 31/415                                                                 | 40053536 | EP3828173   |
| Bionano Genomics, Inc.                                                                                                                                                                                                                     | C12Q 1/6841                                                                              | 40053669 | EP3810801   |
| Biopolis, S.L.                                                                                                                                                                                                                             | A61K 35/745, A61K 35/747, A23L 33/135, A61K 9/48, A61P 3/00                              | 40053451 | EP3851115   |
| Brian Mcfadden 布莱恩·麦克法登                                                                                                                                                                                                                    | G06Q 30/00, G06Q 50/00, G06F 9/451                                                       | 40053639 | CN112967068 |
| Bristol-Myers Squibb Company                                                                                                                                                                                                               | C07D 471/18, A61K 31/4162, A61P 7/02, C07D 213/61, C07D 239/36, C07D 403/10, C07D 239/34 | 40053570 | EP3828186   |
| C.G.M. S.P.A. C·G·M·股份公司                                                                                                                                                                                                                   | A61B 10/02, A61B 17/16, A61B 17/32                                                       | 40053757 | EP3890617   |
| CAPITAL ONE SERVICES, LLC 第一资本服务有限责任公司                                                                                                                                                                                                     | G06Q 20/34, G06Q 20/36, G06Q 20/40                                                       | 40053700 | CN113168631 |

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| 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 72/04, H04W 4/46,<br>H04L 1/18                                                                                       | 40053713 | EP3905820   |
| CHINA UNIVERSITY<br>OF MINING AND<br>TECHNOLOGY,<br>BEIJING 中国矿业大<br>学(北京)<br>WUHAN CHANGSHENG<br>MINE SECURITY<br>TECHNOLOGY<br>LIMITED 武汉长盛煤<br>安科技有限公司  | E21B 47/12, E21B<br>47/113, E21B 47/04,<br>E21F 17/18                                                                     | 40053560 | CN112983402 |
| COMBA NETWORK<br>SYSTEMS COMPANY<br>LIMITED 京信網絡系<br>統股份有限公司                                                                                               | H04W 16/20, H04W 16/22                                                                                                    | 40053424 | CN112804691 |
| COMPASS<br>THERAPEUTICS LLC                                                                                                                                | A61P 35/00, C07K<br>16/28, A61K 39/00                                                                                     | 40053693 | EP3833442   |
| Capital One<br>Services, LLC                                                                                                                               | G06Q 20/32, G06Q<br>20/10, G06Q 20/40                                                                                     | 40053561 | EP3839856   |
| Cardiologs<br>Technologies SAS                                                                                                                             | G16H 40/63, G16H 50/20                                                                                                    | 40053537 | EP3826031   |
| Crescendo<br>Biologics Limited                                                                                                                             | C07K 16/18, C07K 16/28                                                                                                    | 40053692 | EP3880703   |
| DAEWOONG<br>PHARMACEUTICAL<br>CO., LTD. 株式会社<br>大熊制药                                                                                                       | C07D 487/04, A61K<br>31/519, A61P 29/00,<br>A61P 35/00, A61P 37/06                                                        | 40053464 | CN113135920 |
| DENTSPLY DETREY<br>GMBH 登士柏德特里有<br>限公司                                                                                                                     | C07D 303/26, C08G<br>59/28, C08G 59/50,<br>C08L 63/00, C08G<br>59/06, A61K 6/54, A61K<br>6/60, A61K 6/891, C07D<br>303/28 | 40053758 | CN113677669 |
| DOLBY<br>INTERNATIONAL AB                                                                                                                                  | H03M 7/40                                                                                                                 | 40053509 | EP3846348   |
| DOLBY<br>LABORATORIES<br>LICENSING<br>CORPORATION 杜比实<br>验室特许公司                                                                                            | H04S 7/00, H04R 3/12,<br>H04R 5/02                                                                                        | 40053421 | CN113490133 |
| DOLBY<br>LABORATORIES                                                                                                                                      | H04R 3/02                                                                                                                 | 40053760 | CN112840670 |



## LICENSING

## CORPORATION 杜比实

## 验室特许公司

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| DREAM FACTORY<br>CO., LTD. 梦工厂株<br>式会社              | C09K 11/65, C01B<br>32/184, B82Y 20/00,<br>B82Y 40/00                                                                                                                                                                                                                                                           | 40053734 | CN113260692 |
| Duke University                                     | A61K 31/137, A61K<br>45/06, A61P 35/04,<br>A61P 35/00                                                                                                                                                                                                                                                           | 40053658 | EP3834824   |
| Duravit<br>Aktiengesellschaf<br>t 杜拉維特有限公司          | C08L 67/00, C08K 3/40,<br>C08K 3/36, C08K 7/28,<br>C08K 3/26, C08K 3/34,<br>C08K 3/22, C08K 13/04,<br>C09D 167/00, C09D 7/61                                                                                                                                                                                    | 40053425 | CN113549303 |
| EASEE AS                                            | B60L 53/16, B60L<br>53/30, H02J 7/00                                                                                                                                                                                                                                                                            | 40053704 | EP3908477   |
| ELETEN CO., LTD.                                    | A01N 25/28, A01N<br>33/12, A01P 1/00, B01D<br>35/00, D06M 15/555,<br>D06M 11/76, D06M<br>13/463, D06M 23/12,<br>D21H 21/36, D21H<br>17/52, D21H 17/67,<br>D21H 17/07, D06M<br>101/20                                                                                                                            | 40053504 | CN113558047 |
| ENDO GLOBAL<br>AESTHETICS<br>LIMITED 恩多全球美<br>学有限公司 | A61K 8/66, A61Q 19/06                                                                                                                                                                                                                                                                                           | 40053714 | CN113382714 |
| ETA SA<br>MANUFACTURE<br>HORLOGÈRE SUISSE           | G04B 19/253                                                                                                                                                                                                                                                                                                     | 40053538 | CN112859568 |
| Eisai R&D<br>Management Co.,<br>Ltd.                | A61K 47/68                                                                                                                                                                                                                                                                                                      | 40053532 | EP3824909   |
| Endorecherche,<br>Inc. 恩多研究公司                       | A61K 31/5685, A61K<br>31/453, A61K 38/24,<br>A61P 5/26, A61P 15/00,<br>A61P 15/10, A61P 9/00,<br>A61P 25/24, A61P<br>19/10, A61P 21/00,<br>A61P 3/04, A61P 3/06,<br>A61P 25/28, A61P<br>17/14, A61P 15/08,<br>A61P 15/14, A61P 7/06,<br>A61P 3/02, A61P 3/10,<br>A61P 5/50, A61P 25/20,<br>A61P 9/10, A61P 9/12 | 40053420 | CN113546084 |
| F. HOFFMANN-LA<br>ROCHE AG                          | A61B 5/00, G16H 40/63,<br>G16H 50/20                                                                                                                                                                                                                                                                            | 40053677 | CN112770666 |
| F. HOFFMANN-LA<br>ROCHE AG                          | A61P 31/12, C07D<br>491/052, A61K 31/436,                                                                                                                                                                                                                                                                       | 40053680 | CN112888480 |

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|                                                                                                     | A61K 31/4725, A61K 31/444, A61K 31/407                                                                                         |          |             |
| F. Hoffmann-La Roche AG 豪夫邁·羅氏有限公司                                                                  | G06K 9/00, G06K 9/46, G06K 9/62, G06N 3/04, G06N 3/08, G06T 7/00, G16H 30/40                                                   | 40053751 | CN113574534 |
| F. Hoffmann-La Roche AG 豪夫邁·羅氏有限公司<br>Genentech, Inc. 基因泰克公司                                        | C07D 239/70, C07C 271/22, A61K 31/517, A61P 35/00                                                                              | 40053553 | CN112898210 |
| FELICA NETWORKS, INC. 飞力凯网路股份有限公司                                                                   | H04L 29/06, G06K 19/073                                                                                                        | 40053759 | CN113692729 |
| FUJI KIHAN CO., LTD. 株式會社不二機販                                                                       | B22F 3/24, B24C 1/10                                                                                                           | 40053624 | CN113172226 |
| Flagship Pioneering Innovations V, Inc.                                                             | C12N 15/86                                                                                                                     | 40053701 | EP3894568   |
| Flagship Pioneering Innovations VI, LLC                                                             | A61K 9/127, A61K 36/48, A61K 36/899                                                                                            | 40053679 | EP3840728   |
| Four System Group Srl<br>Frasson Tech Soles S.r.l.                                                  | B29C 45/14, B29D 35/00                                                                                                         | 40053438 | EP3858574   |
| Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College<br>中国医学科学院阜外医院 | C12N 5/0775, A61P 9/00, A61P 9/10                                                                                              | 40053519 | CN113564106 |
| Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College<br>中国医学科学院阜外医院 | C12N 5/0775, A61K 35/28, A61P 9/10                                                                                             | 40053520 | CN113373112 |
| GENOME AND COMPANY 韓國億諾生物有限公司                                                                       | C12N 1/20, A61K 35/745, A61K 35/744, A61K 45/06, A61P 35/00, A61P 35/02, A61P 29/00, A61P 37/04, A61P 39/06, A23L 33/135, A23C | 40053470 | CN113151036 |

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|                                                                         | 9/123, A23K 10/18,<br>C12R 1/01                                                                                                                            |          |             |
| GENZYME CORPORATION 建新公司                                                | A61K 39/395, A61K 39/00, A61K 31/519, A61K 38/47, A61K 45/06, A61P 25/00, A61P 37/02, A61P 35/00, A61P 37/06, A61P 7/06, A61P 3/00, A61P 43/00, A61P 37/00 | 40053628 | CN113209288 |
| GOOGLE LLC 谷歌有限責任公司                                                     | H05K 7/20                                                                                                                                                  | 40053572 | CN113099683 |
| GRAIL, LLC 格里爾公司                                                        | C12Q 1/68                                                                                                                                                  | 40053629 | EP3831958   |
| GUANGZHOU BIOSEAL BIOTECH CO., LTD. 廣州倍綉生物技術有限公司                        | C12N 9/74                                                                                                                                                  | 40053485 | CN112877313 |
| OMRIX BIOPHARMACEUTICALS LTD. 奧姆里克斯生物藥品有限公司                             |                                                                                                                                                            |          |             |
| GUENAT SA MONTRES VALGINE                                               | G04B 5/16                                                                                                                                                  | 40053697 | CN113227913 |
| Genethon International Centre For Genetic Engineering And Biotechnology | C12N 15/86, A61K 48/00, C12N 9/10, A61K 38/45, A61P 1/16                                                                                                   | 40053434 | EP3851537   |
| Genfit                                                                  | C07C 211/27, C07C 215/08, C07C 215/10, C07C 215/40, C07C 229/04, C07C 229/08, C07C 323/62, C07D 207/06, A61P 1/16, A61K 31/192                             | 40053703 | EP3830070   |
| Genomic Health, Inc.                                                    | G01N 1/28, G01N 1/06, G01N 33/483, G01N 1/04                                                                                                               | 40053666 | EP3811050   |
| Genzyme Corporation                                                     | A61K 31/519, A61K 35/00, A61P 37/06, A61K 39/395, A61K 39/00, A61K 45/06                                                                                   | 40053503 | EP3824890   |
| Geron Corporation 美國杰龍生物醫藥公司                                            | A61K 48/00, A61K 9/00, A61K 31/7105, A61K 31/7088, C12Q 1/6886, C12Q 1/6883, G01N 33/53, A61P 19/00, A61P 35/00                                            | 40053688 | CN112770783 |
| Globus Medical, Inc.                                                    | A61B 34/20, A61B 90/00, A61B 17/00, A61B 34/00, A61B 90/50                                                                                                 | 40053541 | EP3903714   |

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| Google LLC                                                                                    | H01L 23/40                                                                                                       | 40053444 | EP3869550   |
| Google LLC                                                                                    | G02B 26/08                                                                                                       | 40053462 | CN112817146 |
| Google LLC                                                                                    | H04N 5/225, B62D<br>63/02, G06K 19/06,<br>H04N 5/262, H04N 5/265                                                 | 40053533 | CN112887529 |
| Google LLC                                                                                    | H03K 19/17748, G06N<br>3/00, G06F 15/78                                                                          | 40053672 | EP3824554   |
| Google LLC                                                                                    | G06F 9/50, G06F 15/173                                                                                           | 40053729 | CN112889032 |
| HAISCO<br>PHARMACEUTICALS<br>PTE. LTD.                                                        | C07D 487/04, C07D<br>403/00, A61P 35/00,<br>A61P 29/00, A61P<br>37/06, A61P 19/02,<br>A61P 25/00, A61K<br>31/395 | 40053673 | CN113544130 |
| HEXIGONE<br>INHIBITORS LTD                                                                    | C09D 5/08                                                                                                        | 40053473 | GB2588924   |
| HIFIBIO (HONG<br>KONG) LIMITED 高誠<br>生物醫藥(香港)有限公<br>司                                         | C07K 16/28, C12N<br>15/13, A61K 39/395,<br>A61K 45/06, A61P 35/00                                                | 40053431 | CN113045655 |
| HOUSING &<br>DEVELOPMENT BOARD<br>建屋發展局<br>National<br>University of<br>Singapore 新加坡國<br>立大學 | G01N 33/24, G06N<br>20/00, G06T 7/40                                                                             | 40053675 | CN113167780 |
| Hempire<br>(Shanghai)<br>Pharmaceutical<br>R&D Limited 龍麻<br>(上海) 醫藥研發有限責<br>任公司              | A61K 31/05, A61K<br>36/60, A61P 25/28,<br>A61P 25/16, A61K<br>127/00, A61K 133/00                                | 40053508 | CN113368086 |
| Hong Kong Applied<br>Science and<br>Technology<br>Research<br>Institute Company<br>Limited    | H02H 3/087, H02H 7/26                                                                                            | 40053661 | CN112840517 |
| I.C. MEDICAL,<br>INC. I.C. 醫療股份有<br>限公司                                                       | A61B 18/12, A61B 18/14                                                                                           | 40053523 | CN112914714 |
| I4F LICENSING NV<br>I4F 許可有限責任公司                                                              | E04F 15/02, E04F 15/10                                                                                           | 40053722 | CN112912575 |
| I4F LICENSING NV<br>I4F 許可有限責任公司                                                              | E04F 15/02, E04F<br>13/08, E04F 15/10                                                                            | 40053723 | CN112912576 |
| I4F LICENSING NV<br>I4F 許可有限責任公司                                                              | E04F 15/02, E04F<br>15/10, B32B 21/02,<br>B32B 27/30                                                             | 40053724 | CN112955613 |

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| ILLUMINA<br>CAMBRIDGE LIMITED                                            | C07D 403/06, C07D<br>209/08, C09B 23/02,<br>C09B 23/06, G01N<br>33/00, G01N 33/533 | 40053552 | EP3831825   |
| ILLUMINA, INC.<br>ILLUMINA 公司                                            | C12N 15/10, C12Q<br>1/6827, C12Q 1/6869                                            | 40053733 | CN112840023 |
| IMPULSE DYNAMICS<br>N.V.                                                 | H04W 12/00, H04W<br>12/04, H04W 52/00                                              | 40053663 | EP3808120   |
| IMPULSE DYNAMICS<br>NV 脉冲动力公司                                            | H04B 5/00, A61N 1/372                                                              | 40053725 | CN113169761 |
| INSTIL BIO (UK)<br>LIMITED                                               | C07K 14/72, C12N<br>5/0783                                                         | 40053670 | EP3810646   |
| INVECTYS SA                                                              | A61K 39/00, C07K<br>16/28, A61P 35/00,<br>A61P 31/12                               | 40053755 | EP3843778   |
| IceCure Medical<br>Ltd. 艾斯酷瑞医药有<br>限公司                                   | A61B 18/02                                                                         | 40053436 | CN113243983 |
| Ideal Standard<br>International NV                                       | E03D 11/14, F16B<br>21/07, E03C 1/042,<br>E03C 1/322, E03D 13/00                   | 40053555 | GB2592200   |
| Illumina<br>Cambridge Limited                                            | C12N 15/10, C40B<br>40/06, C12Q 1/68                                               | 40053507 | EP3913053   |
| Illumina, Inc. 伊<br>鲁米那股份有限公司                                            | G06T 3/40, G06T 7/00,<br>G06T 7/90, G06T 13/80                                     | 40053423 | CN112927130 |
| Illumina, Inc. 伊<br>鲁米那股份有限公司                                            | G02B 21/36                                                                         | 40053445 | CN112925091 |
| Illumina, Inc. 伊<br>鲁米那股份有限公司                                            | G02B 21/36                                                                         | 40053450 | CN112925090 |
| Illumina, Inc. 億<br>明達股份有限公司                                             | C12N 15/10, C12Q<br>1/6816, C12Q 1/6869                                            | 40053631 | CN112941065 |
| Immatics<br>Biotechnologies<br>GmbH                                      | A61K 39/00, C07K<br>14/47, C07K 7/06                                               | 40053627 | EP3915577   |
| 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 36/904, A61P<br>11/00, A61P 11/14,<br>A61P 11/06, A61K 33/06                  | 40053516 | CN112843192 |
| 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, A61P<br>1/04, A61K 35/618,<br>A61K 33/26                             | 40053517 | CN112843162 |
| Incyte<br>Corporation                                                    | C07D 487/04, A61K<br>31/519, A61P 35/00                                            | 40053475 | EP3831833   |
| Incyte<br>Corporation                                                    | C07D 215/40, C07D<br>471/04, A61K 31/4375,                                         | 40053556 | EP3828171   |

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|                                                 | A61K 31/47, A61K 31/519, A61K 31/4985, A61P 35/00, A61P 31/00, A61P 31/12, A61P 35/04, A61P 11/06, A61P 3/00, A61P 9/10 |          |             |
| Inscripta, Inc.                                 | C12N 15/10, G01N 35/00, G01N 35/04                                                                                      | 40053472 | EP3848459   |
| InterDigital VC Holdings, Inc.                  | G06T 5/00                                                                                                               | 40053718 | EP3821392   |
| Ionis Pharmaceuticals, Inc.                     | C12N 15/113, A61K 31/712, A61K 31/7125, A61P 3/06                                                                       | 40053557 | EP3828275   |
| Iovance Biotherapeutics, Inc.                   | C12Q 1/6883                                                                                                             | 40053750 | EP3908678   |
| JPMorgan Chase Bank, N.A. 摩根大通国家银行              | G06Q 10/10, G06F 21/62, G06N 20/00                                                                                      | 40053730 | CN113557541 |
| Janssen Biotech, Inc.                           | A61K 39/395, C07K 16/24, A61P 9/00, A61P 9/10, A61P 41/00                                                               | 40053657 | CN113018431 |
| Joby Aero, Inc.                                 | G06Q 10/02, B64F 1/30                                                                                                   | 40053689 | EP3815010   |
| Juul Labs, Inc.                                 | A24F 47/00, A61M 15/00                                                                                                  | 40053463 | EP3821735   |
| Juul Labs, Inc.                                 | A24F 47/00, A61M 15/06, A61M 11/04, H05B 3/00, A61M 16/00                                                               | 40053738 | EP3829366   |
| KABUSHIKIKAISHA MIYAKO ROLLER KOGYO 都滾筒工業股份有限公司 | B05C 1/08                                                                                                               | 40053449 | CN113385363 |
| Karnak Technologies, LLC 卡纳克科技有限责任公司            | A61K 9/00, A61K 36/185, A61K 9/14, A61K 31/352                                                                          | 40053715 | CN113473965 |
| Kymera Therapeutics, Inc.                       | A61K 39/395, A61K 47/64, A61K 47/68                                                                                     | 40053746 | EP3886904   |
| LANDA CORPORATION LTD. 兰达公司                     | B41J 2/01, B41J 29/393                                                                                                  | 40053461 | CN112848683 |
| LG ELECTRONICS INC. LG 电子株式会社                   | F04F 5/16, F04F 5/44                                                                                                    | 40053626 | CN113669306 |
| LG FAROUK CO. LG 法鲁克股份公司                        | A45D 19/00, B67D 3/00                                                                                                   | 40053674 | CN112930128 |
| LG HOUSEHOLD & HEALTH CARE LTD. 株式会社 LG 生活健康    | A61N 1/30, A61N 1/32, A61N 5/06, A61M 37/00,                                                                            | 40053432 | CN112791308 |

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| AMONSENSE CO.,<br>LTD. 阿莫先恩电子电<br>器有限公司                                                                           | A61H 7/00, A61H 23/02,<br>A61N 1/36, A61F 7/00                                   |          |             |
| La Marzocco<br>S.r.l.                                                                                             | A47J 31/00                                                                       | 40053683 | EP3876799   |
| Lyndra<br>Therapeutics,<br>Inc.                                                                                   | A61F 2/00                                                                        | 40053710 | EP3836866   |
| MARCOYPE, S.L. 马<br>科伊佩有限公司                                                                                       | G07F 17/32, G06Q 50/34                                                           | 40053455 | CN113643485 |
| MECO SA                                                                                                           | G04B 3/04, G04B 27/00,<br>G04B 27/02, G04B 29/04                                 | 40053548 | CN112882371 |
| MEI Pharma, Inc.                                                                                                  | A61K 31/5377, A61P<br>35/02, A61P 35/04                                          | 40053748 | EP3836936   |
| MEI Pharma, Inc.                                                                                                  | A61K 31/5375, A61K<br>31/5377                                                    | 40053749 | EP3836935   |
| MEREO BIOPHARMA 1<br>LIMITED                                                                                      | C07C 253/30                                                                      | 40053665 | EP3856712   |
| MIE UNIVERSITY 国<br>立大学法人三重大学<br>KYOTO UNIVERSITY<br>国立大学法人京都大学<br>CHUGAI SEIYAKU<br>KABUSHIKI KAISHA<br>中外制药株式会社 | A61K 39/00, A61K<br>39/39, A61P 35/00,<br>A61P 37/04, A61K 47/69                 | 40053719 | CN113329764 |
| mitsubishi<br>ELECTRIC<br>CORPORATION 三菱电<br>机株式会社                                                                | H01M 50/244, H01M<br>50/247, H01M 50/262,<br>H04Q 9/00                           | 40053721 | CN113597704 |
| MJN U.S. HOLDINGS<br>LLC                                                                                          | A23L 33/18, A23L<br>33/17, A23C 9/152                                            | 40053466 | CN112806580 |
| MacroGenics, Inc.<br>宏观基因有限公司                                                                                     | C07K 16/30, C07K<br>14/46, C12N 15/13,<br>A61K 39/395, A61P<br>35/00, A61P 31/00 | 40053460 | CN113549153 |
| Mara Renewables<br>Corporation                                                                                    | C12N 1/12, C12P 7/64,<br>C12Q 3/00                                               | 40053630 | EP3839041   |
| Markforged, Inc.                                                                                                  | B22F 3/10, C08L 23/06,<br>C08L 23/12, C08K 5/09,<br>C08L 91/06, C08L 23/08       | 40053681 | EP3814037   |
| Microbion<br>Corporation                                                                                          | A01N 25/08, A01N<br>43/16, A01N 43/36                                            | 40053676 | EP3829299   |
| Micronet Co. Ltd.<br>微网股份有限公司                                                                                     | G06K 9/00                                                                        | 40053660 | CN110892412 |
| NANKAI UNIVERSITY<br>南開大學                                                                                         | C07K 16/28, C12N<br>15/13, A61K 39/395,<br>A61K 45/06, A61P 35/00                | 40053430 | CN113045654 |

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| 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                                                 | 40053422 | GB2588867   |
| NEWSOARA<br>BIOPHARMA CO.,<br>LTD. 恒翼生物醫藥科<br>技(上海)有限公司                      | A61K 31/437, A61K<br>31/506, A61K 31/519,<br>A61K 31/565, A61P<br>35/00, C07D 401/14,<br>C07D 471/04, C07D<br>487/04, C07J 31/00 | 40053731 | CN112912078 |
| NIKE INNOVATE<br>C.V. 耐克创新有限合<br>伙公司                                         | A43B 1/04                                                                                                                        | 40053712 | CN112867412 |
| NIKE INNOVATE<br>C.V. 耐克创新有限合<br>伙公司                                         | D04B 1/12, A43B 1/04                                                                                                             | 40053754 | CN112912549 |
| NITTO BOSEKI CO.,<br>LTD.                                                    | C03C 13/00, C08J 5/08                                                                                                            | 40053691 | CN113474310 |
| Nike Innovate<br>C.V. 耐克创新有限合<br>伙公司                                         | B29C 64/10, B29C<br>64/20, B29C 64/112,<br>B33Y 10/00, B33Y<br>30/00, A43B 23/02,<br>A43D 3/02, D04C 3/00,<br>B29L 31/50         | 40053633 | CN113059790 |
| Novartis AG                                                                  | A61K 31/397, A61K<br>9/20, A61P 21/00, A61P<br>25/28, A61P 37/00                                                                 | 40053433 | EP3831378   |
| OITA UNIVERSITY<br>INSTITUTE OF<br>ADVANCED<br>MEDICINE, INC.                | C07D 471/08, A61K<br>31/439, A61P 31/14,<br>C07D 487/18                                                                          | 40053743 | CN112839944 |
| ONE CONNECT SMART<br>TECHNOLOGY CO.,<br>LTD. (SHENZHEN)<br>深圳壹账通智能科技有<br>限公司 | G06K 9/62, G06N 3/04,<br>G06N 3/08                                                                                               | 40053518 | CN113052262 |
| ONE CONNECT SMART<br>TECHNOLOGY CO.,<br>LTD. (SHENZHEN)<br>深圳壹账通智能科技有<br>限公司 | H04L 29/08, H04L<br>12/26, H04L 12/24                                                                                            | 40053558 | CN113518119 |
| ONE CONNECT SMART<br>TECHNOLOGY CO.,<br>LTD. (SHENZHEN)<br>深圳壹账通智能科技有<br>限公司 | H04L 29/08, H04L<br>29/06, H04L 12/24                                                                                            | 40053559 | CN113489770 |
| ONO<br>Pharmaceutical<br>Co., Ltd. 小野藥品<br>工業株式會社                            | C07D 498/04, A61P<br>31/00, A61P 35/00,<br>A61P 35/02, C07D<br>513/04, A61K 31/437,<br>A61K 45/00                                | 40053745 | CN112867721 |



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| Oncour Pharma, Inc.                   | A61K 9/51, A61K 9/14, A61K 47/69, C12N 5/09                                | 40053739 | EP3829548   |
| PELOTON INTERACTIVE, INC. 珀洛顿互动公司     | A63B 21/005, A63B 21/015, A63B 22/06                                       | 40053686 | CN112789089 |
| PERCEPTIVE INC.                       | G01S 17/32, G01S 7/491, G01S 7/48, G01S 7/481, G01S 17/36                  | 40053684 | EP3814802   |
| PIERIS PHARMACEUTICALS GMBH 皮里斯制药有限公司 | C07K 16/28, C07K 14/47, A61K 38/00, A61P 35/00                             | 40053668 | CN112789292 |
| LES LABORATOIRES SERVIER 瑟维尔实验室       |                                                                            |          |             |
| PLAT'HOME CO., LTD. 普拉特家有限公司          | G06Q 30/06, G06F 21/64                                                     | 40053735 | CN113196327 |
| POMA                                  | A63G 27/02                                                                 | 40053562 | EP3862063   |
| POMA                                  | A63G 27/00                                                                 | 40053563 | EP3871745   |
| POMA                                  | B61B 9/00, B66B 5/16                                                       | 40053571 | EP3848267   |
| PONY AI INC. 小马智行                     | G01S 7/481, G01S 17/02, G01S 17/88, G05D 1/02                              | 40053690 | CN112912755 |
| PROVENTION BIO, INC. 普瑞文森生物有限公司       | A61P 5/48, A61K 38/28, A61P 5/50                                           | 40053741 | CN112839707 |
| PTC Therapeutics, Inc. PTC 醫療公司       | C07D 271/06, A61P 35/00, A61K 31/4245                                      | 40053459 | EP3889142   |
| Philip Morris Products S.A.           | A24F 40/40, A24F 40/50                                                     | 40053447 | EP3845080   |
| Philip Morris Products S.A.           | A24F 40/50, A61M 15/06, A61M 11/04                                         | 40053448 | EP3850964   |
| Philip Morris Products S.A.           | A24F 40/465, A24F 40/50, H05B 6/10, A24F 40/20                             | 40053573 | EP3871521   |
| Phoenix Industries Pty Ltd 菲尼克斯工业有限公司 | F16K 11/02, F16K 31/50, F16K 31/60, G05D 7/00                              | 40053554 | CN112855983 |
| Pismo Labs Technology Limited         | H04W 8/18, H04W 28/10                                                      | 40053428 | CN112911579 |
| PlusAI Limited                        | G06T 7/73                                                                  | 40053622 | EP3836086   |
| Pony AI Inc. 小马智行                     | G10L 21/0208, G10L 21/0272, B60W 30/09, B60W 30/095, B60T 7/22, B60R 16/02 | 40053413 | CN112750450 |

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| Pony AI Inc. 小马智行                        | B60H 1/00                                                                                                                  | 40053414 | CN112744047 |
| Pony AI Inc. 小马智行                        | G01M 17/04, G01H 17/00, G08B 21/18                                                                                         | 40053415 | CN112747944 |
| Power Box AG                             | E05D 7/14, E05G 1/00, E05G 1/02                                                                                            | 40053480 | EP3910141   |
| President and Fellows of Harvard College | A61K 38/46, C07K 14/315                                                                                                    | 40053566 | EP3842063   |
| Pressalit A/S                            | G06Q 10/02, G06Q 10/06                                                                                                     | 40053452 | EP3859616   |
| Provincial Health Services Authority     | C07K 14/68, A61K 51/08, A61P 35/04, C07K 14/575, C07K 14/665, C07K 7/06, C07K 7/56, G01T 1/164                             | 40053702 | EP3820886   |
| Purdue Research Foundation               | A61K 31/426, A61K 31/4745, A61K 31/475, A61K 47/54, A61K 49/00, A61K 51/04, A61P 13/08, A61P 25/28, A61P 35/00, A61P 43/00 | 40053547 | EP3831380   |
| QUALCOMM Incorporated 高通股份有限公司           | H04W 48/20, H04B 7/06, H04W 88/06                                                                                          | 40053711 | CN113273253 |
| RAI Strategic Holdings, Inc.             | A24F 40/57                                                                                                                 | 40053632 | EP3831225   |
| RECHERCHE 2000 INC. 睿微馳 2000 有限公司        | C25B 1/46, C25B 15/023                                                                                                     | 40053623 | CN113136592 |
| RED DEVIL, INC. 红魔鬼公司                    | B05C 17/005, B05C 17/01                                                                                                    | 40053696 | EP3829783   |
| REDOX POWER SYSTEMS LLC                  | H01M 8/126, H01M 8/1226, H01M 4/88, H01M 4/90, C04B 35/64, H01M 8/124                                                      | 40053664 | EP3853937   |
| Rinnai Corporation 林内株式会社                | F16K 17/20, F16K 47/02                                                                                                     | 40053545 | CN113494635 |
| S9, LLC S9 公司                            | A43B 13/32, A43B 13/14, A43B 13/22                                                                                         | 40053479 | CN113615934 |
| SANYO DENKI CO., LTD. 山洋電氣株式會社           | H02K 1/18, H02K 5/18                                                                                                       | 40053453 | CN113054768 |
| SEMSYSCO GMBH 胜思科技有限公司                   | C25D 21/10, C25D 5/08, C25D 17/00                                                                                          | 40053488 | EP3825445   |
| SHANGHAI SENSETIME INTELLIGENT           | G06T 7/136, G06N 3/04, G06N 3/08                                                                                           | 40053443 | CN113470057 |

TECHNOLOGY CO.,  
LTD. 上海商汤智能科  
技有限公司

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| SICPA HOLDING SA<br>錫克拜控股有限公司 | B05D 3/00, B05D 3/06,<br>B05D 5/06, B42D 25/30,<br>G06K 19/12, B42D<br>25/369, B42D 25/387,<br>B42D 25/41 | 40053706 | CN113631282 |
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| SIEMENS SCHWEIZ<br>AG | G08B 17/113 | 40053762 | EP3899893 |
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| SPEEDTECH CO.,<br>LTD. 株式会社斯皮德<br>HAN, Jang Young<br>韩长英 | B62M 11/04, B62M 11/14 | 40053687 | CN113226909 |
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| SUBCHONDRAL<br>SOLUTIONS, INC. | A61B 17/56, A61F 2/30 | 40053439 | EP3838195 |
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| SYNTORR, INC. | D04B 21/20, A61B<br>17/06, D04B 1/22, D04C<br>1/12, A61B 17/00 | 40053506 | EP3835470 |
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| Sage<br>Therapeutics,<br>Inc. | C07J 43/00, C07J 9/00,<br>A61K 31/58, A61P<br>23/00, A61P 25/20,<br>A61P 25/08, A01N<br>51/00, A61K 31/575,<br>A61K 45/06, A61P<br>25/00, A61P 25/06,<br>A61P 25/14, A61P<br>25/18, A61P 25/28,<br>C07J 1/00, C07J 3/00,<br>C07J 5/00, C07J 7/00,<br>C07J 11/00, C07J<br>13/00, C07J 21/00,<br>C07J 31/00, C07J<br>41/00, C07J 51/00,<br>C07J 71/00 | 40053469 | EP3885352 |
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| Sage<br>Therapeutics,<br>Inc. | C07J 9/00, A61K<br>31/566, A61P 25/00,<br>A61P 1/04, A61P 3/10,<br>A61P 25/20, A61P<br>35/00, A61P 43/00,<br>A61K 31/575, C07J 7/00 | 40053565 | EP3828194 |
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| Sarine<br>Technologies Ltd. | G01N 21/87, G06T<br>15/00, G01N 33/00 | 40053717 | EP3821234 |
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| 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 | C07D 333/60, C07D<br>333/58, C07D 333/56,<br>C07D 409/12, A61K<br>31/381, A61P 35/00 | 40053728 | EP3907221 |
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| Skyworks<br>Solutions, Inc.<br>天工方案公司 | H02M 1/08, H02M 1/084,<br>H02M 1/088, H02M<br>7/537, H02P 25/16 | 40053505 | CN112838746 |
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| Snap-on Incorporated 施耐宝公司                                                 | B25F 5/02, B25B 13/46, B25B 21/00, B25G 1/00                                                                    | 40053569 | GB2595064   |
| Soter Technologies, LLC                                                    | G08B 21/12, G08B 27/00                                                                                          | 40053437 | EP3905211   |
| Supracor, Inc.                                                             | A47C 31/00, A47C 16/00, A61G 5/10, A47C 20/02, B68G 5/00, A47C 27/08                                            | 40053694 | EP3855980   |
| SÄNTIS PACKAGING AG 桑蒂斯包裝股份公<br>司<br>EURO-CAPS HOLDING B.V. 優卡普斯控<br>股有限公司 | B65D 85/804                                                                                                     | 40053667 | CN113302138 |
| TCR2 Therapeutics Inc.                                                     | C07K 14/435, C07K 14/705, C07K 14/715, C07K 14/725, C07K 16/28, C07K 16/30, G01N 33/574, C12N 15/12, C12N 15/63 | 40053736 | EP3827013   |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 騰訊科技(深圳)有限公司                 | A63F 13/86, A63F 13/40, G06F 9/451                                                                              | 40053490 | CN113457173 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 騰訊科技(深圳)有限公司                 | A63F 13/35                                                                                                      | 40053491 | CN113509719 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 騰訊科技(深圳)有限公司                 | A63F 13/56, A63F 13/837                                                                                         | 40053492 | CN113559517 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 騰訊科技(深圳)有限公司                 | H04N 21/4728, H04N 21/488                                                                                       | 40053493 | CN113542892 |
| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 騰訊科技(深圳)有限公司                 | G09G 3/36, G09G 3/34                                                                                            | 40053495 | CN113470588 |

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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 3/02                             | 40053496 | CN113552952 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 3/01, G06F 3/14                  | 40053497 | CN113467619 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/31                            | 40053498 | CN113559497 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/33, A63F<br>13/52, A63F 13/86 | 40053499 | CN113457123 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/55                            | 40053500 | CN113457152 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 3/0488, G06F<br>3/0484           | 40053501 | CN113568555 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/60, A63F 13/52                | 40053502 | CN113521743 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06T 7/00, G06T 7/13,<br>G06N 3/04    | 40053510 | CN113538324 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED                 | A63F 13/56, G06T 17/00                | 40053511 | CN113559513 |

## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | G06K 9/20, G06K 9/32, G06K 9/34, G06K 9/46, G06K 9/62, G06N 3/04, G06N 3/08 | 40053512 | CN113496225 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | H04N 21/431, H04N 21/44, H04N 21/4402, H04N 21/441, H04N 21/845 | 40053513 | CN113518256 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | H04N 21/2187, H04N 21/431 | 40053514 | CN113490010 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | H04N 21/2187, H04N 21/262, H04N 21/472, H04N 21/475, H04N 21/478, H04N 21/482, H04N 21/81 | 40053515 | CN113518237 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | A63F 13/5372, A63F 13/52, A63F 13/87, A63F 13/847 | 40053521 | CN113457150 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | A63F 13/56, A63F 13/577 | 40053522 | CN113559516 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | A63F 13/2145, A63F 13/55, A63F 13/837, G06F 3/0486 | 40053524 | CN113559494 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | A63F 13/533, G06F 9/451 | 40053525 | CN113499587 |
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## 騰訊科技(深圳)有限公司

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| TENCENT TECHNOLOGY | G06Q 40/02 | 40053526 | CN113469799 |
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(SHENZHEN)  
COMPANY LIMITED  
腾讯科技(深圳)有限公司

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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/52, A63F<br>13/837, A63F 13/533,<br>A63F 13/55 | 40053527 | CN113499583 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/56, A63F<br>13/577, A63F 13/837 | 40053528 | CN113559515 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/55, A63F<br>13/803 | 40053529 | CN113457151 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/573, A63F<br>13/42, A63F 13/52 | 40053530 | CN113509729 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/497, A63F<br>13/52, A63F 13/63 | 40053531 | CN113509720 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 16/9535 | 40053542 | CN113569125 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | A63F 13/60, G06T 17/20 | 40053543 | CN113457162 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 16/9535, G06F<br>16/9537, G06F 16/9538,<br>G06F 16/906 | 40053635 | CN113641916 |
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| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 16/27, G06F<br>21/64, G06F 9/54, G06Q<br>40/04            | 40053636 | CN113609222 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06K 9/62                                                      | 40053637 | CN113673547 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06Q 40/02                                                     | 40053638 | CN113657988 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 9/50                                                      | 40053640 | CN113641498 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 21/62, G06F<br>21/64, G06F 16/955                         | 40053641 | CN113642040 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | H04N 21/2187, H04N<br>21/431, H04N 21/472,<br>H04N 21/4788     | 40053656 | CN113596490 |
| TENCENT<br>TECHNOLOGY<br>(SHENZHEN)<br>COMPANY LIMITED<br>腾讯科技(深圳)有限公司 | G06F 40/58, G06F 40/42                                         | 40053659 | CN113609873 |
| THALES CANADA<br>INC.                                                  | B61L 25/02, G01C<br>21/12, G01C 9/20                           | 40053698 | EP3898380   |
| THE SWATCH GROUP<br>RESEARCH AND<br>DEVELOPMENT LTD.                   | G04G 21/00, G04B 3/04,<br>G04C 3/00, G04R 60/06,<br>G04R 60/10 | 40053620 | CN112947037 |
| THE SWATCH GROUP<br>RESEARCH AND<br>DEVELOPMENT LTD.                   | G04B 3/04, G04C 3/00,<br>G04G 21/00, G04R<br>60/06, G04R 60/10 | 40053621 | CN112947024 |



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| THE UNIVERSITY OF<br>HONG KONG 香港大学                                        | A61K 38/16, A61K<br>33/243, A61P 35/00,<br>A61P 35/04, C07K<br>14/415, C07K 1/36,<br>C07K 1/34, C07K 1/16 | 40053544 | CN113350481 |
| TISSOT S.A.                                                                | G06F 21/32                                                                                                | 40053456 | CN112926040 |
| TISSOT S.A.                                                                | H04L 29/08, H04L 29/06                                                                                    | 40053458 | CN112929403 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06F 16/45                                                                                                | 40053416 | CN113392236 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06F 16/33, G06F<br>40/211, G06F 40/186,<br>G06N 3/04                                                     | 40053417 | CN113407663 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06F 40/258, G06F<br>40/289, G06N 3/04                                                                    | 40053418 | CN113392639 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06F 16/33, G06F<br>40/211, G06F 40/253,<br>G06F 40/295, G06N<br>3/04, G06N 3/08, G06N<br>20/00           | 40053574 | CN113569003 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06Q 50/02, G06Q<br>10/06, G06N 3/08, G06N<br>3/04                                                        | 40053575 | CN113538162 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G06Q 10/10, G06F 16/33                                                                                    | 40053576 | CN113469660 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公<br>司 | G16B 15/20, G06T 17/20                                                                                    | 40053577 | CN113571122 |
| Tencent<br>Technology<br>(Shenzhen)                                        | H04N 7/14, H04L 12/58,<br>G06Q 20/06                                                                      | 40053578 | CN113542653 |

Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 8/20, G06F 8/34, G06F 8/41, G06F 8/65, G06F 8/71 | 40053579 | CN113515269 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06K 9/62, G06N 3/04 | 40053580 | CN113569890 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 30/15, G06F 30/20, G08G 1/01, G08G 1/08 | 40053581 | CN113505446 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 30/20, G06F 21/30, G06F 119/02 | 40053582 | CN113569406 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | H04N 21/472, H04N 21/482 | 40053583 | CN113518264 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06K 9/00, G06K 9/62, G06T 5/30 | 40053584 | CN113516105 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06T 5/00, G06T 7/13 | 40053585 | CN113487523 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 16/9535, G06N 3/08, G06N 3/04 | 40053586 | CN113569130 |
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Company Limited  
騰訊科技(深圳)有限公司

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| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G10L 19/16, G10L<br>25/57, G10H 1/46, G10L<br>19/00             | 40053587 | CN113539279 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G01C 21/36                                                      | 40053588 | CN113514075 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G06F 16/33, G06F<br>16/35, G06F 16/31,<br>G06N 20/00, G06N 3/08 | 40053589 | CN113505204 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G08G 1/0968                                                     | 40053590 | CN113470411 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G06T 7/90, G06T 11/40,<br>G06F 16/957                           | 40053591 | CN113538601 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G06F 30/18, G06F<br>111/02                                      | 40053592 | CN113569369 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | G06K 9/62, G06K 9/46,<br>G06N 3/08, G06N 3/04                   | 40053593 | CN113486914 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited<br>腾讯科技(深圳)有限公司 | H04L 9/08, H04L 29/06,<br>H04L 29/08                            | 40053594 | CN113556227 |
| Tencent<br>Technology<br>(Shenzhen)<br>Company Limited                 | H04L 29/08, H04L 29/06                                          | 40053595 | CN113556387 |

## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | H04W 12/06, H04L 9/06, H04L 9/32, H04W 12/0431, H04W 12/069, H04W 76/10 | 40053596 | CN113543131 |
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## 騰訊科技(深圳)有限公司

|                                               |                                                       |          |             |
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| Tencent Technology (Shenzhen) Company Limited | G06K 9/62, G06K 9/46, G06K 9/00, G06N 3/08, G06N 3/04 | 40053597 | CN113505866 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 16/33, G06F 16/35, G06F 40/289 | 40053598 | CN113569001 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 40/295, G06F 40/289, G06F 40/30, G06F 40/126, G06N 3/04, G06N 3/08 | 40053599 | CN113536793 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06K 9/00, G06K 9/62 | 40053600 | CN113515994 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | H04L 29/08, H04L 12/58 | 40053601 | CN113572802 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06T 7/11, G06T 7/13, G06T 11/40 | 40053602 | CN113570615 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06Q 10/06, G06Q 40/04 | 40053603 | CN113537685 |
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## 騰訊科技(深圳)有限公司

## 騰訊科技(深圳)有限公司

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|---------------------------------------------------------------|------------------------------------------------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 16/338, G06F 40/30                                                      | 40053604 | CN113569037 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 16/332, G06F 40/35                                                      | 40053605 | CN113515601 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | H04N 21/4788, H04N 21/262, H04N 21/43, H04N 21/431, H04N 21/482, H04N 21/466 | 40053606 | CN113573154 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | H04L 29/06, H04L 29/12, H04W 28/06                                           | 40053607 | CN113518085 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | G06F 8/65, A63F 13/40                                                        | 40053608 | CN113467807 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | H04W 24/02, H04W 56/00, H04W 76/11, H04W 76/30                               | 40053609 | CN113556763 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | H04W 24/02, H04W 28/02                                                       | 40053610 | CN113543177 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司 | H04L 29/12, H04L 12/58, H04L 29/08                                           | 40053611 | CN113572864 |
| Tencent Technology (Shenzhen) Company Limited                 | H04L 29/08, H04L 29/12                                                       | 40053612 | CN113572835 |

## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | H04W 4/06, H04W 72/04 | 40053613 | CN113490156 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | H04W 4/06, H04W 24/02 | 40053614 | CN113490155 |
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## 騰訊科技(深圳)有限公司

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|-----------------------------------------------|------------------------------------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited | H04L 12/58, H04L 12/18, G08B 25/01, G08B 25/08 | 40053615 | CN113542101 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 40/166, G06N 20/00 | 40053616 | CN113536743 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 3/0484, G06F 3/0481 | 40053617 | CN113485619 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06T 15/00, G06K 9/00, G10L 15/02, G10L 15/06, G10L 15/16, G10L 15/25, G06N 3/04 | 40053618 | CN113554737 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | G06F 9/4401 | 40053619 | CN113467847 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology (Shenzhen) Company Limited | H04N 21/439, H04N 21/44 | 40053642 | CN113573136 |
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## 騰訊科技(深圳)有限公司

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| Tencent Technology | G06K 9/00, G06N 3/04 | 40053643 | CN113569824 |
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(Shenzhen)  
Company Limited  
騰訊科技(深圳)有限公司

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|---------------------------------------------------------------|-----------------------|----------|-------------|
| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06T 11/00, G06T 7/90 | 40053644 | CN113570678 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06T 5/00, G06T 5/50, G06N 3/04, G06N 3/08 | 40053645 | CN113538254 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06F 16/9535, G06Q 30/06, G06N 20/00 | 40053646 | CN113515690 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06F 16/583, G06K 9/00, G06F 21/62 | 40053647 | CN113505260 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06F 16/9535, G06F 16/901, G06K 9/62, G06N 3/04, G06N 3/08 | 40053648 | CN113553514 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06K 9/00 | 40053649 | CN113505652 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06K 9/00, G06K 9/34, G06N 3/04 | 40053650 | CN113569822 |
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| Tencent Technology (Shenzhen) Company Limited<br>騰訊科技(深圳)有限公司 | G06Q 40/04, G06F 21/62, G06F 21/64 | 40053651 | CN113570466 |
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| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司                                                     | G06F 16/27, G06Q 20/38                                                                      | 40053652 | CN113568981 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司                                                     | H04L 12/24, H04L 29/08, H04L 9/32                                                           | 40053653 | CN113518005 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司                                                     | H04N 21/431, H04N 21/2187, H04N 21/4788, H04N 21/262, H04N 21/472, H04N 21/234, H04N 21/235 | 40053654 | CN113542845 |
| Tencent Technology (Shenzhen) Company Limited<br>腾讯科技(深圳)有限公司                                                     | G06T 9/00, G06F 21/60                                                                       | 40053655 | CN113516723 |
| The Board of Trustees of the Leland Stanford Junior University Board of Regents of the University of Texas System | C12N 15/85                                                                                  | 40053494 | EP3839050   |
| The Chinese University of Hong Kong 香港中文大学                                                                        | C12Q 1/6883, C12Q 1/68                                                                      | 40053487 | EP3910072   |
| The United States of America, as represented by The Secretary, Department of Health and Human Services            | A61K 35/17, C12N 5/0783, A61K 39/00, A61P 35/00, A61P 35/02                                 | 40053468 | EP3821898   |
| The University of North Carolina at Chapel Hill The General Hospital Corporation                                  | C07K 16/30, C07K 14/705, C12N 5/078, A61K 35/17, G01N 33/574, A61P 35/00                    | 40053685 | EP3814383   |
| Toshiba Elevator Kabushiki Kaisha                                                                                 | B66B 1/20, B66B 1/34, B66B 3/00                                                             | 40053476 | CN113120712 |
| Translate Bio, Inc.                                                                                               | A61K 9/00, A61K 9/127, A61K 9/16                                                            | 40053756 | EP3826608   |



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| UNIVERSAL CITY STUDIOS LLC                                         | G07C 11/00, G06Q 10/02                                                                                                | 40053546 | CN112884967 |
| UNIVERSITÄT ZÜRICH 苏黎世大学                                           | A61B 17/00, A61B 17/12, A61M 25/00, A61M 25/10                                                                        | 40053726 | CN112955079 |
| United Microelectronics Centre (Hong Kong) Limited 聯合微電子中心(香港)有限公司 | G06N 3/04, G06N 3/08                                                                                                  | 40053477 | CN113177627 |
| United Microelectronics Centre (Hong Kong) Limited 聯合微電子中心(香港)有限公司 | G06N 3/063, G06N 3/04, G06N 3/08                                                                                      | 40053478 | CN113177638 |
| Unity Biotechnology, Inc.                                          | C07F 9/6584, A61P 43/00, A61K 31/675                                                                                  | 40053662 | EP3788054   |
| University of Cincinnati                                           | A61K 31/195, A61P 9/04                                                                                                | 40053435 | EP3851100   |
| University of Tennessee Research Foundation                        | A61K 31/7088, C07C 219/06, C07C 229/12                                                                                | 40053752 | EP3823634   |
| University of Washington                                           | G01N 33/53, C12Q 1/48                                                                                                 | 40053709 | EP3867642   |
| VENEMAN, Ricky, Harman 里基·哈曼·维尼曼                                   | H02K 1/27, H02K 41/06, H02K 11/21                                                                                     | 40053727 | CN113366731 |
| VISHAY DALE ELECTRONICS, LLC 韦沙戴尔电子有限公司                            | H01C 1/032, H01C 1/084, H01C 1/142, H01C 1/144, H01C 1/148, H01C 7/06, H01C 7/18, H01C 17/00, H01C 17/065, H01C 17/28 | 40053471 | CN113012875 |
| VIVO MOBILE COMMUNICATION CO., LTD. 维沃移动通信有限公司                     | H04L 12/46, H04W 12/08                                                                                                | 40053678 | EP3896919   |
| VIZIONFOCUS INC. 望隼科技股份有限公司 El Dorado Co., Ltd. 株式会社爱尔哆啦哆          | C08K 3/013, C08K 5/00, G02B 1/04, G02C 7/04                                                                           | 40053446 | CN113462019 |
| Vaximm AG                                                          | A61K 39/00                                                                                                            | 40053732 | EP3846844   |
| Veltek Associates, INC.                                            | G01N 1/22, G01N 35/00, G01N 1/26                                                                                      | 40053483 | EP3851828   |

|                                                                                                 |                                                                                            |          |             |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------|-------------|
| ViiV Healthcare<br>UK (No.5) Limited                                                            | C07J 63/00, C12N 9/50,<br>A61K 31/575, A61K<br>31/56, A61K 31/58,<br>A61P 31/18            | 40053429 | EP3831839   |
| Voyager<br>Therapeutics,<br>Inc.                                                                | A61P 25/14, C12N 15/86                                                                     | 40053695 | EP3826719   |
| WILLIAM MARSH<br>RICE UNIVERSITY<br>威廉马歇莱思大学                                                    | B01L 7/00, G01N 21/00,<br>C12Q 1/00, G01N 21/62,<br>G01N 21/75                             | 40053742 | CN112996601 |
| Yumanity<br>Therapeutics,<br>Inc.                                                               | C12N 15/113, C12N<br>15/86                                                                 | 40053671 | EP3810777   |
| 北京極智嘉科技股份有<br>限公司                                                                               | B65G 1/04, B65G 1/137                                                                      | 40053737 | EP3872006   |
| 平安科技(深圳)有限公<br>司                                                                                | G06F 16/33, G06F<br>16/35, G06F 40/216,<br>G06F 40/289, G06Q<br>50/00                      | 40053567 | CN113094478 |
| 平安科技(深圳)有限公<br>司                                                                                | G06F 40/289, G06F<br>40/211, G06F 40/186,<br>G06K 9/62                                     | 40053568 | CN112949305 |
| 广州华大基因医学检验<br>所有限公司<br>深圳华大基因股份有限<br>公司<br>深圳华大临床检验中心                                           | C40B 80/00, C40B<br>50/06, C12Q 1/6806,<br>C12N 15/10, G16B 20/50                          | 40053427 | CN112795990 |
| 广州新科佳都科技有限<br>公司<br>广州华佳软件有限公司<br>佳都科技集团股份有限<br>公司<br>广东华之源信息工程有<br>限公司<br>广州佳都城轨智慧运维<br>服务有限公司 | G06F 30/27, G06K 9/62,<br>G06N 3/08, G06N 20/00                                            | 40053486 | CN113591377 |
| 株式會社伊勢藤                                                                                         | A47K 10/24                                                                                 | 40053419 | CN112773236 |
| 楊征                                                                                              | C07D 471/04                                                                                | 40053454 | CN112812112 |
| 武汉华大医学检验所有<br>限公司                                                                               | C12Q 1/6806, C12N<br>15/10, C40B 50/06,<br>C12Q 1/6869                                     | 40053465 | CN112824534 |
| 深圳华大基因股份有限<br>公司                                                                                | C12Q 1/6806, C12N<br>15/10, C40B 50/06                                                     | 40053426 | CN112795620 |
| 深圳壹账通智能科技有<br>限公司                                                                               | G06F 16/9535, G06F<br>16/951, G06F 16/45,<br>G06K 9/62, G06N 3/04,<br>G06N 3/08, G06K 9/20 | 40053539 | CN113407843 |

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|-------------------|-------------------------------------------------------------------------------------------------------------|----------|-------------|
| 深圳壹账通智能科技有<br>限公司 | G06K 9/00, G06K 9/46,<br>G06K 9/62, G06N 3/04,<br>G06N 3/08, G06K 9/38,<br>G06T 5/00                        | 40053540 | CN113420684 |
| 深圳壹账通智能科技有<br>限公司 | G06F 8/34, G06F 8/38,<br>G06F 40/183                                                                        | 40053549 | CN113064589 |
| 深圳壹账通智能科技有<br>限公司 | G06F 8/20, G06F 9/445,<br>G06F 11/36, G06F<br>16/25, G06F 16/27,<br>G06F 16/28, G06F<br>40/143, G06F 40/186 | 40053550 | CN113360139 |
| 深圳壹账通智能科技有<br>限公司 | G06F 16/9535, G06N<br>3/08                                                                                  | 40053551 | CN113515703 |
| 華為技術有限公司          | G06F 11/22                                                                                                  | 40053474 | CN113407391 |



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

1196261 - 40045509

|      |            |      |              |
|------|------------|------|--------------|
| [51] | A01G 22/00 | [11] | 1215353      |
|      | A01G 9/029 |      | EP2966977 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A01G 9/02  | [11] | 1215353      |
|      | A01G 9/029 |      | EP2966977 B1 |
|      |            | [13] | B            |

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| [51] | A01G 9/029 | [11] | 1215353      |
|      | A01G 9/02  |      | EP2966977 B1 |
|      | B65D 85/52 |      |              |
|      | G06Q 50/02 |      |              |
|      | G06Q 30/06 |      |              |
|      | A01G 22/00 |      |              |
|      |            | [13] | B            |

[25] EN

[21] 16103357.3 [22] 23.03.2016

[86] 13.03.2014 PCT/AU2014/000253

[87] 18.09.2014 WO2014/138794

[30] 13.03.2013 AU,2013900861

[54] METHOD OF SUPPLYING PLANTS  
供給植物的方法

[73] Goldfields Collections Pty Ltd  
461 Heatherton Road  
Clayton South Victoria 3169  
AUSTRALIA

[72] Nicolaas VAN ROOIJEN

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

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[51] A01N 25/30 [11] 40017309  
A01N 59/00 EP3576530 B1  
[13] B

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[51] A01N 37/12 [11] 1232126  
A61K 31/215 CN106456588 B  
[13] B

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[51] A01N 37/36 [11] 40017309  
A01N 59/00 EP3576530 B1  
[13] B

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[51] A01N 59/00 [11] 40017309  
A01N 37/36 EP3576530 B1  
A01N 25/30  
A01N 65/36  
A01N 65/42  
C02F 1/72  
C02F 1/76  
C02F 103/02  
A01P 1/00  
[13] B

[25] DE

[21] 62020007746.4 [22] 19.05.2020

[86] 24.01.2018 PCT/EP2018/051620

[87] 09.08.2018 WO2018/141591

[30] 31.01.2017 EP, EP20170153886

[54] ANTIMICROBIAL COMPOSITION WITH REINFORCED EFFECT FOR THE  
TREATMENT OF LIQUIDS CONTAINING WATER  
用於處理含水液體的強化抗微生物組合物

[73] CuraSolutions GmbH  
Frauengasse 2.1.1  
2700 Wiener Neustadt  
AUSTRIA

[72] FÜRLINGER, Wolfgang

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

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[51] A01N 65/36 [11] 40017309  
A01N 59/00 EP3576530 B1  
[13] B

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[51] A01N 65/42 [11] 40017309  
A01N 59/00 EP3576530 B1  
[13] B

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[51] A01P 1/00 [11] 40017309  
A01N 59/00 EP3576530 B1  
[13] B

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[51] A23L 2/00 [11] 1244406  
A23L 2/38 CN107427036 B  
[13] B

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[51] A23L 2/38 [11] 1244406  
A23L 2/00 CN107427036 B  
A23L 2/66  
A23L 2/68  
[13] B

[25] ZH

[21] 18103865.6 [22] 20.03.2018

[86] 04.03.2016 PCT/JP2016/056761

[87] 22.09.2016 WO2016/147907

[30] 13.03.2015 JP,2015-051269

29.10.2015 JP,2015-212646

[54] NON-ALCOHOLIC BEER-TASTE BEVERAGE  
無酒精的啤酒味飲料

[73] SUNTORY HOLDINGS LIMITED  
三得利控股株式會社  
1-40, DOJIMAHAMA 2-CHOME, KITA-KU

OSAKA-SHI, OSAKA 5308203  
JAPAN

[72] YAMAUCHI, Yuto 山内雄人

IRIUCHIJIMA, Itsuki 人内島齋

[74] Sunhope Intellectual Property Limited Attn: Miss Fiona Ko

ROOM 902, 9/F, QUALIPAK TOWER

NO. 121-122 CONNAUGHT ROAD WEST

HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A23L 2/66 | [11] | 1244406       |
|      | A23L 2/38 |      | CN107427036 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A23L 2/68 | [11] | 1244406       |
|      | A23L 2/38 |      | CN107427036 B |
|      |           | [13] | B             |

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|------|------------|------|---------------|
| [51] | A23L 29/30 | [11] | 1233134       |
|      | A23L 7/157 |      | CN106659210 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A23L 33/105 | [11] | 1236340       |
|      | A23L 33/125 |      | CN107006861 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A23L 33/125 | [11] | 1236340       |
|      | A23L 33/105 |      | CN107006861 B |
|      |             | [13] | B             |

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[25] ZH

[21] 17110131.0 [22] 09.10.2017

[30] 15.09.2011 KR, 10-2011-0092801

[54] USE OF SWEETENER COMPOSITION FOR MANUFACTURE OF FOOD FOR  
PREVENTING HYPERGLYCEMIC AND HYPOGLYCEMIC SYMPTOMS  
甜組合物在製備預防高血糖與低血糖症狀的食品中的應用

[73] CJ CHEILJEDANG CORPORATION

CJ 第一製糖株式會社

CJ CHEILJEDANG CENTER

330, DONGHO-RO

JUNG-GU, SEOUL  
REPUBLIC OF KOREA  
韓國首爾市中區東湖路 330CJ 第一製糖中心

[72] KIM, YOUNG JAE 金泳宰  
PARK, JIN HEE 朴眞姬  
KIM, SEONG BO 金成備  
HWANG, SE HEE 黃世熹  
LEE, YOUNG MI 李英美  
KIM, MIN HAE 金敏會

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

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[51] A23L 33/16 [11] 1262654  
A23L 33/21 CN109497565 B  
[13] B

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[51] A23L 33/21 [11] 1262654  
A23L 33/16 CN109497565 B  
A61K 33/24  
A61K 33/26  
A61P 3/02  
[13] B

[25] ZH

[21] 19122615.8 [22] 18.04.2019

[30] 08.03.2013 US, 61/774,964  
13.09.2013 US, 61/877,680

[54] METAL ION-FUNCTIONAL FIBER COMPONENT COMPLEX COMPOSITIONS,  
PREPARATION AND USES THEREOF  
金屬離子-功能性纖維組分絡合物組合物、其製備及用途

[73] SHANGHAI ALEBUND PHARMACEUTICALS LTD.  
上海禮邦醫藥科技有限公司  
中國  
上海市浦東新區中國(上海)自由貿易試驗區  
芳春路 400 號 1 幢 3 層

[72] J·R·伍·王

[74] 君合律師事務所  
香港  
中環康樂廣場 1 號  
怡和大廈 37 樓 3701-10 室

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[51] A23L 7/157 [11] 1233134  
A23L 29/30 CN106659210 B  
[13] B

[25] ZH

[21] 17107072.7 [22] 14.07.2017

[86] 17.09.2015 PCT/JP2015/076376

[87] 24.03.2016 WO2016/043249

[30] 18.09.2014 JP,2014-189688

[54] MIX FOR FRIED FOOD COATING  
油炸食品面衣用混合物

[73] NISSHIN FOODS INC.  
日清食品株式会社  
25, Kanda-Nishiki-cho 1-chome  
Chiyoda-ku, Tokyo 101-8441  
JAPAN

[72] HIROSE, Yo 廣瀨葉  
TAGAMI, Yuji 田上祐二  
NISHIDE, Tatsunori 西出辰德  
SAKAKIBARA, Michihiro 榊原通宏

[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] A24B 15/167 [11] 1211188  
A24F 40/00 EP2890256 B1  
[13] B

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[51] A24F 40/00 [11] 1211188  
A24B 15/167 EP2890256 B1  
[13] B

[25] EN

[21] 15112020.2 [22] 07.12.2015

[86] 23.08.2013 PCT/GB2013/052231

[87] 06.03.2014 WO2014/033437

[30] 28.08.2012 GB,1215273.2

[54] NICOTINE COMPOSITION  
尼古丁組合物

[73] KIND CONSUMER LIMITED  
79 Clerkenwell Road  
London EC1R 5AR  
UNITED KINGDOM

[72] GUPTA, Ritika  
HEARN, Alex  
LOWE, Stuart Bhimsen  
MOYSES, Chris

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

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[51] A24F 40/50 [11] 1228684  
A24F 40/65 EP3062643 B1  
G16H 21/10

[13] B

[25] EN

[21] 17102362.7 [22] 26.04.2017

[86] 29.10.2014 PCT/EP2014/073182

[87] 07.05.2015 WO2015/063126

[30] 29.10.2013 US, 61/897,149

[54] SMOKING CESSATION DEVICE  
戒煙裝置

[73] SMOKEWATCHERS SAS  
1 RUE GARNIER  
92200 NEUILLY-SUR-SEINE  
FRANCE

[72] CHOUKROUN, BENJAMIN  
SERVAL, THOMAS

[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] A24F 40/65 [11] 1228684  
A24F 40/50 EP3062643 B1

[13] B

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[51] A43B 1/04 [11] 1255601  
A43B 3/00 CN108433234 B  
A43B 23/04  
A43B 23/26

[13] B

[25] ZH

[21] 18114730.6 [22] 28.01.2015

[30] 20.02.2012 US, 13/400,265

[62] 28.01.2015 15100986.9

[54] FOOTWEAR UPPERS WITH KNITTED TONGUE ELEMENTS  
具有編織的鞋舌元件的鞋類鞋面

[73] NIKE Innovate C.V.  
耐克创新有限合伙公司  
One Bowerman Drive  
Beaverton, OR 97005-6453  
UNITED STATES OF AMERICA

[72] Pamela S. Greene 帕米拉·S·格林

[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] | A43B 13/36 | [11] | 1235637       |
|      | A43B 3/24  |      | CN106572719 B |
|      |            | [13] | B             |

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|      |            |      |               |
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| [51] | A43B 23/04 | [11] | 1255601       |
|      | A43B 1/04  |      | CN108433234 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | A43B 23/26 | [11] | 1255601       |
|      | A43B 1/04  |      | CN108433234 B |
|      |            | [13] | B             |

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|------|-----------|------|---------------|
| [51] | A43B 3/00 | [11] | 1255601       |
|      | A43B 1/04 |      | CN108433234 B |
|      |           | [13] | B             |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A43B 3/24  | [11] | 1235637       |
|      | A43B 13/36 |      | CN106572719 B |
|      |            | [13] | B             |

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[25] ZH

[21] 17109698.7 [22] 22.09.2017

[86] 11.08.2015 PCT/AU2015/050454

[87] 18.02.2016 WO2016/023078

[30] 11.08.2014 AU,2014903115

[54] ADAPTABLE SHOE  
可適配鞋具

[73] SETHI, Chandni  
钱德妮·塞西  
C/-Level 32, 239 George Street  
Brisbane, Queensland 4000  
AUSTRALIA

[72] SETHI, Chandni 钱德妮·塞西

[74] China Sunbow & Associates Limited  
Rooms 1318-19, 13/F  
Hollywood Plaza  
610 Nathan Road  
Mongkok, Kowloon HONG KONG

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[51] A44C 17/00 [11] 1241668  
A44C 17/02 CN107125861 B  
A44C 17/04  
A44C 27/00

[13] B

[25] ZH

[21] 18101119.4 [22] 24.01.2018

[30] 26.02.2016 EP,16157633.5

[54] ELONGATE DECORATIVE ELEMENT WITH REDUCED SURFACE ROUGHNESS  
表面粗糙度減小的長形的裝飾元件

[73] D. SWAROVSKI KG  
D·施華洛世奇兩合公司  
SWAROVSKISTRASSE 30  
6112 WATTENS  
AUSTRIA

[72] KURT WINDERL 庫爾特·溫德爾  
FRANZ KALTENECKER 弗朗茨·卡特尼克爾

[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] A44C 17/02 [11] 1241668  
A44C 17/00 CN107125861 B

[13] B

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[51] A44C 17/04 [11] 1241668  
A44C 17/00 CN107125861 B

[13] B

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[51] A44C 27/00 [11] 1241668  
A44C 17/00 CN107125861 B

[13] B

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[51] A44C 5/24 [11] 40016397  
EP3599930 B1

[13] B

[25] FR

[21] 62020005712.8 [22] 14.04.2020

[86] 19.03.2018 PCT/EP2018/056832

[87] 27.09.2018 WO2018/172253

[30] 23.03.2017 CH,20170000379

[54] FOLDING BUCKLE CLASP

折叠式的搭扣

[73] Bulgari Horlogerie S.A.

宝格丽钟表股份有限公司

Rue de Monruz 34

2000 Neuchâtel

SWITZERLAND

[72] CAMILLI, Alessandro 亚历山德罗·卡米利

[74] CHINA PATENT AGENT (HONG KONG) LIMITED

22/F, Great Eagle Centre, 23 Harbour Road

Wanchai

HONG KONG

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[51] A45D 29/05 [11] 40027603  
A45D 29/14 EP3657976 B1  
B24D 7/00

[13] B

[25] DE

[21] 62020017259.6 [22] 06.10.2020

[86] 17.07.2018 PCT/EP2018/069406

[87] 31.01.2019 WO2019/020438

[30] 25.07.2017 DE,10 2017 116 851.6

[54] ABRASIVE TOOL AND USE OF SUCH AN ABRASIVE TOOL

磨料工具和該磨料工具的使用

[73] LUKAS-ERZETT GmbH & Co. KG

德國 LUKAS-ERZETT 磨料磨具有限公司

Gebrüder-Lukas-Str. 1, 51766 Engelskirchen

GERMANY

[72] FISCHER, Gerd  
RUNDEN, Bernhard  
SCHWARK, Sebastian  
[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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[51] A45D 29/14 [11] 40027603  
A45D 29/05 EP3657976 B1  
[13] B

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[51] A61B 10/02 [11] 1255363  
A61B 8/08 CN108135572 B  
[13] B

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[51] A61B 17/04 [11] 1240806  
A61B 17/12 CN106974692 B  
[13] B

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[51] A61B 17/12 [11] 1240806  
A61B 17/04 CN106974692 B  
[13] B

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[25] ZH

[21] 18100532.5 [22] 17.10.2014

[30] 08.06.2011 US, 61/494,845

[62] 17.10.2014 14110387.4

[54] TISSUE LIGATION DEVICES AND TENSIONING DEVICES THEREFOR  
組織結紮裝置及其張緊裝置

[73] SentreHEART, Inc.  
300 Saginaw Drive  
Redwood City  
CA 94063  
UNITED STATES OF AMERICA

[72] ESCANO, Arnold, M. A·M·埃斯卡諾  
FUNG, Gregory, W. G·W·馮  
HELMUTH, Ryan, Douglas R·D·赫爾穆特  
SEIBER, Russell, A. R·A·賽貝爾  
CLARK, Robert, L., III R·L·克拉克三世

[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] A61B 8/08 [11] 1255363  
A61B 8/12 CN108135572 B  
A61B 10/02  
[13] B

[25] ZH

[21] 18114502.2 [22] 14.11.2018

[86] 07.07.2016 PCT/US2016/041242

[87] 12.01.2017 WO2017/007875

[30] 07.07.2015 US, 62/189,352

[54] TRANSPERINEAL NEEDLE GUIDANCE  
經會陰的針引導

[73] ZMK Medical Technologies Inc.  
ZMK 醫療技術股份有限公司  
13366 Grass Valley Avenue, Grass Valley, California 95945  
UNITED STATES OF AMERICA

[72] XU, Guangyao  
VENKATARAMAN, Rajesh  
SARKAR, Saradwata  
AHMADI, Michael

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

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[51] A61B 8/12 [11] 1255363  
A61B 8/08 CN108135572 B  
[13] B

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[51] A61F 2/06 [11] 1241256  
A61L 27/02 EP3193781 B1  
A61L 27/58  
[13] B

[25] EN

[21] 18100714.5 [22] 18.01.2018

[86] 18.09.2015 PCT/US2015/051015

[87] 24.03.2016 WO2016/044762

[30] 18.09.2014 US, US201462052236P

[54] METHODS AND APPARATUSES FOR FORMING FIBROUS TUBES  
用於形成纖維管的方法和設備

[73] Humacyte, Inc.  
2525 E. NC Hwy 54  
Durham, North Carolina, 27713  
UNITED STATES OF AMERICA

[72] ENGELMAYR, George C., Jr.  
Zhang, Jinlin  
NIKLASON, Laura E.  
DAHL, Shannon L.  
STRADER, Justin T.  
IRWIN, Stuart

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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[51] A61F 2/24 [11] 40012323  
CN110072492 B  
[13] B

[25] ZH

[21] 62020001546.4 [22] 16.01.2020

[86] 15.12.2017 PCT/US2017/066854

[87] 21.06.2018 WO2018/112429

[30] 16.12.2016 US, 62/435,563

[54] DEPLOYMENT SYSTEMS, TOOLS, AND METHODS FOR DELIVERING AN  
ANCHORING DEVICE FOR A PROSTHETIC VALVE  
用於遞送假體瓣膜用錨定裝置的部署系統、工具和方法

[73] EDWARDS LIFESCIENCES CORPORATION  
爱德华兹生命科学公司  
One Edwards Way, Irvine, CA 92614  
UNITED STATES OF AMERICA

[72] PATEL, Darshin, S. D·S·帕特尔  
MANASH, Boaz B·马那什  
TRAN, Tri, D. T·D·特然  
WITZMAN, Ofir O·威茨曼  
ROZEN, Yoav Y·罗森  
SIEGEL, Alexander, J. A·J·西格尔  
TAYLOR, David, M. D·M·泰勒

[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] A61H 1/02 [11] 1257255  
CN108778221 B  
[13] B

[25] ZH

[21] 18116327.0 [22] 20.12.2018

[86] 27.01.2017 PCT/EP2017/051840

[87] 03.08.2017 WO2017/129788

[30] 29.01.2016 EP,16382036.8

[54] HAND REHABILITATION DEVICE  
手康復設備

[73] FUNDACIÓN TECNALIA RESEARCH & INNOVATION  
泰克納利爾研究與創新基金會  
Parque Científico y Tecnológico de Bizkaia C/ Geldo  
Edificio 700, 48160 Derio - Bizkaia  
SPAIN

[72] KLEIN, Julius 朱利葉斯·克萊因  
KELLER, Thierry 蒂埃里·凱勒  
PERRY, Joel 喬爾·佩里

[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] A61J 1/05 [11] 1263065  
C07K 16/40 EP3395836 B1  
[13] B

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[51] A61K 31/045 [11] 1234999  
A61K 33/00 EP3185854 B1  
[13] B

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[51] A61K 31/047 [11] 1234999  
A61K 33/00 EP3185854 B1  
[13] B

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[51] A61K 31/138 [11] 1261967  
A61K 31/196 EP3380086 B1  
[13] B

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|------|-------------|------|---------------|
| [51] | A61K 31/165 | [11] | 1224939       |
|      | A61K 47/22  |      | CN105833279 B |
|      |             | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/17   | [11] | 1258043       |
|      | A61K 31/4168 |      | CN108272797 B |
|      |              | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/192 | [11] | 1261967      |
|      | A61K 31/196 |      | EP3380086 B1 |
|      |             | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/195 | [11] | 1261967      |
|      | A61K 31/196 |      | EP3380086 B1 |
|      |             | [13] | B            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/196  | [11] | 1261967      |
|      | A61K 31/69   |      | EP3380086 B1 |
|      | A61P 35/00   |      |              |
|      | A61K 9/48    |      |              |
|      | A61K 31/195  |      |              |
|      | A61K 45/06   |      |              |
|      | A61K 31/192  |      |              |
|      | A61K 31/277  |      |              |
|      | A61K 31/4166 |      |              |
|      | A61K 31/4196 |      |              |
|      | A61K 31/454  |      |              |
|      | A61K 31/4545 |      |              |
|      | A61K 31/5685 |      |              |
|      | A61K 31/58   |      |              |
|      | A61K 31/138  |      |              |
|      |              | [13] | B            |

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[25] EN

|      |            |      |            |
|------|------------|------|------------|
| [21] | 19121850.2 | [22] | 03.04.2019 |
|------|------------|------|------------|

[86] 23.11.2016 PCT/US2016/063659

[87] 01.06.2017 WO2017/091762

[30] 25.11.2015 US, 62/260,098

- [54] CYP26-RESISTANT RAR-ALPHA SELECTIVE AGONISTS IN THE TREATMENT OF CANCER  
CYP-26 抗性 RAR $\alpha$  選擇性激動劑在癌症治療中的用途
- [73] IO Therapeutics, Inc.  
1805 East Garry Avenue Suite 110  
Santa Ana, California 92705  
UNITED STATES OF AMERICA
- The Johns Hopkins University  
3400 North Charles Street  
Baltimore, MD 21218  
UNITED STATES OF AMERICA
- [72] GHIAUR, Gabriel  
JONES, Richard, J.  
ALONSO, Salvador  
CHANDRARATNA, Roshantha, A.
- [74] CHINA SINDA INTELLECTUAL PROPERTY LIMITED  
Suite 3301, One Exchange Square, Central  
HONG KONG
- 

- [51] A61K 31/198 [11] 1212258  
A61K 9/12 EP2908805 B1
- [13] B
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- [51] A61K 31/215 [11] 1232126  
A01N 37/12 CN106456588 B  
C12N 9/20
- [13] B

[25] ZH

[21] 17105695.8 [22] 09.06.2017

[86] 16.01.2015 PCT/US2015/011729

[87] 23.07.2015 WO2015/109168

[30] 17.01.2014 US, 61/928803

[54] METHODS OF USING CAPSAICIN SYNTHASE FOR THE MICROBIAL PRODUCTION OF CAPSAICINOIDS  
使用辣椒素合酶用於辣椒素類物質微生物生產的方法

[73] CONAGEN INC.  
15 DEANGELO DRIVE  
BEDFORD  
MA 01730  
UNITED STATES OF AMERICA

[72] CHEN, Hui  
WANG, Hongxue  
YU, Oliver

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

Wanchai  
HONG KONG

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|      |                           |      |                         |
|------|---------------------------|------|-------------------------|
| [51] | A61K 31/215<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                           | [13] | B                       |

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|      |                            |      |                         |
|------|----------------------------|------|-------------------------|
| [51] | A61K 31/277<br>A61K 31/196 | [11] | 1261967<br>EP3380086 B1 |
|      |                            | [13] | B                       |

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|      |                           |      |                         |
|------|---------------------------|------|-------------------------|
| [51] | A61K 31/282<br>A61K 41/00 | [11] | 1213444<br>EP2903610 B1 |
|      |                           | [13] | B                       |

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|------|---------------------------|------|-------------------------|
| [51] | A61K 31/285<br>A61P 35/00 | [11] | 1254607<br>EP3388111 B1 |
|      |                           | [13] | B                       |

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|------|---------------------------|------|-------------------------|
| [51] | A61K 31/337<br>A61K 41/00 | [11] | 1213444<br>EP2903610 B1 |
|      |                           | [13] | B                       |

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|      |                            |      |                         |
|------|----------------------------|------|-------------------------|
| [51] | A61K 31/337<br>A61K 31/496 | [11] | 1229712<br>EP3076972 B1 |
|      |                            | [13] | B                       |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61K 31/34<br>C07D 493/04 | [11] | 40012541<br>EP3532478 B1 |
|      |                           | [13] | B                        |

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|------|---------------------------|------|-------------------------|
| [51] | A61K 31/366<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                           | [13] | B                       |

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|------|---------------------------|------|-------------------------|
| [51] | A61K 31/404<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                           | [13] | B                       |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61K 31/404<br>A61K 45/06 | [11] | 40001890<br>EP3424534 B1 |
|      |                           | [13] | B                        |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/404<br>C07D 401/14 | [11] | 40028248<br>EP3634957 B1 |
|      |                            | [13] | B                        |

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|------|-----------------------------|------|--------------------------|
| [51] | A61K 31/4045<br>C07D 209/14 | [11] | 1260073<br>CN108440370 B |
|      |                             | [13] | B                        |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/416<br>C07D 209/14 | [11] | 1260073<br>CN108440370 B |
|      |                            | [13] | B                        |

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|------|------------------------------|------|--------------------------|
| [51] | A61K 31/4164<br>A61K 31/4168 | [11] | 1258043<br>CN108272797 B |
|      |                              | [13] | B                        |

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|------|-----------------------------|------|-------------------------|
| [51] | A61K 31/4166<br>A61K 31/196 | [11] | 1261967<br>EP3380086 B1 |
|      |                             | [13] | B                       |

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[51] A61K 31/4168 [11] 1258043  
A61P 27/02 CN108272797 B  
A61P 25/28  
A61P 37/06  
A61K 31/421  
A61K 31/4439  
A61K 31/17  
A61K 31/4164  
A61K 31/4178  
A61P 25/00  
A61P 19/02  
A61P 3/10  
A61P 29/00  
A61P 17/00  
A61P 1/00  
A61P 11/06  
A61P 7/06  
[13] B

[25] ZH

[21] 19100420.9 [22] 11.01.2019

[30] 16.08.2010 US, 61/374,124

[54] USE OF ALPHA-2B ADRENERGIC RECEPTOR AGONISTS  
 $\alpha$ -2B 腎上腺素能受體激動劑的用途

[73] ALLERGAN, INC.  
2525 DUPONT DRIVE  
IRVINE, CALIFORNIA 92612  
UNITED STATES OF AMERICA

[72] GIL, Daniel W.  
DONELLO, John E.  
LUHRS, Lauren M.B.  
VISWANATH, Veena

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

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[51] A61K 31/4178 [11] 1258043  
A61K 31/4168 CN108272797 B  
[13] B

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[51] A61K 31/4184 [11] 1254349  
A61K 31/501 CN107949387 B  
[13] B

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4196 | [11] | 1261967      |
|      | A61K 31/196  |      | EP3380086 B1 |
|      |              | [13] | B            |

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|------|--------------|------|---------------|
| [51] | A61K 31/421  | [11] | 1258043       |
|      | A61K 31/4168 |      | CN108272797 B |
|      |              | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/425 | [11] | 1261174       |
|      | C07D 275/02 |      | CN109071471 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/433 | [11] | 1261174       |
|      | C07D 275/02 |      | CN109071471 B |
|      |             | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/435 | [11] | 1263065      |
|      | C07K 16/40  |      | EP3395836 B1 |
|      |             | [13] | B            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4365 | [11] | 1260073       |
|      | C07D 209/14  |      | CN108440370 B |
|      |              | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | A61K 31/437 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4375 | [11] | 1241361      |
|      | C07D 471/04  |      | EP3259271 B1 |
|      |              | [13] | B            |

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|      |                             |      |                          |
|------|-----------------------------|------|--------------------------|
| [51] | A61K 31/4375<br>C07D 209/14 | [11] | 1260073<br>CN108440370 B |
|      |                             | [13] | B                        |

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|------|-----------------------------|------|--------------------------|
| [51] | A61K 31/4439<br>C07D 401/12 | [11] | 1223609<br>CN105873917 B |
|      |                             | [13] | B                        |

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|      |                              |      |                          |
|------|------------------------------|------|--------------------------|
| [51] | A61K 31/4439<br>A61K 31/4168 | [11] | 1258043<br>CN108272797 B |
|      |                              | [13] | B                        |

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|------|-----------------------------|------|--------------------------|
| [51] | A61K 31/4439<br>C07D 209/14 | [11] | 1260073<br>CN108440370 B |
|      |                             | [13] | B                        |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/444<br>C07D 401/12 | [11] | 1223609<br>CN105873917 B |
|      |                            | [13] | B                        |

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|------|---------------------------------------------------------------------------------|------|-------------------------|
| [51] | A61K 31/444<br>A61K 9/16<br>A61K 9/20<br>A61K 9/14<br>A61P 35/00<br>C07D 251/18 | [11] | 1233185<br>EP3116491 B1 |
|      |                                                                                 | [13] | B                       |

[25] EN

|      |            |      |            |
|------|------------|------|------------|
| [21] | 17106989.1 | [22] | 12.07.2017 |
|------|------------|------|------------|

[86] 13.03.2015 PCT/US2015/020346

[87] 17.09.2015 WO2015/138837

[30] 14.03.2014 US,US201461953480P

[54] PHARMACEUTICAL COMPOSITIONS OF THERAPEUTICALLY ACTIVE  
COMPOUNDS  
治療活性化合物的藥物組合物

[73] Les Laboratoires Servier  
50 rue Carnot 92284 Suresnes Cedex  
FRANCE



[72] Chong-Hui GU

[74] LETTERS &amp; THOO LIMITED

Suite 1008, Prosperity Millennia Plaza

663 King's Road, Quarry Bay

HONG KONG

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/454 | [11] | 1261967      |
|      | A61K 31/196 |      | EP3380086 B1 |
|      |             | [13] | B            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4545 | [11] | 1231846      |
|      | C07C 15/28   |      | EP3102555 B1 |
|      |              | [13] | B            |

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|      |              |      |              |
|------|--------------|------|--------------|
| [51] | A61K 31/4545 | [11] | 1261967      |
|      | A61K 31/196  |      | EP3380086 B1 |
|      |              | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 31/455 | [11] | 1254607      |
|      | A61P 35/00  |      | EP3388111 B1 |
|      |             | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 31/47 | [11] | 1263065      |
|      | C07K 16/40 |      | EP3395836 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 31/47 | [11] | 40001890     |
|      | A61K 45/06 |      | EP3424534 B1 |
|      |            | [13] | B            |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | A61K 31/4709 | [11] | 1223609       |
|      | C07D 401/12  |      | CN105873917 B |
|      |              | [13] | B             |

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[51] A61K 31/4725 [11] 1223609  
C07D 401/12 CN105873917 B  
[13] B

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[51] A61K 31/496 [11] 1229712  
A61K 31/337 EP3076972 B1  
A61P 35/00  
[13] B

[25] EN

[21] 17103458.0 [22] 06.04.2017

[86] 11.10.2013 PCT/CN2013/085075

[87] 16.04.2015 WO2015/051543

[54] CANCER TREATMENT WITH COMBINATION OF PLINABULIN AND TAXANE  
使用普那布林和紫杉烷的組合的癌症療法

[73] BeyondSpring, Inc.  
Sertus Chambers  
PO Box 2547  
Cassia Court  
Camana Bay  
Grand Cayman  
CAYMAN ISLANDS

[72] HUANG, Lan

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

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[51] A61K 31/496 [11] 1231846  
C07C 15/28 EP3102555 B1  
[13] B

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[51] A61K 31/496 [11] 1260073  
C07D 209/14 CN108440370 B  
[13] B

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[51] A61K 31/497 [11] 1260073  
C07D 209/14 CN108440370 B  
[13] B

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[51] A61K 31/501 [11] 1254349  
C07D 417/06 CN107949387 B  
A61P 35/00  
A61K 31/4184  
C07D 235/06  
[13] B

[25] ZH

[21] 18113425.8 [22] 19.10.2018

[86] 06.04.2016 PCT/US2016/026127  
[87] 13.10.2016 WO2016/164401

[30] 06.04.2015 US,62/143494  
17.04.2015 US,62/149489

[54] TREATMENT OF LUNG CANCER WITH INHIBITORS OF GLUTAMINASE  
用谷氨酰胺酶抑制劑治療肺癌

[73] CALITHERA BIOSCIENCES, INC.  
343 OYSTER POINT BOULEVARD  
SUITE 200, SOUTH SAN FRANCISCO, CA 94080  
UNITED STATES OF AMERICA

[72] PARLATI, Francesco  
WORKS, Melissa, G.  
RODRIGUEZ, Mirna, L.M.  
ZHANG, Dong

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

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[51] A61K 31/505 [11] 1263065  
C07K 16/40 EP3395836 B1  
[13] B

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[51] A61K 31/506 [11] 1262272  
A61Q 7/00 EP3397348 B1  
[13] B

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[51] A61K 31/506 [11] 40003121  
C07D 401/12 EP3453708 B1  
[13] B

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61K 31/517<br>C07D 401/12 | [11] | 1223609<br>CN105873917 B |
|      |                            | [13] | B                        |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61K 31/53<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|      |                           | [13] | B                        |

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|      |                             |      |                          |
|------|-----------------------------|------|--------------------------|
| [51] | A61K 31/5355<br>C07D 209/14 | [11] | 1260073<br>CN108440370 B |
|      |                             | [13] | B                        |

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| [51] | A61K 31/5365<br>C07D 498/04 | [11] | 1262295<br>CN108699080 B |
|      |                             | [13] | B                        |

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| [51] | A61K 31/55<br>C07D 491/08 | [11] | 1240916<br>EP3201196 B1 |
|      |                           | [13] | B                       |

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|------|----------------------------|------|--------------------------|
| [51] | A61K 31/551<br>C07D 223/16 | [11] | 1243073<br>CN107108512 B |
|      |                            | [13] | B                        |

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| [51] | A61K 31/553<br>C07D 223/16 | [11] | 1243073<br>CN107108512 B |
|      |                            | [13] | B                        |

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| [51] | A61K 31/554<br>C07D 223/16 | [11] | 1243073<br>CN107108512 B |
|      |                            | [13] | B                        |

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| [51] | A61K 31/555 | [11] | 1213444      |
|      | A61K 41/00  |      | EP2903610 B1 |
|      |             | [13] | B            |

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| [51] | A61K 31/568 | [11] | 1196261      |
|      | A61K 9/00   |      | EP2709588 B1 |
|      |             | [13] | B            |

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| [51] | A61K 31/5685 | [11] | 1261967      |
|      | A61K 31/196  |      | EP3380086 B1 |
|      |              | [13] | B            |

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| [51] | A61K 31/58  | [11] | 1261967      |
|      | A61K 31/196 |      | EP3380086 B1 |
|      |             | [13] | B            |

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|------|------------|------|--------------|
| [51] | A61K 31/60 | [11] | 1254607      |
|      | A61P 35/00 |      | EP3388111 B1 |
|      |            | [13] | B            |

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|------|-------------|------|--------------|
| [51] | A61K 31/69  | [11] | 1261967      |
|      | A61K 31/196 |      | EP3380086 B1 |
|      |             | [13] | B            |

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| [51] | A61K 31/7004 | [11] | 1234999      |
|      | A61K 33/00   |      | EP3185854 B1 |
|      |              | [13] | B            |

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|------|--------------|------|---------------|
| [51] | A61K 31/7036 | [11] | 1224939       |
|      | A61K 47/22   |      | CN105833279 B |
|      |              | [13] | B             |

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[51] A61K 31/7088 [11] 1256460  
C07H 21/02 EP3329924 B1  
A61K 48/00  
A61K 31/7115  
A61K 31/713  
C12N 15/113  
A61P 27/02  
[13] B

[25] EN

[21] 18115405.7 [22] 30.11.2018

[30] 29.03.2010 US, 61/318,702  
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[54] DSRNA THERAPY FOR TRANSTHYRETIN (TTR) RELATED OCULAR  
AMYLOIDOSIS  
針對轉甲狀腺素蛋白 (TTR) 相關的眼部澱粉樣變性的 DSRNA 治療

[73] Alnylam Pharmaceuticals, Inc.  
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UNITED STATES OF AMERICA

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Kumamoto 860-8555  
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SAH, Dinah Wen-Yee  
ANDO, Yukio  
JONO, Hirofumi

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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 31/7115 [11] 1256460  
A61K 31/7088 EP3329924 B1  
[13] B

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[51] A61K 31/713 [11] 1256460  
A61K 31/7088 EP3329924 B1  
[13] B

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[51] A61K 31/715 [11] 1233882  
A61K 9/00 EP3154413 B1  
[13] B

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[51] A61K 31/74 [11] 1234313  
A61M 37/00 CN106714813 B  
A61Q 19/00  
A61Q 19/08  
H01F 7/00  
[13] B

[25] ZH

[21] 17107968.4 [22] 10.08.2017

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[87] 24.03.2016 WO2016/044554

[30] 17.09.2014 US,62/051,783

[54] METHOD OF MAKING A SKIN CARE PRODUCT  
製備護膚產品的方法

[73] THE PROCTER & GAMBLE COMPANY  
寶潔公司

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Cincinnati, Ohio 45202  
UNITED STATES OF AMERICA

[72] OSBORNE, Rosemarie R·奧斯本  
MCILDOWIE, Matthew, James M·J·麥基爾杜伊  
EDWARDS, Jeffrey, David J·D·愛德華茲

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower  
128 Gloucester Road  
HONG KONG

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A61K 33/00 EP3185854 B1  
[13] B

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[51] A61K 33/00 [11] 1234999  
A61K 9/00 EP3185854 B1  
A61K 47/02  
A61K 47/10  
A61K 47/26  
A61K 45/06  
A61K 31/7004  
A61K 31/765

A61K 31/047  
A61K 31/045

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[25] EN

[21] 17108727.4 [22] 30.08.2017

[86] 27.08.2015 PCT/US2015/047301

[87] 03.03.2016 WO2016/033384

[30] 28.08.2014 US, 62/042, 979

26.02.2015 US, 62/121, 329

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[54] INJECTABLE SLURRIES AND METHODS OF MANUFACTURING AND USING  
THE SAME

可注射的漿料及其製造方法和使用方法

[73] The General Hospital Corporation  
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[72] GARIBYAN, Lilit  
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FARINELLI, William A.  
JAVORSKY, Emilia

[74] MARKS & CLERK  
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[51] A61K 33/24 [11] 1262654  
A23L 33/21 CN109497565 B  
[13] B

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[51] A61K 33/26 [11] 1262654  
A23L 33/21 CN109497565 B  
[13] B

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[51] A61K 35/12 [11] 1245663  
A61K 9/14 EP3283057 B1  
[13] B

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[51] A61K 35/50 [11] 1225753  
C12N 5/095 EP3031909 B1



[13] B

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[51] A61K 36/65 [11] 1224939  
A61K 47/22 CN105833279 B

[13] B

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[51] A61K 36/71 [11] 1224939  
A61K 47/22 CN105833279 B

[13] B

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[51] A61K 36/756 [11] 1224939  
A61K 47/22 CN105833279 B

[13] B

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[51] A61K 36/898 [11] 1224939  
A61K 47/22 CN105833279 B

[13] B

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[51] A61K 38/00 [11] 1236385  
A61K 38/22 CN107148279 B

[13] B

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[51] A61K 38/00 [11] 1236437  
A61K 38/22 EP3209321 B1

[13] B

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[51] A61K 38/00 [11] 1258371  
A61K 9/12 EP3391897 B1  
A61L 26/00  
A61P 7/04  
A61P 17/02  
A61P 43/00  
C07K 7/00  
A61K 9/70

A61K 38/08  
A61K 38/10

[13] B

[25] EN

[21] 19100742.0 [22] 16.01.2019

[86] 14.12.2016 PCT/JP2016/087298

[87] 22.06.2017 WO2017/104723

[30] 18.12.2015 JP,2015-247334

[54] HEMOSTATIC COMPOSITION AND HEMOSTATIC METHOD USING HEMOSTATIC  
COMPOSITION

止血組合物和使用止血組合物的止血方法

[73] 3-D Matrix Ltd.

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[72] NAGANO, Keiji

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A61P 35/00 EP3388111 B1  
[13] B

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[51] A61K 38/08 [11] 1258371  
A61K 38/00 EP3391897 B1  
[13] B

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[51] A61K 38/10 [11] 1236385  
A61K 38/22 CN107148279 B  
[13] B

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[51] A61K 38/10 [11] 1236437  
A61K 38/22 EP3209321 B1  
[13] B

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[51] A61K 38/10 [11] 1258371  
A61K 38/00 EP3391897 B1  
[13] B

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[51] A61K 38/16 [11] 1238575  
A61K 38/56 EP3209319 B1  
A61K 9/06  
A61K 9/08  
A61P 17/08  
A61P 17/12  
A61P 43/00  
[13] B

[25] EN

[21] 17112771.1 [22] 04.12.2017

[86] 29.05.2015 PCT/AU2015/050293

[87] 28.04.2016 WO2016/061619

[30] 21.10.2014 US,201462066808P

[54] A METHOD OF TREATMENT OF FUNGAL INFECTIONS  
真菌感染的治療方法

[73] HEXIMA LIMITED  
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[72] VAN DER WEERDEN, Nicole Louise  
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[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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HONG KONG

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A61K 38/00 CN107148279 B  
A61K 38/10  
[13] B

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[21] 17110056.1 [22] 04.10.2017

[86] 21.10.2015 PCT/US2015/056609

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[30] 21.10.2014 US,62/066,862  
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[54] TREATMENT OF CANCER WITH IMMUNE STIMULATORS  
用免疫刺激劑治療癌症

- [73] 賽生藥品股份國際有限公司  
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BLOBEL, Friedhelm F·布洛貝爾
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灣仔告士打道 151 號資本中心 15 樓 1502 室
- 

- [51] A61K 38/22 [11] 1236437  
A61K 38/00 EP3209321 B1  
A61K 38/10  
A61K 45/06  
A61P 35/00  
A61P 35/04  
[13] B
- [25] EN
- [21] 17110544.1 [22] 18.10.2017
- [86] 21.10.2015 PCT/US2015/056609
- [87] 28.04.2016 WO2016/064969
- [30] 21.10.2014 US,62/066,862  
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- [54] TREATMENT OF CANCER WITH IMMUNE STIMULATORS  
用免疫刺激劑治療癌症
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BLOBEL, Friedhelm
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HONG KONG
- 

- [51] A61K 38/26 [11] 1230631  
C07K 5/11 EP3087093 B1  
[13] B
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[51] A61K 38/47 [11] 1258919  
G01N 33/68 EP3354277 B1  
A61K 47/00  
A61P 3/00  
[13] B

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[21] 19101396.7 [22] 20.11.2012

[30] 28.07.2009 US,22919509 P  
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[62] 13.09.2018 12111812.9

[54] COMPOSITIONS AND METHODS FOR TREATING GAUCHER DISEASE  
用於治療戈謝病的組合物和方法

[73] Takeda Pharmaceutical Company Limited  
1-1, Doshomachi 4-chome  
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Osaka-shi, Osaka  
JAPAN

[72] Peter, F. DANIEL  
Michael, W. HEARTLEIN

[74] DEACONS  
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HONG KONG

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A61M 5/31 CN107206175 B  
[13] B

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[51] A61K 38/56 [11] 1238575  
A61K 38/16 EP3209319 B1  
[13] B

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[51] A61K 39/00 [11] 1213444  
A61K 41/00 EP2903610 B1  
[13] B

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[51] A61K 39/00 [11] 1226666  
A61K 39/12 EP3041500 B1  
G01N 33/574  
[13] B

[25] EN

[21] 17100426.5 [22] 13.01.2017

[86] 05.09.2014 PCT/US2014/054356

[87] 12.03.2015 WO2015/035213

[30] 06.09.2013 US, 61/874,685

[54] METHOD FOR INDUCING ANTITUMOR IMMUNITY USING SINDBIS VIRAL  
VECTORS AND TUMOR ASSOCIATED ANTIGENS  
使用辛德畢斯病毒載體和腫瘤相關抗原誘導抗腫瘤免疫的方法

[73] New York University  
70 Washington Square South  
New York City NY 10012  
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[72] GRANOT, Tomer  
YAMANASHI, Yoshihide  
MERUELO, Daniel

[74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
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C07K 16/40 EP3395836 B1  
[13] B

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[51] A61K 39/00 [11] 40000563  
C12Q 1/68 EP3473267 B1  
A61P 35/00  
G01N 33/50  
[13] B

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[21] 19123605.8 [22] 12.05.2014

[30] 24.05.2011 EP, PCT/EP2011/002576  
02.01.2012 EP, PCT/EP2012/000006

[62] 12.05.2014 14104463.4

[54] INDIVIDUALIZED VACCINES FOR CANCER  
用於癌症的個體化疫苗

[73] BioNTech SE  
An der Goldgrube 12, 55131 Mainz  
GERMANY

TRON - Translationale Onkologie an der Universitätsmedizin  
der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH  
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- [72] SAHIN, Ugur  
KREITER, Sebastian  
DIKEN, Mustafa  
DIEKMANN, Jan  
KOSLOWSKI, Michael  
BRITTEN, Cedrik  
CASTLE, John  
LÖWER, Martin  
RENARD, Bernhard  
OMOKOKO, Tana  
DE GRAAF, Johannes Hendrikus
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- |      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 39/00<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                          | [13] | B                        |
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|------|------------|------|--------------------------|
| [51] | A61K 39/02 | [11] | 1240122<br>CN107206033 B |
|      |            | [13] | B                        |

[25] ZH

[21] 17113702.3 [22] 22.12.2017

[86] 07.01.2016 PCT/US2016/012409

[87] 13.07.2017 WO2017/119883

[54] PROCESS FOR THE THERAPEUTIC MANAGEMENT OF DIARRHEA  
PREDOMINANT IRRITABLE BOWEL SYNDROME USING BACILLUS COAGULANS  
SBC37-01, MTCC 5856  
使用凝結芽孢桿菌 SBC37-01, MTCC 5856 治療性處理腹瀉型腸易激綜合征的方法

[73] Sami Labs Limited  
薩米萊布斯有限公司  
19/1 & 19/2 I Main II Phase  
Peenya Industrial Estate/Area  
Bangalore 560 058  
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[72] KARRI, Suresh  
MAJEED, Muhammed  
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VAIDYANATHAN, Priti

ARUMUGAM, Sivakumar  
SANKARAN, Natarajan[74] LIU, SHEN & ASSOCIATES  
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| [51] | A61K 39/12 | [11] | 1226666      |
|      | A61K 39/00 |      | EP3041500 B1 |
|      |            | [13] | B            |

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| [51] | A61K 39/395 | [11] | 1213444      |
|      | A61K 41/00  |      | EP2903610 B1 |
|      |             | [13] | B            |

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|------|-------------|------|---------------|
| [51] | A61K 39/395 | [11] | 1262753       |
|      | C12N 15/09  |      | CN109072226 B |
|      |             | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 39/395 | [11] | 1263065      |
|      | C07K 16/40  |      | EP3395836 B1 |
|      |             | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 39/42 | [11] | 1244018       |
|      | C07K 16/10 |      | CN107709360 B |
|      |            | [13] | B             |

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|------|-------------|------|--------------|
| [51] | A61K 41/00  | [11] | 1213444      |
|      | A61K 47/68  |      | EP2903610 B1 |
|      | A61K 39/395 |      |              |
|      | A61K 45/06  |      |              |
|      | A61K 31/337 |      |              |
|      | A61K 31/555 |      |              |
|      | A61KK 33/24 |      |              |
|      | B82Y 5/00   |      |              |
|      | C07K 16/22  |      |              |
|      | C07K 16/28  |      |              |
|      | C07K 16/32  |      |              |



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A61K 9/00  
A61K 9/51  
A61K 31/282  
A61K 47/64  
A61K 47/69  
A61P 35/00

[13] B

[25] EN

[21] 16101533.4 [22] 12.02.2016

[86] 30.09.2013 PCT/US2013/062638

[87] 10.04.2014 WO2014/055415

[30] 01.10.2012 US,201261708575 P

12.11.2012 US,201261725293 P

[54] CANCER TREATMENTS

癌症的治療

[73] Mayo Foundation for Medical Education and Research

200 First Street SW Rochester, MN 55905

UNITED STATES OF AMERICA

[72] MARKOVIC, Svetomir N.

NEVALA, Wendy K.

[74] LUNG TIN PATENT TRADEMARK AGENT LIMITED

FLAT 11 10/F KOWLOON PLAZA

485 CASTLE PEAK ROAD CHEUNG SHA WAN

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[51] A61K 45/06 [11] 1212258  
A61K 9/12 EP2908805 B1

[13] B

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[51] A61K 45/06 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61K 45/06 [11] 1230631  
C07K 5/11 EP3087093 B1

[13] B

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[51] A61K 45/06 [11] 1234999  
A61K 33/00 EP3185854 B1

[13] B

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[51] A61K 45/06 [11] 1236437  
A61K 38/22 EP3209321 B1

[13] B

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[51] A61K 45/06 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61K 45/06 [11] 1261967  
A61K 31/196 EP3380086 B1

[13] B

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[51] A61K 45/06 [11] 1263065  
C07K 16/40 EP3395836 B1

[13] B

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[51] A61K 45/06 [11] 40001890  
A61K 31/404 EP3424534 B1  
A61K 31/47  
C07D 215/00  
C07D 209/04  
A61K 9/14  
A61K 9/16  
A61K 9/20

[13] B

[25] EN

[21] 19125093.5 [22] 11.07.2017

[30] 15.04.2014 US,201461979848 P  
03.10.2014 US,201462059287 P

[62] 11.07.2017 17106941.8

[54] PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CYSTIC  
FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR MEDIATED  
DISEASES

用於治療囊性纖維化跨膜傳導調節因子介導的疾病的藥物組合物

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[72] Brian Dean PHENIX  
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Geoffrey Glen BRODEUR  
Sachin CHANDRAN  
Eleni DOKOU  
Lori Ann FERRIS  
Dragutin KNEZIC  
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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 47/00 | [11] | 1258919      |
|      | A61K 38/47 |      | EP3354277 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 47/02 | [11] | 1234999      |
|      | A61K 33/00 |      | EP3185854 B1 |
|      |            | [13] | B            |

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | A61K 47/10 | [11] | 1224939       |
|      | A61K 47/22 |      | CN105833279 B |
|      |            | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 47/10 | [11] | 1233882      |
|      | A61K 9/00  |      | EP3154413 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 47/10 | [11] | 1234999      |
|      | A61K 33/00 |      | EP3185854 B1 |
|      |            | [13] | B            |

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|      |                         |      |                         |
|------|-------------------------|------|-------------------------|
| [51] | A61K 47/14<br>A61Q 7/00 | [11] | 1262272<br>EP3397348 B1 |
|      |                         | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 47/20<br>A61K 47/22 | [11] | 1224939<br>CN105833279 B |
|      |                          | [13] | B                        |

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|      |                                                                                                                                               |      |                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 47/22<br>A61K 47/20<br>A61K 47/10<br>A61K 36/71<br>A61K 36/65<br>A61K 36/756<br>A61K 36/898<br>A61P 17/02<br>A61K 31/7036<br>A61K 31/165 | [11] | 1224939<br>CN105833279 B |
|      |                                                                                                                                               | [13] | B                        |

[25] ZH

[21] 16113289.5 [22] 21.11.2016

[54] TOPICAL PHARMACEUTICAL COMPOSITION FOR TREATING VARIOUS SKIN  
WOUNDS AND PREPARATION METHOD THEREOF  
皮膚多種損傷創面治療的外用藥物組合物及其製備方法[73] 傅遠橋  
中國  
上海市浦東新區龍陽路 1880 弄 54 號  
803 室

[72] 傅遠橋

[74] 北京奉思知識產權代理有限公司  
香港  
中環康樂廣場一號  
怡和大廈 1605 室

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|      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| [51] | A61K 47/26<br>A61K 33/00 | [11] | 1234999<br>EP3185854 B1 |
|      |                          | [13] | B                       |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | A61K 47/26<br>A61M 5/31 | [11] | 1240152<br>CN107206175 B |
|------|-------------------------|------|--------------------------|

[13] B

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[51] A61K 47/32 [11] 1233882  
A61K 9/00 EP3154413 B1

[13] B

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[51] A61K 47/34 [11] 1196261  
A61K 9/00 EP2709588 B1

[13] B

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[51] A61K 47/36 [11] 1233882  
A61K 9/00 EP3154413 B1

[13] B

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[51] A61K 47/38 [11] 1262272  
A61Q 7/00 EP3397348 B1

[13] B

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[51] A61K 47/42 [11] 1245663  
A61K 9/14 EP3283057 B1

[13] B

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[51] A61K 47/44 [11] 1196261  
A61K 9/00 EP2709588 B1

[13] B

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[51] A61K 47/64 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61K 47/68 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61K 47/68 [11] 1232123  
A61P 35/00 EP3107557 B1

[13] B

[25] EN  
[21] 17105569.1 [22] 05.06.2017  
[86] 17.02.2015 PCT/US2015/016185  
[87] 20.08.2015 WO2015/123679  
[30] 17.02.2014 US,US201461940759P  
03.03.2014 US,US201461947368P  
[54] HYDROPHILIC ANTIBODY-DRUG CONJUGATES  
親水性抗體-藥物偶聯物  
[73] Seagen Inc.  
21823 30th Drive, S.E.  
Bothell, WA 98021  
UNITED STATES OF AMERICA  
[72] LYON, Robert  
SENER, Peter  
DORONINA, Svetlana  
[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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[51] A61K 47/69 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61K 48/00 [11] 1224700  
C12N 9/22 EP3019619 B1

[13] B

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[51] A61K 48/00 [11] 1256460  
A61K 31/7088 EP3329924 B1

[13] B

|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61K 48/00<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                          | [13] | B                        |

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|      |                        |      |                          |
|------|------------------------|------|--------------------------|
| [51] | A61K 8/02<br>A61K 8/29 | [11] | 1245076<br>CN107708656 B |
|      |                        | [13] | B                        |

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|      |                        |      |                          |
|------|------------------------|------|--------------------------|
| [51] | A61K 8/04<br>A61K 8/29 | [11] | 1245076<br>CN107708656 B |
|      |                        | [13] | B                        |

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|      |                        |      |                         |
|------|------------------------|------|-------------------------|
| [51] | A61K 8/14<br>A61Q 7/00 | [11] | 1262272<br>EP3397348 B1 |
|      |                        | [13] | B                       |

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|      |                        |      |                          |
|------|------------------------|------|--------------------------|
| [51] | A61K 8/27<br>A61K 8/29 | [11] | 1245076<br>CN107708656 B |
|      |                        | [13] | B                        |

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|      |                                                                              |      |                          |
|------|------------------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 8/29<br>A61K 8/27<br>A61K 8/02<br>A61K 8/04<br>A61Q 17/04<br>A61Q 19/00 | [11] | 1245076<br>CN107708656 B |
|      |                                                                              | [13] | B                        |

[25] ZH

|      |            |      |            |
|------|------------|------|------------|
| [21] | 18104287.4 | [22] | 28.03.2018 |
|------|------------|------|------------|

[86] 24.06.2016 PCT/KR2016/006739

[87] 05.01.2017 WO2017/003135

[30] 30.06.2015 KR,10-2015-0093779

[54] UV-BLOCKING COSMETIC COMPOSITION

紫外線隔離用化妝品組合物

[73] 株式會社愛茉莉太平洋

大韓民國

首爾市龍山區

漢江大路 106 號  
140-777

[72] 鄭瑕鎮  
金京南  
崔庚浩  
崔榮鎮

[74] 高保知識產權代理有限公司  
香港  
荃灣白田壩街 36-44 號  
信義工業大廈 9 樓

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|      |                        |      |                         |
|------|------------------------|------|-------------------------|
| [51] | A61K 8/34<br>A61Q 7/00 | [11] | 1262272<br>EP3397348 B1 |
|      |                        | [13] | B                       |

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|      |                        |      |                         |
|------|------------------------|------|-------------------------|
| [51] | A61K 8/37<br>A61Q 7/00 | [11] | 1262272<br>EP3397348 B1 |
|      |                        | [13] | B                       |

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|      |                                                                   |      |                          |
|------|-------------------------------------------------------------------|------|--------------------------|
| [51] | A61K 8/42<br>A61K 8/49<br>A61K 8/9794<br>A61Q 19/00<br>A61P 37/08 | [11] | 1261649<br>CN108670878 B |
|      |                                                                   | [13] | B                        |

[25] ZH

[21] 19121529.2 [22] 27.03.2019

[54] ANTI-ALLERGIC COSMETIC COMPOSITION  
抗皮膚過敏的化妝品組合物

[73] YANGSHENG TANG (ANJI) COSMETICS CO., LTD.  
養生堂(安吉)化妝品有限公司  
中國  
浙江省湖州市安吉縣安吉經濟開發區兩山高新技術產業園

[72] 溫軼  
吳瑞雪  
鄭小微  
寧新娟

[74] 誠通專利商標(香港)有限公司  
香港  
灣仔港灣道 1 號  
會展廣場辦公大樓 34 樓 09 室



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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | A61K 8/49 | [11] | 1261649       |
|      | A61K 8/42 |      | CN108670878 B |

|      |   |
|------|---|
| [13] | B |
|------|---|

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 8/49 | [11] | 1262272      |
|      | A61Q 7/00 |      | EP3397348 B1 |

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|------|---|
| [13] | B |
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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 8/73 | [11] | 1262272      |
|      | A61Q 7/00 |      | EP3397348 B1 |

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| [13] | B |
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|      |             |      |               |
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| [51] | A61K 8/9794 | [11] | 1261649       |
|      | A61K 8/42   |      | CN108670878 B |

|      |   |
|------|---|
| [13] | B |
|------|---|

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 9/00   | [11] | 1196261      |
|      | A61K 9/06   |      | EP2709588 B1 |
|      | A61K 31/568 |      |              |
|      | A61K 47/34  |      |              |
|      | A61K 47/44  |      |              |
|      | A61P 5/26   |      |              |

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| [13] | B |
|------|---|

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|------|----|
| [25] | EN |
|------|----|

|      |            |      |            |
|------|------------|------|------------|
| [21] | 14109601.6 | [22] | 24.09.2014 |
|------|------------|------|------------|

|      |                              |
|------|------------------------------|
| [86] | 15.05.2012 PCT/IB2012/001127 |
|------|------------------------------|

|      |                          |
|------|--------------------------|
| [87] | 22.11.2012 WO2012/156822 |
|------|--------------------------|

|      |                           |
|------|---------------------------|
| [30] | 15.05.2011 US, 61/486,324 |
|      | 16.05.2011 US, 61/486,634 |

|      |                                                                                                                              |
|------|------------------------------------------------------------------------------------------------------------------------------|
| [54] | CONTROLLED RELEASE NASAL TESTOSTERONE GELS, METHODS AND PRE-FILLED MULTI-DOSE APPLICATOR SYSTEMS FOR PERNASAL ADMINISTRATION |
|------|------------------------------------------------------------------------------------------------------------------------------|

控釋鼻腔睪酮凝膠、用於經鼻給藥的方法和預充式多劑量施藥器系統

|      |                                                                                 |
|------|---------------------------------------------------------------------------------|
| [73] | Acerus Biopharma Inc.<br>2486 Dunwin Drive<br>Mississauga, ON L5L 1J9<br>CANADA |
|------|---------------------------------------------------------------------------------|

[72] KREPPNER, Wayne  
OBEREGGER, Werner  
MAES, Paul, José, Pierre, Marie  
FOGARTY, Siobhan

[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] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61K 9/00 [11] 1233882  
A61K 9/08 EP3154413 B1  
A61K 9/127  
A61K 47/10  
A61K 47/32  
A61K 47/36  
A61K 31/715  
A61P 19/02

[13] B

[25] EN

[21] 17107559.9 [22] 28.07.2017

[86] 15.06.2015 PCT/IL2015/050605

[87] 23.12.2015 WO2015/193887

[30] 15.06.2014 US, 62/012,379

[54] SURFACE TREATMENT OF CONTACT LENS AND TREATMENT OF OCULAR  
DISCOMFORT BY WATER SOLUBLE POLYMERS AND LIPIDS/LIPOSOMES  
利用水溶性聚合物和脂質/脂質體對隱形眼鏡作表面處理和治療眼部不適

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

[72] KLEIN, Jacob  
GOLDBERG, Ronit  
SEROR, Jasmine

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/00  | [11] | 1234999      |
|      | A61K 33/00 |      | EP3185854 B1 |
|      |            | [13] | B            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 9/00 | [11] | 1262272      |
|      | A61Q 7/00 |      | EP3397348 B1 |
|      |           | [13] | B            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 9/06 | [11] | 1196261      |
|      | A61K 9/00 |      | EP2709588 B1 |
|      |           | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/06  | [11] | 1238575      |
|      | A61K 38/16 |      | EP3209319 B1 |
|      |            | [13] | B            |

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|      |           |      |              |
|------|-----------|------|--------------|
| [51] | A61K 9/08 | [11] | 1233882      |
|      | A61K 9/00 |      | EP3154413 B1 |
|      |           | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | A61K 9/08  | [11] | 1238575      |
|      | A61K 38/16 |      | EP3209319 B1 |
|      |            | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | A61K 9/12   | [11] | 1212258      |
|      | A61K 9/14   |      | EP2908805 B1 |
|      | A61P 25/00  |      |              |
|      | A61K 31/198 |      |              |
|      | A61K 45/06  |      |              |
|      |             | [13] | B            |

[25] EN

|      |            |      |            |
|------|------------|------|------------|
| [21] | 16100409.7 | [22] | 14.01.2016 |
|------|------------|------|------------|

[86] 21.10.2013 PCT/US2013/065838

[87] 01.05.2014 WO2014/066208

- [30] 22.10.2012 US,US201261716740P  
18.04.2013 US,US201361813605P  
19.04.2013 US,US201361813725P
- [54] LEVODOPA FORMULATIONS FOR RAPID RELIEF OF PARKINSON'S DISEASE  
用於快速緩解帕金森病的左旋多巴製劑
- [73] Civitas Therapeutics, Inc.  
190 Everett Ave.  
Chelsea, MA 02150  
UNITED STATES OF AMERICA
- [72] Martin FREED  
Richard BATYCKY  
Michael M. LIPP
- [74] LETTERS & THOO LIMITED  
Suite 1008, Prosperity Millennia Plaza  
663 King's Road, Quarry Bay  
HONG KONG
- 

- [51] A61K 9/12 [11] 1258371  
A61K 38/00 EP3391897 B1
- [13] B
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- [51] A61K 9/127 [11] 1233882  
A61K 9/00 EP3154413 B1
- [13] B
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- [51] A61K 9/14 [11] 1212258  
A61K 9/12 EP2908805 B1
- [13] B
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- [51] A61K 9/14 [11] 1233185  
A61K 31/444 EP3116491 B1
- [13] B
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- [51] A61K 9/14 [11] 1245663  
A61K 35/12 EP3283057 B1  
A61K 47/42  
A61P 9/00
- [13] B

- [25] EN

[21] 18105399.6 [22] 25.04.2018

[86] 12.04.2016 PCT/US2016/027131

[87] 20.10.2016 WO2016/168196

[30] 17.04.2015 US,14/689,625

[54] COMPOSITION AND KITS FOR PSEUDOPLASTIC MICROGEL MATRICES  
假塑性微凝膠基質的組合物和試劑盒

[73] ROCHAL TECHNOLOGIES LLC.  
1200 Summit Avenue, Suite 414, Fort Worth, Texas 76102  
UNITED STATES OF AMERICA

[72] SALAMONE, Joseph, Charles  
SALAMONE, Ann, Beal  
REILLY, Katelyn, Elizabeth  
SUGGS, Laura, Jean  
CHUNG, Eunna  
LEUNG, Kelly, Xiaoyu-chen

[74] RUBY YEUNG & CO.  
UNIT 701, 7TH FLOOR, WING ON HOUSE  
71 DES VOEUX ROAD CENTRAL  
HONG KONG

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[51] A61K 9/14 [11] 40001890  
A61K 45/06 EP3424534 B1

[13] B

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[51] A61K 9/16 [11] 1233185  
A61K 31/444 EP3116491 B1

[13] B

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[51] A61K 9/16 [11] 40001890  
A61K 45/06 EP3424534 B1

[13] B

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[51] A61K 9/20 [11] 1233185  
A61K 31/444 EP3116491 B1

[13] B

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[51] A61K 9/20 [11] 40001890  
A61K 45/06 EP3424534 B1

[13] B

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[51] A61K 9/48 [11] 1261967  
A61K 31/196 EP3380086 B1

[13] B

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[51] A61K 9/51 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61K 9/70 [11] 1258371  
A61K 38/00 EP3391897 B1

[13] B

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[51] A61KK 33/24 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61L 26/00 [11] 1258371  
A61K 38/00 EP3391897 B1

[13] B

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[51] A61L 27/00 [11] 1230638  
C08L 23/02 EP3095817 B1

[13] B

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[51] A61L 27/02 [11] 1241256  
A61F 2/06 EP3193781 B1

[13] B

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[51] A61L 27/58 [11] 1241256  
A61F 2/06 EP3193781 B1

[13] B

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[51] A61M 37/00 [11] 1234313  
A61K 31/74 CN106714813 B

[13] B

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[51] A61M 5/31 [11] 1240152  
A61M 5/315 CN107206175 B  
A61K 38/48  
A61K 47/26  
A61P 17/00

[13] B

[25] ZH

[21] 17113822.8 [22] 27.12.2017

[86] 22.12.2015 PCT/EP2015/002600

[87] 11.08.2016 WO2016/124213

[30] 03.02.2015 EP,15000310.1

[54] BOTULINUM TOXIN PREFILLED CONTAINER  
肉毒杆菌毒素預填充式容器

[73] MERZ PHARMA GMBH & CO. KGAA.  
ECKENHEIMER LANDSTRASSE 100  
60318 FRANKFURT AM MAIN  
GERMANY

[72] VOGT, Markus

[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] A61M 5/315 [11] 1240152  
A61M 5/31 CN107206175 B

[13] B

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[51] A61N 1/04 [11] 1223875  
A61N 1/39 EP3007767 B1

[13] B

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[51] A61N 1/39 [11] 1223875  
A61N 1/04 EP3007767 B1  
[13] B

[25] EN

[21] 16112060.2 [22] 19.10.2016

[86] 13.06.2014 PCT/US2014/042409

[87] 18.12.2014 WO2014/201419

[30] 14.06.2013 US,61/835,465  
14.06.2013 US,61/835,478  
12.06.2014 US,14/303,546

[54] MULTIPART NON-UNIFORM PATIENT CONTACT INTERFACE AND METHOD OF  
USE  
多部分、非均勻接觸病人介面和使用的方法

[73] CARDIOTHRIVE, Inc.  
5285 Hiddencrest Court  
Concord, CA 94521  
UNITED STATES OF AMERICA

[72] RAYMOND, Douglas, M.  
GRAY, Peter, D.  
SAVAGE, Walter T.  
SAVAGE, Shelley J.

[74] Liu, Chan and Lam  
9th Floor, United Centre  
95 Queensway  
HONG KONG

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[51] A61P 1/00 [11] 1241361  
C07D 471/04 EP3259271 B1  
[13] B

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[51] A61P 1/00 [11] 1242696  
C07D 403/12 CN107074823 B  
[13] B

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[51] A61P 1/00 [11] 1258043  
A61K 31/4168 CN108272797 B  
[13] B

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[51] A61P 1/02 [11] 40024953  
C07K 16/28 EP3628687 B1



[13] B

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[51] A61P 1/16 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 1/18 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 11/00 [11] 1242777  
G01N 30/88 EP3221692 B1

[13] B

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[51] A61P 11/00 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 11/06 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 11/06 [11] 1258043  
A61K 31/4168 CN108272797 B

[13] B

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[51] A61P 13/12 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 13/12 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] A61P 17/00 [11] 1240152  
A61M 5/31 CN107206175 B

[13] B

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[51] A61P 17/00 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 17/00 [11] 1258043  
A61K 31/4168 CN108272797 B

[13] B

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[51] A61P 17/00 [11] 1262272  
A61Q 7/00 EP3397348 B1

[13] B

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[51] A61P 17/02 [11] 1224939  
A61K 47/22 CN105833279 B

[13] B

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[51] A61P 17/02 [11] 1258371  
A61K 38/00 EP3391897 B1

[13] B

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[51] A61P 17/02 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] A61P 17/06 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 17/08 [11] 1238575  
A61K 38/16 EP3209319 B1

[13] B

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[51] A61P 17/12 [11] 1238575  
A61K 38/16 EP3209319 B1

[13] B

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[51] A61P 17/14 [11] 1262272  
A61Q 7/00 EP3397348 B1

[13] B

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[51] A61P 19/02 [11] 1233882  
A61K 9/00 EP3154413 B1

[13] B

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[51] A61P 19/02 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 19/02 [11] 1258043  
A61K 31/4168 CN108272797 B

[13] B

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[51] A61P 19/02 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] A61P 19/04 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 19/06 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 19/10 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 21/04 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] A61P 25/00 [11] 1212258  
A61K 9/12 EP2908805 B1

[13] B

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[51] A61P 25/00 [11] 1231846  
C07C 15/28 EP3102555 B1

[13] B

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[51] A61P 25/00 [11] 1240916  
C07D 491/08 EP3201196 B1

[13] B

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[51] A61P 25/00 [11] 1258043  
A61K 31/4168 CN108272797 B

[13] B

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[51] A61P 25/00 [11] 1262295  
C07D 498/04 CN108699080 B

[13] B

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| [51] | A61P 25/00<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|------|--------------------------|------|--------------------------|

[13] B

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| [51] | A61P 25/00<br>C07D 401/14 | [11] | 40028248<br>EP3634957 B1 |
|------|---------------------------|------|--------------------------|

[13] B

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| [51] | A61P 25/28<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|------|---------------------------|------|--------------------------|

[13] B

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| [51] | A61P 25/28<br>A61K 31/4168 | [11] | 1258043<br>CN108272797 B |
|------|----------------------------|------|--------------------------|

[13] B

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| [51] | A61P 27/00<br>C07D 491/08 | [11] | 1240916<br>EP3201196 B1 |
|------|---------------------------|------|-------------------------|

[13] B

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| [51] | A61P 27/00<br>C07D 471/04 | [11] | 1241361<br>EP3259271 B1 |
|------|---------------------------|------|-------------------------|

[13] B

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| [51] | A61P 27/02<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|------|---------------------------|------|--------------------------|

[13] B

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| [51] | A61P 27/02<br>A61K 31/7088 | [11] | 1256460<br>EP3329924 B1 |
|------|----------------------------|------|-------------------------|

[13] B

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[51] A61P 27/02 [11] 1258043  
A61K 31/4168 CN108272797 B

[13] B

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[51] A61P 27/02 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] A61P 29/00 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 29/00 [11] 1243073  
C07D 223/16 CN107108512 B

[13] B

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[51] A61P 29/00 [11] 1258043  
A61K 31/4168 CN108272797 B

[13] B

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[51] A61P 29/00 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] A61P 3/00 [11] 1240916  
C07D 491/08 EP3201196 B1

[13] B

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[51] A61P 3/00 [11] 1258919  
A61K 38/47 EP3354277 B1

[13] B

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|------|-------------------------|------|-------------------------|
| [51] | A61P 3/00<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|------|-------------------------|------|-------------------------|

[13] B

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|------|-------------------------|------|--------------------------|
| [51] | A61P 3/02<br>A23L 33/21 | [11] | 1262654<br>CN109497565 B |
|------|-------------------------|------|--------------------------|

[13] B

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| [51] | A61P 3/04<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
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[13] B

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|------|-------------------------|------|-------------------------|
| [51] | A61P 3/06<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|------|-------------------------|------|-------------------------|

[13] B

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|------|--------------------------|------|--------------------------|
| [51] | A61P 3/10<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|------|--------------------------|------|--------------------------|

[13] B

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|------|---------------------------|------|--------------------------|
| [51] | A61P 3/10<br>A61K 31/4168 | [11] | 1258043<br>CN108272797 B |
|------|---------------------------|------|--------------------------|

[13] B

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|------|--------------------------|------|--------------------------|
| [51] | A61P 31/14<br>C07K 16/10 | [11] | 1244018<br>CN107709360 B |
|------|--------------------------|------|--------------------------|

[13] B

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|------|---------------------------|------|--------------------------|
| [51] | A61P 31/14<br>C07D 209/14 | [11] | 1260073<br>CN108440370 B |
|------|---------------------------|------|--------------------------|

[13] B

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[51] A61P 31/18 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 31/18 [11] 40012541  
C07D 493/04 EP3532478 B1

[13] B

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[51] A61P 33/00 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 35/00 [11] 1213444  
A61K 41/00 EP2903610 B1

[13] B

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[51] A61P 35/00 [11] 1223609  
C07D 401/12 CN105873917 B

[13] B

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[51] A61P 35/00 [11] 1229712  
A61K 31/496 EP3076972 B1

[13] B

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[51] A61P 35/00 [11] 1231846  
C07C 15/28 EP3102555 B1

[13] B

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[51] A61P 35/00 [11] 1232123  
A61K 47/68 EP3107557 B1



[13] B

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[51] A61P 35/00 [11] 1233185  
A61K 31/444 EP3116491 B1

[13] B

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[51] A61P 35/00 [11] 1236437  
A61K 38/22 EP3209321 B1

[13] B

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[51] A61P 35/00 [11] 1240916  
C07D 491/08 EP3201196 B1

[13] B

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[51] A61P 35/00 [11] 1242696  
C07D 403/12 CN107074823 B

[13] B

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[51] A61P 35/00 [11] 1243073  
C07D 223/16 CN107108512 B

[13] B

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[51] A61P 35/00 [11] 1254349  
A61K 31/501 CN107949387 B

[13] B

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[51] A61P 35/00 [11] 1254607  
A61K 31/455 EP3388111 B1  
A61K 38/06  
A61K 31/285  
A61K 31/60

[13] B

[25] EN

[21] 18113573.8 [22] 14.11.2011

- [30] 20.08.2008 US,61/189,511
- [62] 14.11.2011 11112263.2
- [54] ORGANOARSENIC COMPOUND FOR THE TREATMENT OF CANCER  
用於治療癌症的有機砷化合物
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4F, Sumitomo Fudosan Shiba-koen Tower  
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- [72] SCHWARTZ, Brian, Eric  
LEWIS, Jonathan  
KOMARNITSKY, Philip, B.
- [74] WENPING PATENT & TRADE MARK AGENT LIMITED  
1701 Tung Wai Commercial Building  
111 Gloucester Road  
HONG KONG

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- |      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07D 275/02 | [11] | 1261174<br>CN109071471 B |
|      |                           | [13] | B                        |
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|------|---------------------------|------|-------------------------|
| [51] | A61P 35/00<br>A61K 31/196 | [11] | 1261967<br>EP3380086 B1 |
|      |                           | [13] | B                       |
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|------|--------------------------|------|--------------------------|
| [51] | A61P 35/00<br>A61K 39/00 | [11] | 40000563<br>EP3473267 B1 |
|      |                          | [13] | B                        |
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|------|---------------------------|------|--------------------------|
| [51] | A61P 35/00<br>C07D 401/12 | [11] | 40003121<br>EP3453708 B1 |
|      |                           | [13] | B                        |
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|------|---------------------------|------|--------------------------|
| [51] | A61P 35/02<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|      |                           | [13] | B                        |
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|------|--------------------------|------|--------------------------|
| [51] | A61P 35/02<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|-------------------------|
| [51] | A61P 35/04<br>A61K 38/22 | [11] | 1236437<br>EP3209321 B1 |
|      |                          | [13] | B                       |

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|      |                           |      |                         |
|------|---------------------------|------|-------------------------|
| [51] | A61P 37/00<br>C07D 491/08 | [11] | 1240916<br>EP3201196 B1 |
|      |                           | [13] | B                       |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 37/00<br>C07D 223/16 | [11] | 1243073<br>CN107108512 B |
|      |                           | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 37/02<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                          | [13] | B                        |

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|------|--------------------------|------|-------------------------|
| [51] | A61P 37/06<br>C12N 5/095 | [11] | 1225753<br>EP3031909 B1 |
|      |                          | [13] | B                       |

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|      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | A61P 37/06<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|      |                           | [13] | B                        |

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|      |                            |      |                          |
|------|----------------------------|------|--------------------------|
| [51] | A61P 37/06<br>A61K 31/4168 | [11] | 1258043<br>CN108272797 B |
|      |                            | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 37/06<br>C12N 15/09 | [11] | 1262753<br>CN109072226 B |
|      |                          | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 37/06<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                          | [13] | B                        |

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|------|-------------------------|------|--------------------------|
| [51] | A61P 37/08<br>A61K 8/42 | [11] | 1261649<br>CN108670878 B |
|      |                         | [13] | B                        |

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|------|--------------------------|------|-------------------------|
| [51] | A61P 43/00<br>A61K 38/16 | [11] | 1238575<br>EP3209319 B1 |
|      |                          | [13] | B                       |

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|      |                           |      |                         |
|------|---------------------------|------|-------------------------|
| [51] | A61P 43/00<br>C07D 491/08 | [11] | 1240916<br>EP3201196 B1 |
|      |                           | [13] | B                       |

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|------|--------------------------|------|-------------------------|
| [51] | A61P 43/00<br>A61K 38/00 | [11] | 1258371<br>EP3391897 B1 |
|      |                          | [13] | B                       |

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|      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| [51] | A61P 43/00<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                          | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 43/00<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                          | [13] | B                        |

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|------|-------------------------|------|-------------------------|
| [51] | A61P 5/00<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                         | [13] | B                       |

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|------|------------------------|------|-------------------------|
| [51] | A61P 5/26<br>A61K 9/00 | [11] | 1196261<br>EP2709588 B1 |
|      |                        | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 5/26<br>C07D 401/12 | [11] | 1223609<br>CN105873917 B |
|      |                          | [13] | B                        |

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|------|-------------------------|------|-------------------------|
| [51] | A61P 7/00<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                         | [13] | B                       |

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|------|-------------------------|------|-------------------------|
| [51] | A61P 7/04<br>A61K 38/00 | [11] | 1258371<br>EP3391897 B1 |
|      |                         | [13] | B                       |

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|------|-------------------------|------|--------------------------|
| [51] | A61P 7/04<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                         | [13] | B                        |

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|------|---------------------------|------|--------------------------|
| [51] | A61P 7/06<br>A61K 31/4168 | [11] | 1258043<br>CN108272797 B |
|      |                           | [13] | B                        |

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|------|-------------------------|------|--------------------------|
| [51] | A61P 7/06<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                         | [13] | B                        |

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|------|-------------------------|------|-------------------------|
| [51] | A61P 8/365<br>A61Q 7/00 | [11] | 1262272<br>EP3397348 B1 |
|      |                         | [13] | B                       |

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|------|--------------------------|------|-------------------------|
| [51] | A61P 9/00<br>C07D 491/08 | [11] | 1240916<br>EP3201196 B1 |
|      |                          | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 9/00<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|      |                          | [13] | B                        |

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|------|------------------------|------|-------------------------|
| [51] | A61P 9/00<br>A61K 9/14 | [11] | 1245663<br>EP3283057 B1 |
|      |                        | [13] | B                       |

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|------|-------------------------|------|-------------------------|
| [51] | A61P 9/00<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                         | [13] | B                       |

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|------|-------------------------|------|--------------------------|
| [51] | A61P 9/00<br>C07K 16/28 | [11] | 40024953<br>EP3628687 B1 |
|      |                         | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61P 9/10<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|      |                          | [13] | B                        |

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|      |                         |      |                         |
|------|-------------------------|------|-------------------------|
| [51] | A61P 9/10<br>C07K 16/40 | [11] | 1263065<br>EP3395836 B1 |
|      |                         | [13] | B                       |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | A61P 9/14<br>C07D 403/12 | [11] | 1242696<br>CN107074823 B |
|      |                          | [13] | B                        |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | A61Q 17/04<br>A61K 8/29 | [11] | 1245076<br>CN107708656 B |
|      |                         | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61Q 19/00<br>A61K 31/74 | [11] | 1234313<br>CN106714813 B |
|      |                          | [13] | B                        |

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|------|-------------------------|------|--------------------------|
| [51] | A61Q 19/00<br>A61K 8/29 | [11] | 1245076<br>CN107708656 B |
|      |                         | [13] | B                        |

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|------|-------------------------|------|--------------------------|
| [51] | A61Q 19/00<br>A61K 8/42 | [11] | 1261649<br>CN108670878 B |
|      |                         | [13] | B                        |

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|------|--------------------------|------|--------------------------|
| [51] | A61Q 19/08<br>A61K 31/74 | [11] | 1234313<br>CN106714813 B |
|      |                          | [13] | B                        |

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|------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------|
| [51] | A61Q 7/00<br>A61K 8/14<br>A61K 8/49<br>A61K 8/37<br>A61K 8/34<br>A61K 47/14<br>A61K 31/506<br>A61P 17/14<br>A61K 9/00<br>A61K 8/73<br>A61P 8/365 | [11] | 1262272<br>EP3397348 B1 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------|

A61K 47/38  
A61P 17/00

[13] B

[25] EN

[21] 19122254.6 [22] 12.04.2019

[86] 22.12.2016 PCT/US2016/068185

[87] 06.07.2017 WO2017/116937

[30] 28.12.2015 US, 62/271,405

21.12.2016 US, 15/387,634

[54] HAIR GROWTH COMPOSITION AND METHOD

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[51] B01F 15/00 [11] 40042182  
C09K 5/20 CN112055738 B  
[13] B

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[51] B01J 19/00 [11] 1247886  
B01L 3/02 EP3181228 B1  
[13] B

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[51] B01L 3/00 [11] 1247886  
B01L 3/02 EP3181228 B1  
[13] B

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[51] B01L 3/02 [11] 1247886  
B01J 19/00 EP3181228 B1  
B01L 3/00  
G01N 33/48  
G01N 33/53  
G01N 35/00  
G01N 35/02



[13] B

[25] EN

[21] 17113665.8 [22] 21.12.2017

[30] 02.10.2007 US,US20070997460P

[54] MODULAR POINT-OF-CARE DEVICES AND USES THEREOF  
模塊化現場護理裝置及其應用[73] Labrador Diagnostics LLC  
1209 Orange Street  
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HOLMES, Elizabeth A.  
FRENZEL, Gary

NUGENT, Anthony Joseph

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HONG KONG[51] B21D 31/04 [11] 1254662  
G06F 1/16 EP3324265 B1

[13] B

[51] B23P 19/00 [11] 40000564  
B23P 19/02 CN108788665 B

[13] B

[25] ZH

[21] 19123631.4 [22] 10.05.2019

[30] 01.05.2017 JP,2017-091435

[54] PART ASSEMBLING APPARATUS  
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|      |                          |      |                           |
|------|--------------------------|------|---------------------------|
| [51] | B23P 19/02<br>B23P 19/00 | [11] | 40000564<br>CN108788665 B |
|      |                          | [13] | B                         |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | B24D 7/00<br>A45D 29/05 | [11] | 40027603<br>EP3657976 B1 |
|      |                         | [13] | B                        |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | B29C 39/12<br>G02C 7/04 | [11] | 40023326<br>CN111328381 B |
|      |                         | [13] | B                         |

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|      |                         |      |                           |
|------|-------------------------|------|---------------------------|
| [51] | B29C 39/24<br>G02C 7/04 | [11] | 40023326<br>CN111328381 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|---------------------------|
| [51] | B29C 39/26<br>G02C 7/04 | [11] | 40023326<br>CN111328381 B |
|      |                         | [13] | B                         |

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|------|-------------------------|------|-------------------------|
| [51] | B29C 53/00<br>G06F 1/16 | [11] | 1254662<br>EP3324265 B1 |
|      |                         | [13] | B                       |

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|      |                         |      |                          |
|------|-------------------------|------|--------------------------|
| [51] | B60G 11/27<br>B62D 7/18 | [11] | 1263211<br>CN109153411 B |
|      |                         | [13] | B                        |

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[51] B60G 3/20 [11] 1263211  
B62D 7/18 CN109153411 B  
[13] B

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[51] B60H 1/00 [11] 40000992  
H01M 10/613 CN109599620 B  
[13] B

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[51] B62D 7/18 [11] 1263211  
B60G 3/20 CN109153411 B  
B60G 11/27 [13] B

[25] ZH  
[21] 19122998.8 [22] 26.04.2019

[86] 16.05.2017 PCT/IB2017/052872  
[87] 23.11.2017 WO2017/199166  
[30] 18.05.2016 IT,102016000050950

[54] INDEPENDENT SUSPENSION FOR VEHICLES, IN PARTICULAR A  
SUSPENSION FOR A DIRECTIONAL WHEEL FOR VEHICLES  
用於車輛的獨立懸架、特別是用於車輛方向輪的懸架

[73] BRIST AXLE SYSTEMS S.R.L.  
布里斯特轴系统有限责任公司  
VIA MERCANTI 17/19 TRAV. I 25018 MONTICHIARI  
(BRESCIA)  
ITALY

[72] BONERA, DANILO D·波納拉  
BERTASSI, MATTEO M·伯塔斯

[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] B62J 9/00 [11] 40025352  
EP3668781 B1  
[13] B

[25] EN  
[21] 62020014698.8 [22] 20.08.2020

[86] 02.11.2018 PCT/IB2018/058625  
[87] 09.05.2019 WO2019/087143  
[30] 06.11.2017 IT,102017000125709

[54] DEVICE FOR THE AUTOMATIC OPENING AND CLOSING OF A TOP BOX OR A SUITCASE FOR MOTORCYCLES AND FOR HOOKING AND RELEASING SAID SUITCASE OR TOP BOX TO/FROM THE MOTORCYCLE  
用於自動打開和關閉摩托車的頂箱或行李箱以及用於將該行李箱或頂箱鉤掛至摩托車及從摩托車釋放的設備

[73] GIVI S.P.A.  
Via Ungaretti 48  
25020 Flero (BS)  
ITALY

[72] VISENZI, Giuseppe

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

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[51] B65D 55/06 [11] 1237135  
H04B 5/00 CN106797235 B  
[13] B

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[51] B65D 85/52 [11] 1215353  
A01G 9/029 EP29666977 B1  
[13] B

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[51] B66B 5/00 [11] 40000539  
CN108861925 B  
[13] B

[25] ZH

[21] 19123999.5 [22] 20.05.2019

[30] 15.05.2017 US,15/595552

[54] SELF-CALIBRATING SENSOR FOR ELEVATOR AND  
AUTOMATIC DOOR SYSTEMS  
用於電梯和自動門系統的自我校準傳感器

[73] OTIS ELEVATOR COMPANY  
One Carrier Place, Farmington  
Connecticut, 06032  
UNITED STATES OF AMERICA

[72] ALAN MATTHEW FINN  
ARTHUR HSU

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

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | B82Y 5/00  | [11] | 1213444      |
|      | A61K 41/00 |      | EP2903610 B1 |
|      |            | [13] | B            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C01B 3/50 | [11] | 1243695       |
|      | C01B 3/56 |      | CN107697885 B |
|      |           | [13] | B             |

[25] ZH

|      |            |      |            |
|------|------------|------|------------|
| [21] | 18103306.3 | [22] | 08.03.2018 |
|------|------------|------|------------|

[30] 30.08.2012 US,13/600,096

[54] HYDROGEN GENERATION ASSEMBLIES  
製氫裝置

[73] 浙江本德新能源科技有限公司  
昌盛南路36號19幢319室  
314001 浙江省嘉興市經濟技術開發區  
CHINA

[72] EDLUND, David, J. D·J·埃德倫德  
SCHLUTER, Robert R·施呂特

[74] HONG KONG PATENT & TRADEMARK AGENT LIMITED  
UNIT 10A, GRAND SCHOLAR BUILDING  
NO. 419K QUEEN'S ROAD WEST  
HONG KONG

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | C01B 3/56 | [11] | 1243695       |
|      | C01B 3/50 |      | CN107697885 B |
|      |           | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C02F 1/72  | [11] | 40017309     |
|      | A01N 59/00 |      | EP3576530 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | C02F 1/76  | [11] | 40017309     |
|      | A01N 59/00 |      | EP3576530 B1 |
|      |            | [13] | B            |

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[51] C02F 103/02 [11] 40017309  
A01N 59/00 EP3576530 B1  
[13] B

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[51] C02F 11/06 [11] 1236186  
C08B 37/00 EP3154912 B1  
[13] B

[25] EN

[21] 17110068.7 [22] 04.10.2017

[86] 11.06.2015 PCT/NL2015/050432

[87] 17.12.2015 WO2015/190927

[30] 12.06.2014 NL,2012987

[54] BIOPOLYMER EXTRACTION  
提取生物聚合物

[73] HaskoningDHV Nederland B.V.  
Laan 1914 no 35  
3818 EX Amersfoort  
NETHERLANDS

[72] LIN, Yuemei  
AL-ZUHAIRY, Salah  
PRONK, Mario  
VAN LOOSDRECHT, Marinus Cornelis

[74] VIVIEN CHAN & CO  
32/F, Harbour Centre  
25 Harbour Road, Wanchai  
HONG KONG

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[51] C07B 41/87 [11] 1236188  
CN107108380 B  
[13] B

[25] ZH

[21] 17109972.4 [22] 30.09.2017

[86] 09.11.2015 PCT/EP2015/002238

[87] 25.08.2016 WO2016/131466

[30] 17.02.2015 EP,15155488.8

[54] COATED COMPOSITES OF AL<sub>2</sub>O<sub>3</sub>-CeO<sub>2</sub>/ZrO<sub>2</sub> AND A METHOD FOR THEIR  
PRODUCTION  
塗覆的 AL<sub>2</sub>O<sub>3</sub>-CeO<sub>2</sub>/ZrO<sub>2</sub> 的複合材料及其生產方法

[73] SASOL GERMANY GMBH  
Anckelmannsplatz 1  
20537 Hamburg  
GERMANY

- [72] SCHÖNEBORN, Marcos  
GUILLEN-HURTADO, Noelia  
HARMENING, Thomas  
NIEMEYER, Dirk  
HOWE, Diane
- [74] KANGXIN IP LIMITED  
812 Silvercord, Tower 1, 30 Canton Road, Tsimshatsui, Kowloon  
HONG KONG
- 

- [51] C07C 15/28 [11] 1231846  
C07D 241/04 EP3102555 B1  
C07D 407/12  
C07D 403/12  
A61K 31/496  
A61K 31/4545  
A61P 25/00  
A61P 35/00
- [13] B
- [25] EN
- [21] 17105526.3 [22] 02.06.2017
- [86] 05.02.2015 PCT/US2015/014592
- [87] 13.08.2015 WO2015/120136
- [30] 05.02.2014 US, 61/936,267
- [54] COMPOSITIONS OF COMPOUNDS AND USES THEREOF  
化合物的組合物及其用途
- [73] VM Oncology LLC  
47460 Fremont Blvd  
Fremont, California 94538-6503  
UNITED STATES OF AMERICA
- [72] WU, Jay Jie-Qiang
- [74] SPRUSON & FERGUSON (HONG KONG) LIMITED  
5001 Hopewell Centre  
183 Queen's Road East, Wan Chai  
HONG KONG
- 

- [51] C07D 205/04 [11] 1226393  
C07D 405/14 EP3046920 B1
- [13] B
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- [51] C07D 209/04 [11] 40001890  
A61K 45/06 EP3424534 B1
- [13] B
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[51] C07D 209/08 [11] 1260073  
C07D 209/14 CN108440370 B  
[13] B

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[51] C07D 209/14 [11] 1260073  
C07D 413/12 CN108440370 B  
C07D 405/12  
C07D 409/12  
C07D 401/12  
C07D 403/06  
C07D 471/04  
C07D 403/10  
C07D 209/08  
C07D 401/06  
C07D 417/14  
C07D 401/14  
C07D 498/04  
C07D 417/12  
C07D 413/06  
C07D 403/12  
C07D 231/56  
C07D 495/04  
A61K 31/4045  
A61K 31/437  
A61K 31/4375  
A61K 31/497  
A61K 31/4365  
A61K 31/5355  
A61K 31/496  
A61K 31/4439  
A61K 31/416  
A61P 31/14  
[13] B

[25] ZH

[21] 19119858.9 [22] 22.02.2019

[30] 26.09.2011 GB,1116559.4  
26.09.2011 US,61/626,410

[54] VIRAL REPLICATION INHIBITORS  
病毒複製抑制劑

[73] KATHOLIEKE UNIVERSITEIT LEUVEN  
魯汶天主教大學  
Waaistraat 6-box 5105, 3000 Leuven  
KU Leuven Research & Development  
BELGIUM

[72] BARDIOT, Dorothee 多蘿泰·巴迪奧  
CARLENS, Gunter 岡特·卡倫斯



DALLMEIER, Kai 卡伊·德爾邁爾  
KAPTEIN, Suzanne 蘇珊娜·卡普泰因  
McNAUGHTON, Michael 邁克爾·麥克諾頓  
MARCHAND, Arnaud 阿諾·馬爾尚  
NEYTS, Johan 約翰·奈茨  
SMETS, Wim 維姆·斯梅茨  
KOUKNI, Mohamed 穆罕默德·庫卡尼

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

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|------|-------------|------|--------------|
| [51] | C07D 213/64 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 215/00 | [11] | 40001890     |
|      | A61K 45/06  |      | EP3424534 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 223/16 | [11] | 1243073       |
|      | C07D 243/12 |      | CN107108512 B |
|      | C07D 267/14 |      |               |
|      | C07D 281/10 |      |               |
|      | A61K 31/551 |      |               |
|      | A61K 31/553 |      |               |
|      | A61K 31/554 |      |               |
|      | A61P 29/00  |      |               |
|      | A61P 37/00  |      |               |
|      | A61P 35/00  |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 18102569.7 [22] 22.02.2018

[86] 10.10.2015 PCT/CN2015/091614

[87] 14.04.2016 WO2016/055028

[30] 10.10.2014 CN,PCT/CN2014/088315

[54] THERAPEUTIC COMPOUNDS AND USES THEREOF  
治療性化合物及其用途

[73] Genentech, Inc.  
基因泰克公司  
1 DNA Way  
South San Francisco

California 94080  
UNITED STATES OF AMERICA

Constellation Pharmaceuticals, Inc.  
星座製藥股份有限公司  
215 First Street  
Suite 200, Cambridge  
Massachusetts 02142  
UNITED STATES OF AMERICA

- [72] ROMERO, F. Anthony  
TSUI, Vickie Hsiao-Wei  
ALBRECHT, Brian K.  
LEBLANC, Yves  
CHEN, Kevin  
MAGNUSON, Steven R.  
PASTOR, Richard  
MURRAY, Jeremy  
CRAWFORD, Terry  
BURDICK, Daniel J.  
COTE, Alexandre  
TAYLOR, Alexander M.  
NASVESCHUK, Christopher G.  
HEWITT, Michael Charles  
LAI, Kwong Wah
- [74] KWAN, WONG & PARTNERS  
Unit 1102, 11/F  
88 Gloucester Road, Wanchai  
HONG KONG

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- |      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 231/56 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |
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|------|-------------|------|---------------|
| [51] | C07D 233/74 | [11] | 1223609       |
|      | C07D 401/12 |      | CN105873917 B |
|      |             | [13] | B             |
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|------|-------------|------|---------------|
| [51] | C07D 235/06 | [11] | 1254349       |
|      | A61K 31/501 |      | CN107949387 B |
|      |             | [13] | B             |
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|------|-------------|------|--------------|
| [51] | C07D 241/04 | [11] | 1231846      |
|      | C07C 15/28  |      | EP3102555 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 243/12 | [11] | 1243073       |
|      | C07D 223/16 |      | CN107108512 B |
|      |             | [13] | B             |

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|      |             |      |              |
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| [51] | C07D 251/18 | [11] | 1233185      |
|      | A61K 31/444 |      | EP3116491 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 253/07 | [11] | 1242696       |
|      | C07D 403/12 |      | CN107074823 B |
|      |             | [13] | B             |

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| [51] | C07D 265/30 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
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| [51] | C07D 267/14 | [11] | 1243073       |
|      | C07D 223/16 |      | CN107108512 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 275/02 | [11] | 1261174       |
|      | A61K 31/425 |      | CN109071471 B |
|      | A61K 31/433 |      |               |
|      | A61P 35/00  |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 19121054.1 [22] 18.03.2019

[86] 22.03.2017 PCT/CN2017/077612

[87] 28.09.2017 WO2017/162157

[30] 22.03.2016 CN,201610165138.6

- [54] SULTAM COMPOUND AND APPLICATION METHOD THEREOF  
內磺醯胺化合物及其使用方法
- [73] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.  
正大天晴藥業集團股份有限公司  
No.369 Yuzhou South Rd., Lianyungang, Jiangsu 222062  
CHINA
- LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD.  
連雲港潤眾製藥有限公司  
No. 16 Jinqiao Road, Dapu Industry Park, Lianyungang Economy  
and Technology Development Zone, Lianyungang City, Jiangsu  
222069  
CHINA
- SHOUYAO HOLDINGS(BEIJING) CO., LTD.  
首藥控股(北京)股份有限公司  
22nd floor #2205, Building 1-A, Ronghua Middle Road  
#10, Economic and Technological Development Zone, Beijing  
100176  
CHINA
- [72] ZHU, Li 祝力  
DUAN, Xiaowei 段小偉  
DAI, Liguang 戴麗光  
YANG, Zhao 楊釗  
YANG, Yanqing 楊艷青  
ZHANG, Hui 張慧  
HU, Yuandong 胡遠東  
PENG, Yong 彭勇  
HAN, Yongxin 韓永信  
ZHAO, Rui 趙銳  
TIAN, Xin 田心  
WANG, Shanchun 王善春
- [74] Sunhope Intellectual Property Limited Attn: Miss Fiona Ko  
ROOM 902, 9/F, QUALIPAK TOWER  
NO. 121-122 CONNAUGHT ROAD WEST  
HONG KONG
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- [51] C07D 277/72 [11] 1258438  
EP3360867 B1
- [13] B
- [25] EN
- [21] 19100200.5 [22] 07.01.2019
- [86] 02.11.2015 PCT/CN2015/093613
- [87] 13.04.2017 WO2017/059614
- [30] 09.10.2015 CN,201510649388.2

- [54] PREPARATION METHOD OF 2-MERCAPTOBENZO THIAZOLE  
2-巰基苯並噻唑的製備方法
- [73] SENNICS CO., LTD.  
聖奧化學科技有限公司  
7F, Sinochem International Plaza  
No.233 North Changqing Road  
Pudong New Area  
Shanghai 200126  
CHINA
- [72] CHEN, Xinmin 陳新民  
WU, Libao 武歷保  
SHI, Song 石松  
GAO, Shang 高尚
- [74] KANGXIN IP LIMITED  
812 Silvercord, Tower 1, 30 Canton Road, Tsimshatsui, Kowloon  
HONG KONG
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- |      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 281/10 | [11] | 1243073       |
|      | C07D 223/16 |      | CN107108512 B |
|      |             | [13] | B             |
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|------|-------------|------|--------------|
| [51] | C07D 295/12 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | C07D 307/79 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | C07D 309/10 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | C07D 311/12 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | C07D 319/18 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |

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|------|-------------|------|--------------|
| [51] | C07D 333/16 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 401/04 | [11] | 1242696       |
|      | C07D 403/12 |      | CN107074823 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 401/06 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | C07D 401/12  | [11] | 1223609       |
|      | A61K 31/4439 |      | CN105873917 B |
|      | A61K 31/444  |      |               |
|      | A61K 31/4709 |      |               |
|      | A61K 31/4725 |      |               |
|      | A61K 31/517  |      |               |
|      | A61P 35/00   |      |               |
|      | A61P 5/26    |      |               |
|      | C07D 233/74  |      |               |
|      | C07D 401/14  |      |               |
|      | C07D 403/12  |      |               |
|      |              | [13] | B             |

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[25] ZH

|      |            |      |            |
|------|------------|------|------------|
| [21] | 16111768.9 | [22] | 12.10.2016 |
|------|------------|------|------------|

[86] 16.12.2014 PCT/CA2014/000894

[87] 25.06.2015 WO2015/089634

[30] 11.12.2014 US,14/567,970

19.12.2013 US,61/918,133

[54] NON-STEROIDAL ANTIANDROGENS AND SELECTIVE ANDROGEN RECEPTOR  
MODULATORS WITH A PYRIDYL MOIETY

含有吡啶基部分的非甾體類抗雄激素和選擇性雄激素受體調節劑

[73] Endorecherche, Inc.

恩多研究公司

2989, de la Promenade

Quebec City  
QC G1W 2J5  
CANADA

- [72] LABRECQUE, Richard 里哈德·拉布雷克  
LABRIE, Fernand 費爾南德·萊伯里  
SINGH, Shankar Mohan 尚卡爾莫漢·辛格  
CIOBANU, Liviu Constantin 利維烏康斯坦丁·喬巴努
- [74] MARKS & CLERK  
Level 9, Cyberport 1  
100 Cyberport Road, Pok Fu Lam  
HONG KONG

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- [51] C07D 401/12 [11] 1242696  
C07D 403/12 CN107074823 B  
[13] B
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- [51] C07D 401/12 [11] 1260073  
C07D 209/14 CN108440370 B  
[13] B
- 

- [51] C07D 401/12 [11] 40003121  
A61K 31/506 EP3453708 B1  
A61P 35/00 [13] B
- [25] EN
- [21] 19125911.8 [22] 26.06.2019
- [30] 17.12.2010 US,201061424194 P
- [54] PROCESS FOR THE PREPARATION OF 5-CHLORO-N-(2-ISOPROPOXY-5-METHYL-4-PIPERIDIN-4-YL-PHENYL)-N-2-(ISOPROPYLSULFONYL) PHENYL)-2,4-DIAMINE DI-HYDROCHLORIDE  
製備 5-氯-N-(2-異丙氧基-5-甲基-4-(哌啶-4-基苯基)-N-2-(異丙基磺酰基)苯基)-2,4-二胺二氫氯化物的方法
- [73] Novartis AG  
Lichtstrasse 35  
4056 Basel  
SWITZERLAND
- [72] FENG, Lili  
GONG, Baoqing  
KARPINSKI, Piotr H.  
WAYKOLE, Liladhar Murlidhar
- [74] MARKS & CLERK  
Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 401/14 | [11] | 1223609       |
|      | C07D 401/12 |      | CN105873917 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 401/14 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|------|-------------|------|--------------|
| [51] | C07D 401/14 | [11] | 40028248     |
|      | C07D 405/14 |      | EP3634957 B1 |
|      | C07D 403/06 |      |              |
|      | A61P 25/00  |      |              |
|      | A61K 31/404 |      |              |
|      |             | [13] | B            |

[25] FR

[21] 62020018091.2 [22] 14.10.2020

[86] 29.05.2018 PCT/EP2018/064093

[87] 13.12.2018 WO2018/224359

[30] 06.06.2017 FR,1754993

[54] NMDA RECEPTOR MODULATORS, COMPOSITIONS COMPRISING SAME AND  
USE OF THESE COMPOUNDS IN THE TREATMENT OF DISEASES INVOLVING  
THE CENTRAL NERVOUS SYSTEM  
NMDA 受體調節劑、包含其的組合物和這些化合物在治療涉及中樞神經系統的疾病中  
的用途

[73] Adpuerivitam  
97 Avenue De La Division Leclerc  
92160 Antony  
FRANCE

[72] ALAMI, Mouad,  
BRION, Jean-Daniel  
MESSAOUDI, Samir  
TOUCHET, Sabrina  
GALVANI, Gilles  
DULAC, Olivier  
GATAULLINA, Svetlana  
NOUS, Caroline

[74] KANGXIN IP LIMITED  
812 Silvercord, Tower 1, 30 Canton Road, Tsimshatsui, Kowloon  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 403/04 | [11] | 1242696       |
|      | C07D 403/12 |      | CN107074823 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 403/06 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|------|-------------|------|--------------|
| [51] | C07D 403/06 | [11] | 40028248     |
|      | C07D 401/14 |      | EP3634957 B1 |
|      |             | [13] | B            |

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|------|-------------|------|---------------|
| [51] | C07D 403/10 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 403/12 | [11] | 1223609       |
|      | C07D 401/12 |      | CN105873917 B |
|      |             | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 403/12 | [11] | 1231846      |
|      | C07C 15/28  |      | EP3102555 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 403/12 | [11] | 1242696       |
|      | C07D 401/04 |      | CN107074823 B |
|      | C07D 401/12 |      |               |
|      | C07D 403/04 |      |               |
|      | C07D 253/07 |      |               |
|      | A61K 31/53  |      |               |
|      | A61K 45/06  |      |               |
|      | A61P 35/00  |      |               |
|      | A61P 29/00  |      |               |
|      | A61P 35/02  |      |               |
|      | A61P 37/06  |      |               |
|      | A61P 19/06  |      |               |

A61P 25/28  
A61P 19/04  
A61P 11/06  
A61P 9/10  
A61P 17/00  
A61P 11/00  
A61P 13/12  
A61P 1/16  
A61P 1/00  
A61P 17/06  
A61P 19/02  
A61P 9/00  
A61P 9/14  
A61P 1/18  
A61P 27/02  
A61P 3/10  
A61P 3/04  
A61P 19/10  
A61P 31/18  
A61P 33/00

[13] B

[25] ZH

[21] 18102258.3 [22] 13.02.2018

[86] 02.09.2015 PCT/US2015/048174

[87] 10.03.2016 WO2016/036873

[30] 05.09.2014 US, 62/046,770

[54] THERAPEUTIC COMPOUNDS AND USES THEREOF  
治療性化合物及其用途

[73] Genentech, Inc.

基因泰克公司

1 DNA Way

South San Francisco

California 94080-4990

UNITED STATES OF AMERICA

Constellation Pharmaceuticals, Inc.

星座製藥股份有限公司

215 First Street, Suite 200, Cambridge, MA 02142

UNITED STATES OF AMERICA

[72] DUPLESSIS, Martin

NASVESCHUK, Christopher, G.

ALBRECHT, Brian, K.

COTE, Alexandre

CRAWFORD, Terry

GOOD, Andrew, Charles

LEBLANC, Yves

MAGNUSON, Steven

PASTOR, Richard

ROMERO, F. Anthony

TAYLOR, Alexander, M.

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

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[51] C07D 403/12 [11] 1260073  
C07D 209/14 CN108440370 B  
[13] B

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[51] C07D 403/12 [11] 40030295  
C07D 405/14 CN111801324 B  
[13] B

[25] ZH

[21] 62020019491.3 [22] 04.11.2020

[86] 28.05.2019 PCT/US2019/034199

[87] 19.12.2019 WO2019/240938

[30] 12.06.2018 US, 62/684,113

14.09.2018 US, 62/731,364

14.11.2018 US, 62/767,402

[54] THYROID HORMONE RECEPTOR AGONISTS AND USES THEREOF  
甲狀腺激素受體激動劑及其用途

[73] SICHUAN HAISCO PHARMACEUTICAL CO., LTD.

四川海思科制药有限公司

中國

四川省成都市温江区成都海峡两岸科技产业开发园百利路 136 号

[72] JIN, Bohan 靳博涵

DONG, Qing 董庆

HUNG, Gene 洪真

[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] C07D 405/12 [11] 1226393  
C07D 405/14 EP3046920 B1  
[13] B

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[51] C07D 405/12 [11] 1260073  
C07D 209/14 CN108440370 B  
[13] B

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|      |                                                                                                                                                                                                                               |      |                         |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------|
| [51] | C07D 405/14<br>C07D 319/18<br>C07D 405/12<br>C07D 407/12<br>C07D 417/12<br>C07D 307/79<br>C07D 409/12<br>C07D 213/64<br>C07D 295/12<br>C07D 309/10<br>C07D 311/12<br>C07D 413/12<br>C07D 265/30<br>C07D 205/04<br>C07D 333/16 | [11] | 1226393<br>EP3046920 B1 |
|      |                                                                                                                                                                                                                               | [13] | B                       |
| [25] | EN                                                                                                                                                                                                                            |      |                         |
| [21] | 16114630.9                                                                                                                                                                                                                    | [22] | 23.12.2016              |
| [86] | 19.09.2014 PCT/US2014/056555                                                                                                                                                                                                  |      |                         |
| [87] | 26.03.2015 WO2015/042397                                                                                                                                                                                                      |      |                         |
| [30] | 20.09.2013 US, 61/880,752                                                                                                                                                                                                     |      |                         |
| [54] | GLUCOSYLCERAMIDE SYNTHASE INHIBITORS FOR THE TREATMENT OF DISEASES<br>用於治療疾病的葡萄糖神經醯胺合成酶抑制劑                                                                                                                                    |      |                         |
| [73] | BioMarin Pharmaceutical Inc.<br>生物馬林藥物股份有限公司<br>105 Digital Drive, Novato, CA 94949<br>UNITED STATES OF AMERICA                                                                                                               |      |                         |
| [72] | WANG, Bing 兵·王<br>CHU, Daniel 丹尼爾·楚<br>BRIDGES, Alexander, James 亞歷山大·詹姆斯·布裏奇斯                                                                                                                                                |      |                         |
| [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] | C07D 405/14<br>C07D 401/14 | [11] | 40028248<br>EP3634957 B1 |
|      |                            | [13] | B                        |

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|      |                            |      |                           |
|------|----------------------------|------|---------------------------|
| [51] | C07D 405/14<br>C07D 403/12 | [11] | 40030295<br>CN111801324 B |
|------|----------------------------|------|---------------------------|

[13] B

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 407/12 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |

[13] B

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 407/12 | [11] | 1231846      |
|      | C07C 15/28  |      | EP3102555 B1 |

[13] B

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 409/12 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |

[13] B

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 409/12 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |

[13] B

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 413/06 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |

[13] B

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|------|-------------|------|--------------|
| [51] | C07D 413/12 | [11] | 1226393      |
|      | C07D 405/14 |      | EP3046920 B1 |

[13] B

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|------|-------------|------|---------------|
| [51] | C07D 413/12 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |

[13] B

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 417/06 | [11] | 1254349       |
|      | A61K 31/501 |      | CN107949387 B |

[13] B

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[51] C07D 417/12 [11] 1226393  
C07D 405/14 EP3046920 B1

[13] B

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[51] C07D 417/12 [11] 1260073  
C07D 209/14 CN108440370 B

[13] B

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[51] C07D 417/14 [11] 1260073  
C07D 209/14 CN108440370 B

[13] B

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[51] C07D 471/04 [11] 1241361  
A61K 31/4375 EP3259271 B1  
A61P 1/00  
A61P 27/00

[13] B

[25] EN

[21] 18100720.7 [22] 18.01.2018

[86] 19.02.2016 PCT/US2016/018612

[87] 25.08.2016 WO2016/134223

[30] 19.02.2015 US,US201562118303P

[54] FLUORINATED DERIVATIVES OF 3-(2-OXO-3-(3-(5,6,7,8-TETRAHYDRO-1,8-NAPHTHYRIDIN-2-YL) PROPYL) IMIDAZOLIDIN-1-YL) PROPANOIC ACID AND USES THEREOF

3-(2-OXO-3-(3-(5,6,7,8-四氫-1,8-萘啶-2-YL) 丙基) 咪唑啉-1-YL) 丙酸的  
氟化衍生物及其用途

[73] OcuTerra Therapeutics, Inc.  
50 Milk Street, 16th Floor,  
Boston, MA 02109,  
UNITED STATES OF AMERICA

[72] ASKEW, Ben, C.  
FURUYA, Takeru

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 471/04 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 471/18 | [11] | 1240916      |
|      | C07D 491/08 |      | EP3201196 B1 |
|      |             | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 487/08 | [11] | 1240916      |
|      | C07D 491/08 |      | EP3201196 B1 |
|      |             | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 491/08 | [11] | 1240916      |
|      | C07D 487/08 |      | EP3201196 B1 |
|      | C07D 491/18 |      |              |
|      | C07D 495/08 |      |              |
|      | C07D 495/18 |      |              |
|      | C07D 471/18 |      |              |
|      | C07D 493/18 |      |              |
|      | A61K 31/55  |      |              |
|      | C07D 513/18 |      |              |
|      | C07D 519/00 |      |              |
|      | C07F 7/18   |      |              |
|      | A61P 3/00   |      |              |
|      | A61P 9/00   |      |              |
|      | A61P 25/00  |      |              |
|      | A61P 27/00  |      |              |
|      | A61P 35/00  |      |              |
|      | A61P 37/00  |      |              |
|      | A61P 43/00  |      |              |
|      |             | [13] | B            |

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[25] EN

|      |            |      |            |
|------|------------|------|------------|
| [21] | 18100075.8 | [22] | 03.01.2018 |
|------|------------|------|------------|

[86] 02.10.2015 PCT/EP2015/072868

[87] 07.04.2016 WO2016/050975

[30] 03.10.2014 EP,14290299.8

07.04.2015 EP,15162641.3

08.06.2015 EP,15171036.5

[54] FUSED PENTACYCLIC IMIDAZOLE DERIVATIVES  
熔融的五环咪唑衍生物

[73] UCB Biopharma SRL  
Allée de la Recherche 60

B-1070 Brussels  
BELGIUM

SANOFI  
54, rue La Boétie  
75008 Paris  
FRANCE

- [72] HEER, Jag Paul  
BROOKINGS, Daniel Christopher  
JOHNSON, James Andrew  
DE HARO GARCIA, Teresa  
DELIGNY, Michael  
QUINCEY, Joanna Rachel  
XUAN, Mengyang  
ZHU, Zhaoning  
CALMIANO, Mark Daniel  
EVRARD, Yves  
HUTCHINGS, Martin Clive  
JADOT, Sophie  
KEYAERTS, Jean  
MAC COSS, Malcolm  
SELBY, Matthew Duncan  
SHAW, Michael Alan  
SWINNEN, Dominique Louis Léon  
SCHIO, Laurent  
FORICHER, Yann  
FILOCHE-ROMME, Bruno
- [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] | C07D 491/18 | [11] | 1240916      |
|      | C07D 491/08 |      | EP3201196 B1 |
|      |             | [13] | B            |
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|------|-------------|------|--------------|
| [51] | C07D 493/04 | [11] | 40012541     |
|      | A61K 31/34  |      | EP3532478 B1 |
|      | A61P 31/18  |      |              |
|      |             | [13] | B            |

[25] EN

[21] 62020002520.8 [22] 11.02.2020

[86] 25.10.2017 PCT/US2017/058325

[87] 03.05.2018 WO2018/081292

[30] 27.10.2016 US, 62/413,601



[54] CRYSTALLINE FORM OF DARUNAVIR FREE BASE  
達蘆那韋遊離鹼的結晶形式

[73] Gilead Sciences, Inc.  
333 Lakeside Drive  
Foster City, California 94404  
UNITED STATES OF AMERICA

[72] Chiajen LAI  
Bing SHI

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

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 493/18 | [11] | 1240916      |
|      | C07D 491/08 |      | EP3201196 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 495/04 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 495/08 | [11] | 1240916      |
|      | C07D 491/08 |      | EP3201196 B1 |
|      |             | [13] | B            |

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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | C07D 495/18 | [11] | 1240916      |
|      | C07D 491/08 |      | EP3201196 B1 |
|      |             | [13] | B            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | C07D 498/04 | [11] | 1260073       |
|      | C07D 209/14 |      | CN108440370 B |
|      |             | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | C07D 498/04  | [11] | 1262295       |
|      | C07D 519/00  |      | CN108699080 B |
|      | A61K 31/5365 |      |               |
|      | A61P 25/00   |      |               |

[13] B

[25] ZH

[21] 19122300.7 [22] 15.04.2019

[86] 15.02.2017 PCT/IB2017/050844

[87] 31.08.2017 WO2017/145013

[30] 23.02.2016 US,62/298657

[54] 6,7-DIHYDRO-5H-PYRAZOLO[5,1-B][1,3]OXAZINE-2-CARBOXAMIDE  
COMPOUNDS

6,7-二氫-5H-吡唑並[5,1-b][1,3]噁嗪-2-甲酰胺化合物

[73] PFIZER INC.  
235 EAST 42ND STREET NEW YORK  
NY 10017-5755  
UNITED STATES OF AMERICA[72] CHAPPIE, Thomas Allen  
PATEL, Nandini Chaturbhai  
VERHOEST, Patrick Robert  
HELAL, Christopher John  
SCIABOLA, Simone  
LACHAPELLE, Erik Alphie  
WAGER, Travis T.  
HAYWARD, Matthew Merrill[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG[51] C07D 513/18 [11] 1240916  
C07D 491/08 EP3201196 B1

[13] B

[51] C07D 519/00 [11] 1240916  
C07D 491/08 EP3201196 B1

[13] B

[51] C07D 519/00 [11] 1262295  
C07D 498/04 CN108699080 B

[13] B

[51] C07F 7/18 [11] 1240916  
C07D 491/08 EP3201196 B1

[13] B

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[51] C07H 21/02 [11] 1256460  
A61K 31/7088 EP3329924 B1

[13] B

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[51] C07K 1/02 [11] 1230631  
C07K 5/11 EP3087093 B1

[13] B

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[51] C07K 1/14 [11] 1225036  
C07K 14/755 CN105524162 B

[13] B

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[51] C07K 14/005 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] C07K 14/415 [11] 1263291  
G01N 33/68 CN108427001 B

[13] B

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[51] C07K 14/47 [11] 1263065  
C07K 16/40 EP3395836 B1

[13] B

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[51] C07K 14/605 [11] 1230631  
C07K 5/11 EP3087093 B1

[13] B

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[51] C07K 14/725 [11] 40024953  
C07K 16/28 EP3628687 B1

[13] B

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[51] C07K 14/755 [11] 1225036  
C07K 1/14 CN105524162 B

[13] B

[25] ZH

[21] 16112024.7 [22] 19.10.2016

[30] 15.12.2010 US, 61/423,512

[54] VIRAL INACTIVATION USING IMPROVED SOLVENT-DETERGENT METHOD  
使用改進的溶劑-清潔劑方法進行病毒滅活

[73] Baxalta GmbH  
Thurgauerstrasse 130  
8152 Glattpark (Opfikon)  
Zurich  
SWAZILAND

Baxalta Incorporated  
1200 Lakeside Drive  
Bannockburn  
Illinois  
UNITED STATES OF AMERICA

[72] Dominique MISON  
Martin FELGENHAUER  
Frederic MONTANDON  
Maria FARCET

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

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[51] C07K 16/10 [11] 1244018  
A61K 39/42 CN107709360 B  
A61P 31/14

[13] B

[25] ZH

[21] 18103596.2 [22] 15.03.2018

[86] 09.06.2016 PCT/KR2016/006145

[87] 15.12.2016 WO2016/200189

[30] 10.06.2015 KR, 10-2015-0082284

[54] RABIES VIRUS G PROTEIN EPITOPE, AND RABIES VIRUS NEUTRALISING  
BINDING MOLECULE THAT BINDS SPECIFICALLY THERETO  
狂犬病毒 G 蛋白表位及與其特异性結合的中和狂犬病毒的結合分子

[73] CELLTRION INC.  
赛特瑞恩股份有限公司

23, Academy-ro 51beon-gil  
Yeonsu-gu Incheon 22014  
REPUBLIC OF KOREA

[72] KIM, Pan Kyeom 金販謙  
CHANG, Shin Jae 張宸在  
LEE, Soo Young 李修泳  
AHN, Jung Sun 安正仙  
CHOO, Min Joo 秋敏周

[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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|      |                          |      |                          |
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| [51] | C07K 16/16<br>G01N 33/68 | [11] | 1263291<br>CN108427001 B |
|      |                          | [13] | B                        |

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|      |                          |      |                         |
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| [51] | C07K 16/22<br>A61K 41/00 | [11] | 1213444<br>EP2903610 B1 |
|      |                          | [13] | B                       |

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| [51] | C07K 16/24 | [11] | 1227716<br>EP3065774 B1 |
|      |            | [13] | B                       |

[25] EN

[21] 17101395.0 [22] 08.02.2017

[86] 06.11.2014 PCT/US2014/064302

[87] 14.05.2015 WO2015/069865

[30] 06.11.2013 US,61/900,596

[54] ANTI-CCL17 ANTIBODIES  
抗 CCL17 抗體

[73] Janssen Biotech, Inc.  
800/850 Ridgeview Drive  
Horsham, PA 19044  
UNITED STATES OF AMERICA

[72] John KEHOE  
Mary RYAN  
Brian WHITAKER  
Ken BOAKYE  
Alfred DEL VECCHIO  
Eilyn LACY  
Lynne MURRAY

Sandra SANTULLI-MAROTTO

John WHEELER

Alexey TEPLYAKOV

[74] DEACONS  
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Central  
HONG KONG

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|      |            |      |              |
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| [51] | C07K 16/28 | [11] | 1213444      |
|      | A61K 41/00 |      | EP2903610 B1 |

[13] B

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|      |            |      |               |
|------|------------|------|---------------|
| [51] | C07K 16/28 | [11] | 1262753       |
|      | C12N 15/09 |      | CN109072226 B |

[13] B

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|------|-------------|------|--------------|
| [51] | C07K 16/28  | [11] | 40024953     |
|      | C07K 14/005 |      | EP3628687 B1 |
|      | C07K 14/725 |      |              |
|      | A61K 48/00  |      |              |
|      | C12N 15/62  |      |              |
|      | A61K 39/00  |      |              |
|      | A61P 1/02   |      |              |
|      | A61P 7/04   |      |              |
|      | A61P 7/06   |      |              |
|      | A61P 9/00   |      |              |
|      | A61P 13/12  |      |              |
|      | A61P 17/02  |      |              |
|      | A61P 19/02  |      |              |
|      | A61P 21/04  |      |              |
|      | A61P 25/00  |      |              |
|      | A61P 27/02  |      |              |
|      | A61P 29/00  |      |              |
|      | A61P 35/02  |      |              |
|      | A61P 37/02  |      |              |
|      | A61P 37/06  |      |              |
|      | A61P 43/00  |      |              |

[13] B

[25] EN

[21] 42020015237.9 [22] 31.08.2020

[30] 12.12.2014 US,US201462091419P  
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[54] BCMA CHIMERIC ANTIGEN RECEPTORS  
BCMA 嵌合抗原受體

[73] 2seventy bio, Inc.  
60 Binney Street  
Cambridge, MA 02142  
UNITED STATES OF AMERICA

[72] MORGAN, Richard  
FRIEDMAN, Kevin

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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A61K 41/00 EP2903610 B1

[13] B

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[51] C07K 16/40 [11] 1263065  
A61K 39/395 EP3395836 B1  
A61K 45/06  
A61J 1/05  
A61K 31/215  
A61K 31/366  
A61K 31/404  
A61K 31/435  
A61K 31/47  
A61K 31/505  
C07K 14/47  
A61K 39/00  
A61P 3/00  
A61P 3/06  
A61P 5/00  
A61P 7/00  
A61P 9/00  
A61P 9/10  
A61P 43/00

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[25] EN

[21] 19123065.5 [22] 29.04.2019

[30] 28.01.2011 EP,11305088  
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[54] HUMAN ANTIBODIES TO PCSK9 FOR USE IN METHODS OF TREATING  
PARTICULAR GROUPS OF SUBJECTS

治療特定受試者組的方法中使用的針對 PCSK9 的人抗體

[73] Sanofi Biotechnology  
54 rue La Boétie, 75008 Paris  
FRANCE

[72] Hanotin, Corinne  
Bessac, Laurence  
CHAUDHARI, Umesh

[74] LIU, SHEN & ASSOCIATES  
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HONG KONG

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[51] C07K 5/11 [11] 1230631  
C07K 1/02 EP3087093 B1  
C07K 14/605  
A61K 45/06  
A61K 38/26

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[21] 17104393.6 [22] 02.05.2017

[86] 23.12.2014 PCT/US2014/072264

[87] 02.07.2015 WO2015/100376

[30] 27.12.2013 US,US201361921376P

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[54] PHARMACEUTICALLY RELEVANT AROMATIC-CATIONIC PEPTIDES  
藥學相關的芳香族陽離子肽

[73] Stealth Biotherapeutics Corp  
2nd Floor  
Le Prince de Galles  
3-5 Avenue des  
Citronniers 98000 Monaco  
MONACO

[72] WILSON D Travis

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

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[51] C07K 7/00 [11] 1258371  
A61K 38/00 EP3391897 B1

[13] B



[51] C08B 37/00 [11] 1236186  
C02F 11/06 EP3154912 B1  
[13] B

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[51] C08L 23/02 [11] 1230638  
A61L 27/00 EP3095817 B1  
C08L 33/00  
[13] B

[25] EN

[21] 17104120.6 [22] 21.04.2017

[30] 19.02.2010 GB,201002862

[54] MICROGEL COMPOSITIONS  
微凝膠組合物

[73] Gelmetix Limited  
Alderley Park  
Nether Alderley, Cheshire SK10 4TG  
UNITED KINGDOM

[72] SAUNDERS, Brian  
MILANI, Amir  
LIU, Ruixue  
FREEMONT, Anthony John

[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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C08L 23/02 EP3095817 B1  
[13] B

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[51] C09K 5/20 [11] 40042182  
B01F 15/00 CN112055738 B  
F25B 17/10  
[13] B

[25] ZH

[21] 62021031785.0 [22] 26.05.2021

[86] 23.02.2019 PCT/US2019/019323

[87] 29.08.2019 WO2019/165328

[30] 23.02.2018 US,62/634,461

- [54] FREEZE POINT SUPPRESSION CYCLE CONTROL SYSTEMS, METHODS, AND DEVICES  
凝固點抑制循環控制系統、方法和裝置
- [73] REBOUND TECHNOLOGIES, INC.  
再合科技有限公司  
5690 East 56th Avenue, Unit F Commerce City  
Colorado 80022  
UNITED STATES OF AMERICA  
美國  
科罗拉多州
- [72] GOLDFARBMUREN, Russell 拉塞尔·戈德法布穆伦  
ERICKSON, Luke 卢克·埃里克森  
NELSON, Josh 乔希·纳尔逊
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- [51] C12N 1/15 [11] 1262753  
C12N 15/09 CN109072226 B  
[13] B
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C12N 15/09 CN109072226 B  
[13] B
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C12N 15/09 CN109072226 B  
[13] B
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A61K 39/395 CN109072226 B  
A61P 37/06  
C07K 16/28  
C12N 1/15  
C12N 1/19  
C12N 1/21  
C12N 5/10  
[13] B

- [25] ZH

[21] 19122883.2 [22] 24.04.2019

[86] 19.04.2017 PCT/JP2017/015767

[87] 26.10.2017 WO2017/183665

[30] 20.04.2016 JP,2016-084170

[54] REGULATORY T CELL ACTIVATOR, AND USE THEREOF  
調節性 T 細胞的激活劑及其應用

[73] UNIVERSITY OF TSUKUBA  
國立大學法人筑波大學  
1-1, Tennodai 1-chome, Tsukuba-shi, Ibaraki 3058577  
JAPAN

[72] 涉谷彰  
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奧村元紀

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[51] C12N 15/11 [11] 1224700  
C12N 9/22 EP3019619 B1

[13] B

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[51] C12N 15/11 [11] 1228925  
C12N 9/22 EP3129393 B1

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[21] 17102493.9 [22] 10.03.2017

[86] 17.06.2016 PCT/US2016/038034

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[30] 18.06.2015 US,62/181,453  
19.08.2015 US,62/207,312  
05.10.2015 US,62/237,360  
13.11.2015 US,62/255,256  
18.12.2015 US,62/269,876

[54] CRISPR ENZYME MUTATIONS REDUCING OFF-TARGET EFFECTS  
降低脫靶效應的 CRISPR 酶突變

[73] Massachusetts Institute of Technology  
77 Massachusetts Avenue  
Cambridge, MA 02139  
UNITED STATES OF AMERICA

The Broad Institute Inc.  
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MA 02142  
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[72] ZETSCHE, Bernd  
ZHANG, Feng  
GAO, Linyi  
SLAYMAKER, Ian

[74] KANGXIN IP LIMITED  
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Kowloon, Hong Kong  
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|------|--------------|------|--------------|
| [51] | C12N 15/113  | [11] | 1256460      |
|      | A61K 31/7088 |      | EP3329924 B1 |
|      |              | [13] | B            |

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|------|-------------|------|--------------|
| [51] | C12N 15/113 | [11] | 1259063      |
|      |             |      | EP3356529 B1 |
|      |             | [13] | B            |

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[25] EN

[21] 19101563.4 [22] 29.01.2019

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[87] 06.04.2017 WO2017/059223

[30] 01.10.2015 US,62/235,816  
06.06.2016 US,62/346,304  
02.09.2016 US,62/383,221

[54] COMPOSITIONS AND METHODS FOR INHIBITING GENE EXPRESSION OF  
LPA

用於抑制 LPA 的基因表達的組合物和方法

[73] ARROWHEAD PHARMACEUTICALS, INC.  
177 E. Colorado Boulevard  
Suite 700, Pasadena, CA 91105  
UNITED STATES OF AMERICA

[72] MELQUIST, Stacey  
KANNER, Steven  
ROZEMA, David, B.  
LEWIS, David, L.  
ALMEIDA, Lauren, J.  
WAKEFIELD, Darren, H  
TRUBETSKOY, Vladimir, S.  
PEI, Tao  
LI, Zhen  
ALMEIDA, Aaron

[74] CHAN, TANG & KWOK  
Rooms 2503-4, 25/F, Shanghai Industrial Investment Building  
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[51] C12N 15/62 [11] 40024953  
C07K 16/28 EP3628687 B1  
[13] B

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[51] C12N 15/63 [11] 1224700  
C12N 9/22 EP3019619 B1  
[13] B

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[51] C12N 15/85 [11] 1224700  
C12N 9/22 EP3019619 B1  
[13] B

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[51] C12N 15/85 [11] 1231928  
CN106170554 B  
[13] B

[25] ZH

[21] 17105320.1 [22] 26.05.2017

[86] 11.12.2014 PCT/US2014/069744

[87] 06.08.2015 WO2015/116315

[30] 29.01.2014 US, 61/933137

[54] OVEREXPRESSION OF N-GLYCOSYLATION PATHWAY REGULATORS TO  
MODULATE GLYCOSYLATION OF RECOMBINANT PROTEINS  
過表達 N-糖基化途徑調節基因以調節重組蛋白的糖基化

[73] AMGEN INC.  
ONE AMGEN CENTER DRIVE  
THOUSAND OAKS  
CA 91320-1799  
UNITED STATES OF AMERICA

[72] GUPTA, Shivani  
KANG, Sohye

[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[51] C12N 15/90 [11] 1224700  
C12N 9/22 EP3019619 B1  
[13] B

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[51] C12N 5/071 [11] 40012478  
C12N 5/0784 EP3562935 B1  
G01N 33/50  
[13] B

[25] EN

[21] 62020002357.5 [22] 06.02.2020

[86] 26.12.2017 PCT/EP2017/084583

[87] 05.07.2018 WO2018/122219

[30] 27.12.2016 LU,93401

[54] THREE-DIMENSIONAL IN VITRO ALVEOLAR LUNG MODEL, PROCESS FOR  
PREPARING SAID MODEL, AND ITS USE FOR DETERMINING AND/OR  
PREDICTING THE SENSITIZING EFFECTS OF INHALABLE PRODUCTS  
三維體外肺泡肺模型、所述模型的製備方法以及其用於確定和/或預測可吸入物的致  
敏效果的用途

[73] Luxembourg Institute of Science and Technology (LIST)  
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[72] CHARY, Aline  
GUTLEB, Arno  
SERCHI, Tommaso  
BLÖMEKE, Brunehilde

[74] YOU YI INTERNATIONAL INTELLECTUAL PROPERTY SERVICES LIMITED  
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33 Canton Road, Tsim Sha Tsui, Kowloon  
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[51] C12N 5/0775 [11] 1232470  
CN106456676 B  
[13] B

[25] ZH

[21] 17106330.7 [22] 26.06.2017

[86] 06.07.2015 PCT/KR2015/006919

[87] 14.01.2016 WO2016/006885

[30] 07.07.2014 US,62/021,366

[54] HAIR GROWTH-PROMOTING FUNCTION OF CULTURE MEDIUM OF  
STIMULATED STEM CELLS AND USE THEREOF  
經刺激的幹細胞的培養基的毛髮生長促進功能及其用途

- [73] MEDIPOST CO., LTD.  
米迪波斯特股份有限公司  
(SAMPYEONG-DONG) 21  
DAEWANGPANGYO-RO 644  
BUNDANG-GU  
SEONGNAM-SI, GYEONGGI-DO 13494  
REPUBLIC OF KOREA
- [72] YANG, Yoon Sun 梁允瑄  
OH, Won Il 吳元一  
LEE, Jang Young 李章榮  
CHOI, Soo Jin 崔秀真  
JEON, Hong Bae 田洪培  
KIM, Ju Yeon 金珠淵  
LIM, Hoon 林勛  
SHIN, Seung-Hyun 辛承炫  
PARK, Won-Seok 朴元錫
- [74] Sunhope Intellectual Property Limited Attn: Miss Fiona Ko  
ROOM 902, 9/F, QUALIPAK TOWER  
NO. 121-122 CONNAUGHT ROAD WEST  
HONG KONG

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- [51] C12N 5/0784 [11] 40012478  
C12N 5/071 EP3562935 B1  
[13] B

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- [51] C12N 5/095 [11] 1225753  
A61K 35/50 EP3031909 B1  
A61P 37/06  
[13] B

[25] EN

[21] 16114083.1 [22] 09.12.2016

[30] 13.10.2005 US, 60/727,004  
04.08.2006 US, 60/835,628

[54] IMMUNOMODULATION USING PLACENTAL STEM CELLS  
使用胎盤幹細胞的免疫調節

[73] Celularity, Inc.  
170 Park Avenue, Florham Park, NJ 07932 / US  
UNITED STATES OF AMERICA

[72] Edinger, James W. 詹姆士·愛丁格  
Paludan, Casper 卡斯帕爾·帕盧丹  
Harbacheuski, Ryhor 萊赫爾·哈巴庫斯奇  
Murray, RoseAnn 羅斯安·默裏  
Hariri, Robert J. 羅伯特·J·哈黎裏

[74] HONGKONG TRUER IP LIMITED  
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[51] C12N 5/10 [11] 1262753  
C12N 15/09 CN109072226 B  
[13] B

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[51] C12N 9/10 [11] 1242375  
C12N 9/99 CN107022532 B  
[13] B

[25] ZH

[21] 18101811.5 [22] 06.02.2018

[30] 22.04.2011 US, 61/478,474  
25.04.2011 US, 61/478,899

[54] COMPOSITIONS RELATING TO A MUTANT CLOSTRIDIUM DIFFICILE TOXIN  
AND METHODS THEREOF  
涉及突變體難辨梭菌毒素的組合物及其方法

[73] Wyeth LLC  
惠氏有限責任公司  
Five Giralda Farms Madison  
New Jersey 07940  
UNITED STATES OF AMERICA

[72] DONALD, Robert G. K. R·G·K·唐納德  
FLINT, Michael James M·J·弗林特  
SIDHU, Maninder K. M·K·希胡  
ANDERSON, Annaliesa Sybil A·S·安德森  
JANSEN, Kathrin Ute K·U·揚森  
KALYAN, Narender K. N·K·卡利安  
MININNI, Terri L. T·L·米寧尼  
MORAN, Justin Keith J·K·莫蘭  
RUPPEN, Mark E. M·E·魯彭

[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] C12N 9/20 [11] 1232126  
A61K 31/215 CN106456588 B  
[13] B

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| [51] | C12N 9/22<br>C12N 15/85<br>C12N 15/63<br>C12N 15/11<br>A61K 48/00<br>C12N 15/90                                                                                                        | [11] | 1224700<br>EP3019619 B1 |
|      |                                                                                                                                                                                        | [13] | B                       |
| [25] | EN                                                                                                                                                                                     |      |                         |
| [21] | 16112956.9                                                                                                                                                                             | [22] | 11.11.2016              |
| [86] | 11.07.2014 PCT/US2014/046434                                                                                                                                                           |      |                         |
| [87] | 15.01.2015 WO2015/006747                                                                                                                                                               |      |                         |
| [30] | 11.07.2013 US,201361844890 P<br>03.10.2013 US,201361886545 P                                                                                                                           |      |                         |
| [54] | COMPOSITIONS COMPRISING SYNTHETIC POLYNUCLEOTIDES ENCODING<br>CRISPR RELATED PROTEINS AND SYNTHETIC SGRNAS AND METHODS OF<br>USE<br>包含用於編碼 CRISPR 相關蛋白和合成 SGRNAS 的合成的多核苷酸的組合物和使用<br>方法 |      |                         |
| [73] | ModernaTX, Inc.<br>200 Technology Square<br>Cambridge, MA 02139<br>UNITED STATES OF AMERICA                                                                                            |      |                         |
| [72] | HOGE, Stephen, G.<br>HUANG, Eric, Yi-chun<br>CHAKRABORTY, Tirtha                                                                                                                       |      |                         |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED<br>22/F, Great Eagle Centre, 23 Harbour Road<br>Wanchai<br>HONG KONG                                                                            |      |                         |

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| [51] | C12N 9/22<br>C12N 15/11 | [11] | 1228925<br>EP3129393 B1 |
|      |                         | [13] | B                       |

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|------|------------------------|------|--------------------------|
| [51] | C12N 9/99<br>C12N 9/10 | [11] | 1242375<br>CN107022532 B |
|      |                        | [13] | B                        |

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| [51] | C12Q 1/68<br>C12Q 1/6867 | [11] | 1263018<br>EP3404114 B1 |
|      |                          | [13] | B                       |

[25] EN  
[21] 19122982.2 [22] 26.04.2019  
[30] 22.12.2005 US,752590 P  
[54] METHOD FOR HIGH-THROUGHPUT AFLP-BASED POLYMORPHISM DETECTION  
用於基於 AFLP 的高通量多態性檢測的方法  
[73] Keygene N.V.  
P.O. Box 216  
6700 AE Wageningen  
NETHERLANDS  
[72] Michael Josephus Theresia van EIJK  
Anker Preben Sørensen  
Marco Gerardus Maria van Schriek  
[74] DEACONS  
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[51] C12Q 1/68 [11] 40000563  
A61K 39/00 EP3473267 B1  
[13] B

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[51] C12Q 1/6867 [11] 1263018  
C12Q 1/68 EP3404114 B1  
[13] B

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[51] C12Q 1/6869 [11] 1218767  
CN105400868 B  
[13] B

[25] ZH  
[21] 16106720.6 [22] 13.06.2016  
[30] 22.08.2007 US,60/965871  
[54] METHODS OF USING MIRNA FOR DETECTION OF IN VIVO CELL DEATH  
使用 MIRNA 檢測體內細胞死亡情況的方法  
[73] TROVAGENE, INC.  
11055 FLINTKOTE AVENUE  
SAN DIEGO  
CA 92121  
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[72] HOVSEP S. MELKONYAN  
EUGENE M. SHEKHTMAN  
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[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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[51] C12Q 1/6886 [11] 1263074  
EP3458610 B1  
[13] B

[25] EN

[21] 19123076.2 [22] 29.04.2019

[86] 25.05.2017 PCT/IB2017/053094

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[54] THERAPEUTIC TREATMENT OF BREAST CANCER BASED ON C-MAF STATUS  
基於 C-MAF 狀態的乳腺癌治療

[73] INBIOMOTION S.L.  
Paris 175, 4-2  
08036 Barcelona  
SPAIN

[72] GREGORY, Walter Martin  
TERCERO, Juan Carlos  
GOMIS, Roger  
COLEMAN, Robert E.

[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] E03C 1/122 [11] 1258019  
F16L 55/054 EP3346060 B1  
[13] B

[25] EN

[21] 19100389.8 [22] 10.01.2019

[54] AIR PRESSURE ATTENUATION DEVICE  
氣壓衰减裝置

[73] Heriot-Watt University  
Edinburgh EH14 4AS  
UNITED KINGDOM

[72] CAMPBELL DAVID PAUL  
GORMLEY MICHAEL

[74] DONG'S INTELLECTUAL PROPERTY SERVICE COMPANY LIMITED  
Flat E, 37th Floor, Block 7, South Horizons

Ap Lei Chau  
HONG KONG

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| [51] | E04B 1/24 | [11] | 40029093      |
|      | E04B 1/58 |      | CN111433416 B |
|      |           | [13] | B             |

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| [51] | E04B 1/58 | [11] | 40029093      |
|      | E04B 1/24 |      | CN111433416 B |
|      |           | [13] | B             |

[25] ZH

[21] 62020018747.9 [22] 22.10.2020

[86] 11.10.2018 PCT/JP2018/037911

[87] 18.04.2019 WO2019/074050

[30] 13.10.2017 JP,2017-199349

[54] JOINT STRUCTURE FOR H-BEAM  
H 型鋼的接合結構[73] BUILDING SYSTEM DESIGN CO., LTD  
构法开发株式会社  
1-10-18-403, Kinshi  
Sumida-ku, Tokyo  
JAPAN

[72] Katsunori ONISHI 大西克则

[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] | F02D 41/22 | [11] | 1225089       |
|      | F02D 41/38 |      | CN105612334 B |
|      |            | [13] | B             |

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| [51] | F02D 41/38 | [11] | 1225089       |
|      | F02D 41/40 |      | CN105612334 B |
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|      |            | [13] | B             |

[25] ZH

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[86] 01.08.2014 PCT/EP2014/002125

[87] 19.02.2015 WO2015/022057

- [30] 14.08.2013 DE,102013216192.1
- [54] METHOD FOR DETERMINING AT LEAST ONE INJECTION PARAMETER OF AN  
INTERNAL COMBUSTION ENGINE, AND INTERNAL COMBUSTION ENGINE  
用於確定內燃機的至少一個噴射參數的方法以及內燃機
- [73] MTU FRIEDRICHSHAFEN GMBH  
MAYBACHPLATZ 1  
88045 FRIEDRICHSHAFEN  
GERMANY
- [72] WALDER, Michael  
GERBETH, Robby
- [74] CHINA PATENT AGENT (HONG KONG) LIMITED  
22/F, Great Eagle Centre, 23 Harbour Road  
Wanchai  
HONG KONG
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- [51] F02D 41/40 [11] 1225089  
F02D 41/38 CN105612334 B
- [13] B
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- [51] F16B 13/06 [11] 40029781  
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- [13] B
- [25] DE
- [21] 62020020084.3 [22] 16.11.2020
- [86] 14.11.2018 PCT/EP2018/081157
- [87] 27.06.2019 WO2019/120764
- [30] 18.12.2017 EP,17207892.5
- [54] EXPANSION ANCHOR COMPRISING BROAD ANNULAR GROOVE ON EXPANDING  
SLEEVE  
在膨脹套筒上包括寬環狀槽的膨脹錨
- [73] HILTI AKTIENGESELLSCHAFT  
Feldkircherstr. 100  
9494 Schaan  
LIECHTENSTEIN
- [72] HAEUSSLER, Karl  
FRENSEMEIER, Mareike  
SHIMAHARA, Hideki  
LI, Yijun  
GUEVARA ARRIOLA, Arturo  
YAN, Wentao
- [74] WILKINSON & GRIST  
6th Floor, Prince's Building  
Chater Road  
HONG KONG
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| [51] | F16D 7/00                                                                                                   | [11] | 1226795<br>CN106015375 B |
|      |                                                                                                             | [13] | B                        |
| [25] | ZH                                                                                                          |      |                          |
| [21] | 17100207.0                                                                                                  | [22] | 06.01.2017               |
| [30] | 31.03.2015 JP,2015-071235                                                                                   |      |                          |
| [54] | A METHOD FOR MOUNTING TORQUE LIMITER AND A METHOD FOR<br>ASSEMBLING TORQUE LIMITER<br>扭矩限制器的安裝方法及扭矩限制器的組裝方法 |      |                          |
| [73] | ORIGIN COMPANY, LIMITED<br>株式會社歐利生<br>3-3-27, Sakawa<br>Sakura-ku<br>Saitama-shi<br>Saitama<br>JAPAN        |      |                          |
| [72] | INOUCHI, Haruhi 井內晴日                                                                                        |      |                          |
| [74] | 范紀羅江律師行<br>香港<br>灣仔港灣道 6-8 號<br>瑞安中心 23 樓                                                                   |      |                          |

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| [51] | F16L 55/054<br>E03C 1/122 | [11] | 1258019<br>EP3346060 B1 |
|      |                           | [13] | B                       |

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| [51] | F21V 8/00                                                                                           | [11] | 40026595<br>EP3679296 B1 |
|      |                                                                                                     | [13] | B                        |
| [25] | EN                                                                                                  |      |                          |
| [21] | 62020016348.8                                                                                       | [22] | 16.09.2020               |
| [86] | 20.08.2018 PCT/GB2018/052356                                                                        |      |                          |
| [87] | 14.03.2019 WO2019/048821                                                                            |      |                          |
| [30] | 06.09.2017 GB,1714334.8                                                                             |      |                          |
| [54] | OPTICAL DEVICE FOR USE IN AN AUGMENTED REALITY OR VIRTUAL<br>REALITY DEVICE<br>在增強現實或虛擬現實設備中使用的光學設備 |      |                          |
| [73] | Wave Optics Ltd<br>141 Park Drive, Milton<br>Abingdon, OX14 4SR<br>UNITED KINGDOM                   |      |                          |

[72] VALERA, Mohmed Salim

[74] VIVIEN CHAN & CO  
32/F, Harbour Centre  
25 Harbour Road, Wanchai  
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[51] F24H 1/08 [11] 1262219  
F24H 9/06 CN109210770 B

[13] B

[25] ZH

[21] 19122146.4 [22] 11.04.2019

[30] 05.07.2017 JP,2017-131727

[54] HOT WATER SUPPLY DEVICE  
供熱水裝置

[73] Rinnai Corporation  
2-26 Fukuzumi-cho, Nakagawa-Ku  
Nagoya-shi, Aichi 454-0802  
JAPAN

[72] Yasuhiko , SHIMOIDE

[74] ROBIN BRIDGE & JOHN LIU  
6th Floor, Emperor Commercial Centre  
39 Des Voeux Road Central  
HONG KONG

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[51] F24H 9/06 [11] 1262219  
F24H 1/08 CN109210770 B

[13] B

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[51] F25B 17/10 [11] 40042182  
C09K 5/20 CN112055738 B

[13] B

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[51] G01F 1/84 [11] 40021313  
G01F 25/00 CN110709678 B

[13] B

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[51] G01F 25/00 [11] 40021313  
G01F 1/84 CN110709678 B

[13] B

[25] ZH

[21] 62020011208.9 [22] 15.07.2020

[86] 14.06.2017 PCT/US2017/037482

[87] 20.12.2018 WO2018/231220

[54] MINIMIZING A CREST IN A MULTI-TONE DRIVE SIGNAL IN A  
VIBRATORY METER

最小化振動儀表中的多音調驅動信號中的波峰

[73] MICRO MOTION, INC.  
7070 WINCHESTER CIRCLE  
BOULDER, COLORADO 80301  
UNITED STATES OF AMERICA[72] CUNNINGHAM, Timothy J.  
RENSING, Matthew Joseph  
BELL, Mark James[74] CHINA PATENT AGENT (HONG KONG) LIMITED  
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Wanchai  
HONG KONG[51] G01N 1/40 [11] 1242777  
G01N 30/88 EP3221692 B1

[13] B

[51] G01N 30/06 [11] 1242777  
G01N 30/88 EP3221692 B1

[13] B

[51] G01N 30/88 [11] 1242777  
G01N 30/06 EP3221692 B1  
G01N 1/40  
A61P 11/00

[13] B

[25] EN

[21] 18102140.5 [22] 11.02.2018

[86] 18.11.2015 PCT/US2015/061264

[87] 26.05.2016 WO2016/081556

[30] 18.11.2014 US, 62/081,181

[54] PROCESS OF CONDUCTING HIGH THROUGHPUT TESTING HIGH  
PERFORMANCE LIQUID CHROMATOGRAPHY

高通量測試高效液相色譜的方法



[73] Vertex Pharmaceuticals Inc.  
50 Northern Avenue  
Boston, MA 02210  
UNITED STATES OF AMERICA

[72] BORSJE, Eric  
RASMUSSEN, Henrik, Torstholm

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

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| [51] | G01N 33/48 | [11] | 1247886      |
|      | B01L 3/02  |      | EP3181228 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
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| [51] | G01N 33/50 | [11] | 40000563     |
|      | A61K 39/00 |      | EP3473267 B1 |
|      |            | [13] | B            |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | G01N 33/50 | [11] | 40012478     |
|      | C12N 5/071 |      | EP3562935 B1 |
|      |            | [13] | B            |

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|------|------------|------|--------------|
| [51] | G01N 33/53 | [11] | 1247886      |
|      | B01L 3/02  |      | EP3181228 B1 |
|      |            | [13] | B            |

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| [51] | G01N 33/542 | [11] | 40030288     |
|      | G01N 33/58  |      | EP3729088 B1 |
|      | G01N 33/68  |      |              |
|      |             | [13] | B            |

[25] EN

[21] 62020019480.6 [22] 04.11.2020

[86] 19.12.2018 PCT/EP2018/085898

[87] 27.06.2019 WO2019/121952

[30] 21.12.2017 DK, PA201700738

[54] DIAGNOSIS AND TREATMENT OF ALPHA-SYNUCLEINOPATHIES  
 $\alpha$ -共核蛋白病的診斷和治療

- [73] H. LUNDBECK A/S  
H.隆德贝克有限公司  
Ottiliavej 9 DK-2500 Valby  
DENMARK
- [72] Ibrahim John MALIK  
Pekka KALLUNKI  
Karina FOG
- [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] G01N 33/543 [11] 1227996  
G01N 33/573 CN105849564 B  
G01N 33/68

[13] B

[25] ZH

[21] 17101326.4 [22] 07.02.2017

[86] 07.01.2015 PCT/US2015/010498

[87] 16.07.2015 WO2015/105888

[30] 07.01.2014 US, 61/924,487

[54] PROTEINS TARGETING ORTHOLOGS  
靶向直向同源物的蛋白

[73] BIOATLA, LLC  
生物蛋白有限公司  
11011 Torreyana Road  
San Diego  
California 92121 (美国加利福尼亚)  
UNITED STATES OF AMERICA

[72] SHORT, Jay 杰·肖特

[74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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1 Harbour Road, Wanchai  
HONG KONG

- 
- [51] G01N 33/573 [11] 1227996  
G01N 33/543 CN105849564 B

[13] B

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- [51] G01N 33/574 [11] 1226666  
A61K 39/00 EP3041500 B1

[13] B

[51] G01N 33/58 [11] 40030288  
G01N 33/542 EP3729088 B1  
[13] B

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[51] G01N 33/68 [11] 1227996  
G01N 33/543 CN105849564 B  
[13] B

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[51] G01N 33/68 [11] 1236242  
CN107003320 B  
[13] B

[25] ZH

[21] 17109832.4 [22] 27.09.2017

[86] 24.11.2015 PCT/EP2015/077504

[87] 02.06.2016 WO2016/083374

[30] 25.11.2014 EP,14306879.9

[54] BIOMARKERS OF FAST PROGRESSION OF CHRONIC KIDNEY DISEASE  
慢性腎臟疾病的快速進展的生物標誌物

[73] F.Hoffmann-La Roche AG  
豪夫邁·羅氏有限公司  
Grenzacherstrasse 124  
4070 Basel  
SWITZERLAND

INSERM

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101, rue de Tolbiac  
75013 Paris  
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[72] BROUEILH, Melanie 梅拉妮·布魯耶爾  
MUORAH, Mordi 穆爾迪·穆奧拉哈  
TERZI, Fabiola 法比奧拉·特爾西

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

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[51] G01N 33/68 [11] 1258919  
A61K 38/47 EP3354277 B1  
[13] B

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| [51] | G01N 33/68<br>C07K 14/415<br>C07K 16/16                                                                                         | [11] | 1263291<br>CN108427001 B |
|      |                                                                                                                                 | [13] | B                        |
| [25] | ZH                                                                                                                              |      |                          |
| [21] | 19101670.4                                                                                                                      | [22] | 30.01.2019               |
| [30] | 15.02.2017 EP,17000245.5<br>26.06.2017 EP,17001081.3                                                                            |      |                          |
| [54] | AN IMPROVED ASSAY FOR THE DIAGNOSIS OF PEANUT ALLERGY<br>改進的診斷花生過敏的測定法                                                          |      |                          |
| [73] | EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG<br>欧蒙医学实验诊断股份公司<br>SEEKAMP 31, D-23560 LUEBECK<br>GERMANY                            |      |                          |
| [72] | WALTRAUD SUER W·蘇爾<br>STEFANIE ROHWER S·羅威爾<br>BETTINA BRIX B·布瑞克斯<br>ALF WEIMANN A·韋曼                                          |      |                          |
| [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] | G01N 33/68<br>G01N 33/542 | [11] | 40030288<br>EP3729088 B1 |
|      |                           | [13] | B                        |

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| [51] | G01N 35/00<br>B01L 3/02 | [11] | 1247886<br>EP3181228 B1 |
|      |                         | [13] | B                       |

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| [51] | G01N 35/02<br>B01L 3/02 | [11] | 1247886<br>EP3181228 B1 |
|      |                         | [13] | B                       |

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| [51] | G02C 7/04<br>B29C 39/12 | [11] | 40023326<br>CN111328381 B |
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B29C 39/24  
B29C 39/26

[13] B

[25] ZH

[21] 62020012202.1 [22] 23.07.2020

[86] 17.10.2018 PCT/JP2018/038590

[87] 25.04.2019 WO2019/078231

[30] 18.10.2017 JP,2017-202114

[54] METHOD FOR MANUFACTURING OPHTHALMIC LENS IN WHICH MEMBER IS  
EMBEDDED

埋入了部件的眼用鏡片的製造方法

[73] SEED CO., LTD.

株式会社实瞳

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Bunkyo-ku, Tokyo 1138402

JAPAN

[72] JONIN, Kunio 上仁邦夫

ARAI, Ritsuko 荒井律子

FUKUDA, Takeshi 福田猛

[74] IDEA INTELLECTUAL LIMITED

21st Floor, Skyway Centre

23 Queen's Road West, Sheung Wan

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[51] G03B 21/14 [11] 1226226  
H04N 9/31 CN105684437 B

[13] B

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[51] G05B 19/05 [11] 40029112  
H04L 29/06 EP3646561 B1

[13] B

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[51] G06F 1/16 [11] 1254662  
B21D 31/04 EP3324265 B1  
B29C 53/00

[13] B

[25] EN

[21] 18113641.6 [22] 24.10.2018

[30] 16.02.2012 US,201261599766 P

[54] INTERLOCKING FLEXIBLE SEGMENTS FORMED FROM A RIGID MATERIAL

由剛性材料形成的聯鎖柔性片段

[73] Apple Inc.  
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[72] RUSSELL-CLARKE, Peter N  
NASHNER, Michael S.

[74] WILKINSON & GRIST  
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HONG KONG

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| [51] | G06F 16/22 | [11] | 40025273      |
|      | G06F 16/28 |      | CN111324674 B |
|      |            | [13] | B             |

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|------|------------|------|---------------|
| [51] | G06F 16/22 | [11] | 40045453      |
|      | G06F 8/30  |      | CN112306478 B |
|      |            | [13] | B             |

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| [51] | G06F 16/23 | [11] | 40045509      |
|      | G06F 16/27 |      | CN112380294 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | G06F 16/245 | [11] | 40045453      |
|      | G06F 8/30   |      | CN112306478 B |
|      |             | [13] | B             |

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|      |            |      |               |
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| [51] | G06F 16/27 | [11] | 40045509      |
|      | G06F 16/28 |      | CN112380294 B |
|      | G06F 16/23 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42021036055.8 [22] 04.08.2021

[54] BLOCKCHAIN CROSS-CHAIN ACCESS METHOD AND DEVICE  
區塊鏈跨鏈訪問方法及裝置

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.  
支付宝(杭州)信息技术有限公司  
中國

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[51] G06F 16/28

[11] 40025273

G06F 16/22

CN111324674 B

[13] B

[25] ZH

[21] 42020014851.8

[22] 21.08.2020

[54] BUSINESS PROCESSING METHOD AND APPARATUS, SERVER, AND STORAGE  
MEDIUM

業務處理方法、裝置、服務器及存儲介質

[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

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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] DAI, LISONG 戴礼松

[74] 集佳知識產權有限公司

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[51] G06F 16/28

[11] 40045509

G06F 16/27

CN112380294 B

[13] B

[51] G06F 16/957

[11] 1259094

G06F 9/451

CN108446152 B

[13] B

[51] G06F 21/32 [11] 40002571  
CN109165488 B  
[13] B

[25] ZH

[21] 19125780.7 [22] 25.06.2019

[54] IDENTITY AUTHENTICATION METHOD AND DEVICE  
身份鑒別方法及裝置

[73] Advanced New Technologies Co., Ltd.

创新先进技术有限公司

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[72] 方濤

[74] 博思佳知識產權代理有限公司

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[51] G06F 21/44 [11] 1241072  
G16H 40/63 CN107077527 B  
[13] B

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[51] G06F 21/55 [11] 40029112  
H04L 29/06 EP3646561 B1  
[13] B

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[51] G06F 21/56 [11] 40029112  
H04L 29/06 EP3646561 B1  
[13] B

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[51] G06F 21/62 [11] 40025826  
G06Q 10/06 CN111460504 B  
[13] B

[25] ZH

[21] 42020015765.9 [22] 10.09.2020

[54] BUSINESS PROCESSING METHOD AND DEVICE, NODE DEVICE AND  
STORAGE MEDIUM

業務處理方法、裝置、節點設備及存儲介質



- [73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED  
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LAN,HU 藍虎  
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ZHOU,KAIBAN 周开班  
YANG,CHANGQING 楊常青  
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ZHU,GENGLIANG 朱耿良  
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- [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] G06F 21/62 [11] 40044755  
G06F 9/54 CN112231124 B  
[13] B
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- [51] G06F 21/64 [11] 40045459  
G06Q 30/06 CN112308689 B  
[13] B
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- [51] G06F 8/30 [11] 40045453  
G06F 16/22 CN112306478 B  
G06F 16/245  
[13] B

[25] ZH

[21] 42021035774.5 [22] 29.07.2021

[54] METHOD AND DEVICE FOR DETERMINING PROGRAM STATEMENTS  
ASSOCIATED WITH BUSINESS CHANGE  
確定業務變更關聯的程序語句的方法和裝置

- [73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.  
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- [72] 王海军  
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- [51] G06F 8/38 [11] 40001437  
CN108984170 B  
[13] B
- [25] ZH
- [21] 19124670.1 [22] 04.06.2019
- [54] H5 PAGE MULTILINGUAL RENDER METHOD AND DEVICE  
H5 頁面多語言渲染方法及裝置
- [73] Advanced New Technologies Co., Ltd.  
创新先进技术有限公司  
開曼群島  
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- 

- [51] G06F 9/451 [11] 1259094  
G06F 16/957 CN108446152 B  
[13] B
- [25] ZH
- [21] 19101594.7 [22] 29.01.2019
- [54] PAGE DISPLAY METHODS AND DEVICES  
頁面顯示方法及裝置
- [73] Advanced New Technologies Co., Ltd.  
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[51] G06F 9/54  
G06F 21/62[11] 40044755  
CN112231124 B

[13] B

[25] ZH

[21] 42021034888.4

[22] 12.07.2021

[54] INTER-APPLICATION COMMUNICATION METHOD AND DEVICE BASED ON  
PRIVACY PROTECTION

基於隱私保護的應用間通信方法及裝置

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

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[51] G06K 17/00  
G06Q 30/02[11] 1256192  
CN108154404 B

[13] B

[51] G06K 19/077  
H04B 5/00[11] 1237135  
CN106797235 B

[13] B

[51] G06Q 10/06  
G06F 21/62[11] 40025826  
CN111460504 B

[13] B

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| [51] | G06Q 20/20 | [11] | 40044764      |
|      | G06Q 20/32 |      | CN112232801 B |
|      |            | [13] | B             |

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| [51] | G06Q 20/32 | [11] | 40002455      |
|      | G06Q 20/40 |      | CN109191112 B |
|      |            | [13] | B             |

[25] ZH

[21] 19126016.5 [22] 28.06.2019

[54] AUTHENTICATION METHOD AND DEVICE  
身份驗證方法及裝置

[73] Advanced New Technologies Co., Ltd.  
创新先进技术有限公司  
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| [51] | G06Q 20/32 | [11] | 40044764      |
|      | G06Q 20/40 |      | CN112232801 B |
|      | G06Q 20/38 |      |               |
|      | G06Q 20/20 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42021034924.7 [22] 11.09.2019

[62] 11.09.2019 19129451.1

[54] ELECTRONIC TRANSACTION METHOD AND TERMINAL  
一種電子交易的方法及終端

[73] 華為終端有限公司  
中國  
廣東省東莞市松山湖高新技術產業開發區新城大道 2 號  
南方工廠廠房(一期)項目 B2 區生產廠房-5 523808

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新鴻基中心 37 樓 3716 室

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| [51] | G06Q 20/38 | [11] | 40044764      |
|      | G06Q 20/32 |      | CN112232801 B |
|      |            | [13] | B             |

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| [51] | G06Q 20/40 | [11] | 40002455      |
|      | G06Q 20/32 |      | CN109191112 B |
|      |            | [13] | B             |

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| [51] | G06Q 20/40 | [11] | 40044764      |
|      | G06Q 20/32 |      | CN112232801 B |
|      |            | [13] | B             |

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| [51] | G06Q 30/00 | [11] | 40024824      |
|      | G06Q 30/04 |      | CN111311277 B |
|      | G06Q 40/00 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42020014600.9 [22] 20.08.2020

[54] A BILL PROCESSING METHOD, DEVICE AND RELATED EQUIPMENT BASED  
ON A BLOCKCHAIN NETWORK  
一種基於區塊鏈網絡的票據處理方法、裝置和相關設備

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[72] DAI,CHUANBING 戴傳兵

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[51] G06Q 30/02 [11] 1256192  
G06K 17/00 CN108154404 B  
[13] B

[25] ZH

[21] 18115283.4 [22] 29.11.2018

[54] COMMODITY HOT SPOT DETECTION SYSTEM AND METHOD, ELECTRONIC APPARATUS AND STORAGE MEDIUM  
商品熱區探測系統及方法、電子設備、存儲介質

[73] JINGDONG DIGITS TECHNOLOGY HOLDING CO., LTD.  
京东数字科技控股有限公司  
中國  
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[72] 盧宇飛  
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[74] 隆天專利商標代理有限公司  
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[51] G06Q 30/02 [11] 1259033  
G06Q 50/26 CN108520434 B  
[13] B

[25] ZH

[21] 19101522.4 [22] 29.01.2019

[54] DATA PROCESSING METHOD AND APPARATUS  
一種數據處理方法及裝置

[73] Advanced New Technologies Co., Ltd.  
创新先进技术有限公司  
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[72] 金華靜  
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[74] 博思佳知識產權代理有限公司  
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| [51] | G06Q 30/04 | [11] | 40024824      |
|      | G06Q 30/00 |      | CN111311277 B |
|      |            | [13] | B             |

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| [51] | G06Q 30/06 | [11] | 1215353      |
|      | A01G 9/029 |      | EP2966977 B1 |
|      |            | [13] | B            |

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| [51] | G06Q 30/06 | [11] | 40045459      |
|      | G06Q 40/04 |      | CN112308689 B |
|      | G06F 21/64 |      |               |
|      |            | [13] | B             |

[25] ZH

[21] 42021035780.2 [22] 29.07.2021

[54] LEASING METHOD AND DEVICE BASED ON BLOCK CHAIN AND ELECTRONIC EQUIPMENT  
基於區塊鏈的租賃方法及裝置和電子設備

[73] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.  
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| [51] | G06Q 40/00 | [11] | 40024824      |
|      | G06Q 30/00 |      | CN111311277 B |
|      |            | [13] | B             |

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| [51] | G06Q 40/04 | [11] | 40045459      |
|      | G06Q 30/06 |      | CN112308689 B |
|      |            | [13] | B             |

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| [51] | G06Q 50/02 | [11] | 1215353      |
|      | A01G 9/029 |      | EP2966977 B1 |
|      |            | [13] | B            |

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| [51] | G06Q 50/26 | [11] | 1259033       |
|      | G06Q 30/02 |      | CN108520434 B |
|      |            | [13] | B             |

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| [51] | G07D 7/00 | [11] | 40015977      |
|      | G07D 7/12 |      | CN110506300 B |
|      |           | [13] | B             |

[25] ZH

[21] 62020005543.7 [22] 08.04.2020

[86] 07.03.2018 PCT/JP2018/008838

[87] 18.10.2018 WO2018/190039

[30] 12.04.2017 JP,2017-078989

[54] PAPER SHEET IDENTIFICATION SYSTEM  
紙頁類鑒別系統[73] JAPAN CASH MACHINE CO., LTD.  
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2-3-15 Nishiwaki, Hirano-ku  
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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | G07D 7/12 | [11] | 40015977      |
|      | G07D 7/00 |      | CN110506300 B |
|      |           | [13] | B             |

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| [51] | G10L 15/02 | [11] | 1256390       |
|      | G10L 25/63 |      | CN108122552 B |
|      | G10L 15/04 |      |               |
|      | G10L 15/06 |      |               |
|      | G10L 15/08 |      |               |



G10L 25/15  
G10L 25/24

[13] B

[25] ZH

[21] 18115495.8 [22] 04.12.2018

[54] METHOD FOR IDENTIFYING VOICE EMOTION AND DEVICE THEREOF  
語音情緒識別方法和裝置[73] 上海智臻智能網絡科技股份有限公司  
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|      |            |      |               |
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| [51] | G10L 15/04 | [11] | 1256390       |
|      | G10L 15/02 |      | CN108122552 B |
|      |            | [13] | B             |

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| [51] | G10L 15/06 | [11] | 1256390       |
|      | G10L 15/02 |      | CN108122552 B |
|      |            | [13] | B             |

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| [51] | G10L 15/08 | [11] | 1256390       |
|      | G10L 15/02 |      | CN108122552 B |
|      |            | [13] | B             |

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| [51] | G10L 19/008 | [11] | 1245492      |
|      | G10L 19/02  |      | EP3279893 B1 |
|      |             | [13] | B            |

[25] EN

[21] 18104707.6 [22] 29.05.2007

[30] 25.08.2004 US,US 604836 P

[62] 29.05.2007 07105651.2

[54] TEMPORAL ENVELOPE SHAPING FOR SPATIAL AUDIO CODING USING  
FREQUENCY DOMAIN WIENER FILTERING  
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SEEFELDT, Alan Jeffrey

[74] VIVIEN CHAN & CO  
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|      |             |      |              |
|------|-------------|------|--------------|
| [51] | G10L 19/02  | [11] | 1213688      |
|      | G10L 19/032 |      | EP2907132 B1 |
|      |             | [13] | B            |

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| [51] | G10L 19/02  | [11] | 1245492      |
|      | G10L 19/008 |      | EP3279893 B1 |
|      |             | [13] | B            |

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| [51] | G10L 19/032 | [11] | 1213688      |
|      | G10L 19/02  |      | EP2907132 B1 |
|      |             | [13] | B            |

[25] EN

[21] 16101589.7 [22] 14.02.2016

[86] 20.09.2013 PCT/EP2013/069592

[87] 17.04.2014 WO2014/056705

[30] 10.10.2012 US, 61/712,013  
21.12.2012 EP, 12199266.3

[54] APPARATUS AND METHOD FOR EFFICIENT SYNTHESIS OF SINUSOIDS AND  
SWEEPS BY EMPLOYING SPECTRAL PATTERNS  
用於通過使用頻譜模式有效合成正弦曲線和掃描的設備及方法

[73] Fraunhofer Gesellschaft zur Förderung der angewandten  
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[72] SCHUBERT, Benjamin  
GEIGER, Ralf  
DIETZ, Martin

DISCH, Sascha  
EDLER, Bernd

[74] UNITALEN ATTORNEYS AT LAW LIMITED  
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|      |            |      |               |
|------|------------|------|---------------|
| [51] | G10L 25/15 | [11] | 1256390       |
|      | G10L 15/02 |      | CN108122552 B |
|      |            | [13] | B             |

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|      |            |      |               |
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| [51] | G10L 25/24 | [11] | 1256390       |
|      | G10L 15/02 |      | CN108122552 B |
|      |            | [13] | B             |

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| [51] | G10L 25/63 | [11] | 1256390       |
|      | G10L 15/02 |      | CN108122552 B |
|      |            | [13] | B             |

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| [51] | G16H 21/10 | [11] | 1228684      |
|      | A24F 40/50 |      | EP3062643 B1 |
|      |            | [13] | B            |

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| [51] | G16H 40/63 | [11] | 1241072       |
|      | G06F 21/44 |      | CN107077527 B |
|      |            | [13] | B             |

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[25] ZH

[21] 18100327.4 [22] 10.01.2018

[86] 29.07.2015 PCT/US2015/042615

[87] 18.02.2016 WO2016/025171

[30] 13.08.2014 US, 62/036,784

08.07.2015 US, 14/794,256

[54] THE METHOD OF MEDICAL DEVICE MANAGEMENT AND THEFT INHIBITOR  
TECHNIQUES

用於醫療設備管理和防盜技術的方法

[73] IVENIX, INC.

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[72] GRAY, GEORGE W. G·W·格雷

MCQUAID, WILLIAM C. W·C·麥奎德

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|------|------------|------|---------------|
| [51] | H01F 7/00  | [11] | 1234313       |
|      | A61K 31/74 |      | CN106714813 B |
|      |            | [13] | B             |

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| [51] | H01G 2/02 | [11] | 1262040       |
|      | H01G 9/08 |      | CN108701549 B |
|      |           | [13] | B             |

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| [51] | H01G 4/30 | [11] | 1262040       |
|      | H01G 9/08 |      | CN108701549 B |
|      |           | [13] | B             |

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| [51] | H01G 9/00 | [11] | 1262040       |
|      | H01G 9/08 |      | CN108701549 B |
|      |           | [13] | B             |

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| [51] | H01G 9/004 | [11] | 1262040       |
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| [51] | H01G 9/02 | [11] | 1262040       |
|      | H01G 9/08 |      | CN108701549 B |
|      |           | [13] | B             |

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| [51] | H01G 9/022 | [11] | 1262040       |
|      | H01G 9/08  |      | CN108701549 B |

[13] B

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| [51] | H01G 9/08  | [11] | 1262040       |
|      | H01G 2/02  |      | CN108701549 B |
|      | H01G 4/30  |      |               |
|      | H01G 9/00  |      |               |
|      | H01G 9/004 |      |               |
|      | H01G 9/02  |      |               |
|      | H01G 9/022 |      |               |

[13] B

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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| [25] | ZH                                                                                                                                                                   |      |            |
| [21] | 19121933.6                                                                                                                                                           | [22] | 04.04.2019 |
| [86] | 05.01.2017 PCT/US2017/012312                                                                                                                                         |      |            |
| [87] | 20.07.2017 WO2017/123450                                                                                                                                             |      |            |
| [30] | 14.01.2016 US,14/995,909                                                                                                                                             |      |            |
| [54] | LOW PROFILE FLAT WET ELECTROLYTIC TANTALUM CAPACITOR<br>低輪廓扁平濕式電解鉭電容器                                                                                                |      |            |
| [73] | Vishay Sprague, Inc.<br>维莎斯普拉格公司<br>2813 West Road<br>Bennington, VT 05201<br>UNITED STATES OF AMERICA                                                               |      |            |
| [72] | EIDELMAN, Alex A·艾德爾曼<br>LANG, Matthew M·朗<br>BISHOP, Timothy T·畢曉普<br>BREITHAUPT, Stephen S·布賴特豪普特                                                                  |      |            |
| [74] | NTD PATENT & TRADE MARK AGENCY LIMITED<br>Units 1805-6, 18/F, Greenfield Tower, Concordia Plaza<br>No. 1 Science Museum Road, Tsimshatsui East, Kowloon<br>HONG KONG |      |            |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 10/052 | [11] | 1234531       |
|      | H01M 4/38   |      | CN106463711 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 10/054 | [11] | 1234531       |
|      | H01M 4/38   |      | CN106463711 B |
|      |             | [13] | B             |

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| [51] | H01M 10/0567 | [11] | 1234531       |
|      | H01M 4/38    |      | CN106463711 B |
|      |              | [13] | B             |

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| [51] | H01M 10/0568 | [11] | 1234531       |
|      | H01M 4/38    |      | CN106463711 B |
|      |              | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H01M 10/0569 | [11] | 1234531       |
|      | H01M 4/38    |      | CN106463711 B |
|      |              | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H01M 10/613  | [11] | 40000992      |
|      | H01N 10/615  |      | CN109599620 B |
|      | H01M 10/617  |      |               |
|      | H01M 10/625  |      |               |
|      | H01M 10/637  |      |               |
|      | H01M 10/6556 |      |               |
|      | H01M 10/663  |      |               |
|      | B60H 1/00    |      |               |
|      |              | [13] | B             |

[25] ZH

|      |            |      |            |
|------|------------|------|------------|
| [21] | 19124201.5 | [22] | 22.05.2019 |
|------|------------|------|------------|

[54] TEMPERATURE REGULATION SYSTEM FOR VEHICLE-MOUNTED BATTERY  
車載電池的溫度調節系統

[73] 比亞迪股份有限公司  
中國  
518118 廣東省深圳市坪山新區比亞迪路 3009 號

[72] 伍星馳  
談際剛  
王洪軍

[74] 高保知識產權代理有限公司  
香港  
荃灣白田壩街 36-44 號  
信義工業大廈 9 樓

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 10/617 | [11] | 40000992      |
|      | H01M 10/613 |      | CN109599620 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 10/625 | [11] | 40000992      |
|      | H01M 10/613 |      | CN109599620 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 10/637 | [11] | 40000992      |
|      | H01M 10/613 |      | CN109599620 B |
|      |             | [13] | B             |

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|      |              |      |               |
|------|--------------|------|---------------|
| [51] | H01M 10/6556 | [11] | 40000992      |
|      | H01M 10/613  |      | CN109599620 B |
|      |              | [13] | B             |

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| [51] | H01M 10/663 | [11] | 40000992      |
|      | H01M 10/613 |      | CN109599620 B |
|      |             | [13] | B             |

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|------|--------------|------|---------------|
| [51] | H01M 4/38    | [11] | 1234531       |
|      | H01M 10/052  |      | CN106463711 B |
|      | H01M 10/054  |      |               |
|      | H01M 10/0567 |      |               |
|      | H01M 10/0568 |      |               |
|      | H01M 10/0569 |      |               |
|      | H01M 50/457  |      |               |
|      | H01M 50/491  |      |               |
|      |              | [13] | B             |

[25] ZH

[21] 17108012.8 [22] 11.08.2017

[86] 24.03.2015 PCT/US2015/022157

[87] 01.10.2015 WO2015/148450

[30] 24.03.2014 US, 61/969, 433  
11.12.2014 US, 62/090, 585

[54] DENDRITE INHIBITING ELECTROLYTES FOR METAL-BASED BATTERIES  
用於金屬基蓄電池的枝晶抑制性電解質

[73] CORNELL UNIVERSITY  
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UNITED STATES OF AMERICA

[72] Lynden A. ARCHER 林登·A·阿徹  
Tomas ARIAS T·阿裡亞斯  
Yingying LU Y·陸  
Zhengyuan TU Z·塗  
Deniz GUNCELER D·耿斯勒  
Snehashis CHOUDHURY S·喬杜裡

[74] JUN HE LAW OFFICES  
Suite 3701-10, 37th Floor, Jardine House  
1 Connaught Place, Central  
HONG KONG

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 50/457 | [11] | 1234531       |
|      | H01M 4/38   |      | CN106463711 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01M 50/491 | [11] | 1234531       |
|      | H01M 4/38   |      | CN106463711 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H01N 10/615 | [11] | 40000992      |
|      | H01M 10/613 |      | CN109599620 B |
|      |             | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04B 5/00   | [11] | 1237135       |
|      | B65D 55/06  |      | CN106797235 B |
|      | G06K 19/077 |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 17110798.4 [22] 24.10.2017

[86] 18.05.2015 PCT/FR2015/051292

[87] 26.11.2015 WO2015/177451

[30] 21.05.2014 FR,1454571

02.07.2014 FR,1456330

01.12.2014 FR,1461751

[54] ANTI-COUNTERFEITING TAG MAINTAINING A FUNCTIONALITY AFTER USE  
使用後保留功能的防偽標籤

[73] WISEKEY SEMICONDUCTORS  
RUE DE LA CARRIÈRE DE  
BACHASSON ARTEPARC DE  
BACHASSON - BÂT. A



13590 MEYREUIL  
FRANCE[72] ENGUMENT, Jean-Pierre  
BOIRON, Ghislain  
PIC, Pierre[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] | H04B 7/024 | [11] | 1246021       |
|      | H04L 1/16  |      | CN107276642 B |
|      |            | [13] | B             |

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|      |             |      |               |
|------|-------------|------|---------------|
| [51] | H04B 7/0456 | [11] | 1246021       |
|      | H04L 1/16   |      | CN107276642 B |
|      |             | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04B 7/06 | [11] | 1246021       |
|      | H04L 1/16 |      | CN107276642 B |
|      |           | [13] | B             |

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|      |            |      |              |
|------|------------|------|--------------|
| [51] | H04J 13/00 | [11] | 40024957     |
|      | H04L 27/26 |      | EP3621262 B1 |
|      |            | [13] | B            |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 1/00 | [11] | 1246021       |
|      | H04L 1/16 |      | CN107276642 B |
|      |           | [13] | B             |

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|      |           |      |               |
|------|-----------|------|---------------|
| [51] | H04L 1/00 | [11] | 1262372       |
|      | H04L 1/16 |      | CN108702238 B |
|      | H04L 1/18 |      |               |
|      | H04L 5/00 |      |               |
|      |           | [13] | B             |

[25] ZH

[21] 19122166.2 [22] 11.04.2019

- [86] 23.06.2016 PCT/US2016/039057
- [87] 24.08.2017 WO2017/142581
- [30] 16.02.2016 US, 62/295, 927
- [54] MULTIPLEXING UPLINK CONTROL INFORMATION AND DATA ON PHYSICAL UPLINK SHARED CHANNEL  
在物理上行鏈路共享信道上復用上行鏈路控制信息和數據
- [73] APPLE INC.  
苹果公司  
ONE APPLE PARK WAY CUPERTINO  
CALIFORNIA 95014  
UNITED STATES OF AMERICA
- [72] XIONG, Gang 熊崗  
NIMBALKER, Ajit A 尼姆巴爾克  
HE, Hong 何宏  
FWU, Jong-Kae J-K 方
- [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] H04L 1/00 [11] 1262804  
CN109478946 B
- [13] B
- [25] ZH
- [21] 19123031.7 [22] 26.04.2019
- [86] 03.08.2016 PCT/CN2016/093045
- [87] 08.02.2018 WO2018/023485
- [54] DATA TRANSMISSION METHOD AND DEVICE  
傳輸數據的方法和設備
- [73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
OPPO 廣東移動通信有限公司  
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523860 廣東省東莞市長安鎮烏沙海濱路 18 號
- [72] TANG, Hai 唐海
- [74] 香港派特恩知识产权代理有限公司  
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上環永樂街 121-125 號  
永達商業大廈 10 樓 C 室
- 

- [51] H04L 1/16 [11] 1246021  
H04L 1/00 CN107276642 B  
H04B 7/024

H04B 7/0456

H04B 7/06

[13] B

[25] ZH

[21] 18105009.8 [22] 18.04.2018

[30] 09.11.2011 US, 61/557,509

[54] CSI REPORTING FOR A SET OF CSI-RS RESOURCES

針對 CSI-RS 資源的集合的 CSI 報告

[73] Telefonaktiebolaget LM Ericsson (publ)

瑞典愛立信有限公司

SE-164 83 Stockholm

SWEDEN

[72] G·瓊倫

[74] MARKS &amp; CLERK

Level 9, Cyberport 1

100 Cyberport Road, Pok Fu Lam

HONG KONG

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[51] H04L 1/16 [11] 1262372  
H04L 1/00 CN108702238 B

[13] B

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[51] H04L 1/18 [11] 1262372  
H04L 1/00 CN108702238 B

[13] B

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[51] H04L 12/58 [11] 1261859  
H04L 29/06 CN108650165 B  
H04L 29/08

[13] B

[25] ZH

[21] 19121767.8 [22] 02.04.2019

[54] COMMUNICATION DATA RECOVERY METHOD, DEVICE AND EQUIPMENT

一種通訊數據的恢復方法、裝置及設備

[73] Advanced New Technologies Co., Ltd.

创新先进技术有限公司

開曼群島

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乔治镇医院路 27 号开曼企业中心

[72] 任健

[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] H04L 12/66 [11] 1245564  
H04W 88/16 CN107736077 B  
[13] B

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[51] H04L 12/749 [11] 1245564  
H04W 88/16 CN107736077 B  
[13] B

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[51] H04L 27/26 [11] 1258339  
CN109076043 B  
[13] B

[25] ZH

[21] 19100707.3 [22] 16.01.2019

[86] 12.05.2016 PCT/CN2016/081880

[87] 16.11.2017 WO2017/193339

[54] SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL  
DEVICE  
信號傳輸的方法、網絡設備和終端設備

[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
OPPO 廣東移動通信有限公司  
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廣東省東莞市長安鎮烏沙海濱路 18 號

[72] TANG, Hai 唐海

[74] 香港派特恩知識產權代理有限公司  
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永達商業大廈 10 樓 C 室

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[51] H04L 27/26 [11] 40024957  
H04J 13/00 EP3621262 B1  
H04L 5/00  
[13] B

[25] EN

[21] 42020015273.4 [22] 01.09.2020

- [30] 07.09.2007 US,97075407 P  
14.09.2007 US,97240107 P  
09.10.2007 US,97841507 P  
09.10.2007 US,97868707 P  
11.04.2008 KR,20080033799
- [54] GENERATION OF REFERENCE SIGNAL IN A WIRELESS COMMUNICATION SYSTEM  
在無線通信系統中生成參考信號
- [73] Optis Cellular Technology, LLC  
P.O. Box 250649  
Plano, TX 75025  
UNITED STATES OF AMERICA
- [72] HAN, Seung Hee  
NOH, Minseok  
LEE, Daewon
- [74] CHINAHONGKONG IP LIMITED  
1502, 15/F, Capital Centre, 151 Gloucester Road, Wanchai  
HONG KONG
- 
- [51] H04L 29/06 [11] 1239974  
H04L 29/12 CN106921628 B
- [13] B
- [25] ZH
- [21] 17112897.0 [22] 06.12.2017
- [54] METHOD FOR IDENTIFYING NETWORK ACCESS SOURCE BASED ON NETWORK ADDRESS AND DEVICE  
基於網絡地址識別網絡訪問來源方法和裝置
- [73] Alibaba Group Holding Limited  
阿里巴巴集团控股有限公司  
開曼群島  
英属开曼群岛  
大开曼资本大厦一座四层 847 号邮箱
- [72] ZHANG, Xujun 張旭俊
- [74] 三友知識產權代理有限公司  
香港  
中環德己立街 38-44 號  
好利商業大廈 6 字樓 A 室
- 
- [51] H04L 29/06 [11] 1260371  
H04W 12/08 CN108464027 B
- [13] B
-

[51] H04L 29/06 [11] 1260881  
H04L 29/08 CN108574657 B  
[13] B

[25] ZH

[21] 19120723.2 [22] 11.03.2019

[54] METHOD, DEVICE AND SYSTEM FOR ACCESSING SERVER, AND COMPUTING  
DEVICE AND SERVER  
接入服務器的方法、裝置、系統以及計算設備和服務器

[73] Alibaba Group Holding Limited  
阿里巴巴集團控股有限公司  
開曼群島  
英屬開曼群島  
大開曼資本大廈一座四層 847 號信箱

[72] Xiaotian LI 李嘯天

[74] 三友知識產權代理有限公司  
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好利商業大廈 6 字樓 A 室

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[51] H04L 29/06 [11] 1261859  
H04L 12/58 CN108650165 B  
[13] B

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[51] H04L 29/06 [11] 1263099  
CN109565510 B  
[13] B

[25] ZH

[21] 19123107.5 [22] 29.04.2019

[86] 11.08.2017 PCT/US2017/046520

[87] 17.05.2018 WO2018/089070

[30] 12.08.2016 US, 62/374,330

[54] SYSTEMS AND METHODS FOR SECURE COMMUNICATION USING RANDOM  
CIPHER PAD CRYPTOGRAPHY  
使用隨機加密密碼本加密法進行安全通信的系統和方法

[73] 7TUNNELS, INC.  
P.O. Box 982470 Park City  
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UNITED STATES OF AMERICA

[72] MCCARTHY, Kevin R.  
HAMMON, Michael L.  
HILDEBRANDT, Wesley A.

[74] KANGXIN IP LIMITED  
812 Silvercord, Tower 1, 30 Canton Road, Tsimshatsui, Kowloon  
HONG KONG

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|------|-------------------------------------------------------------------------------------------------------------|------|--------------------------|
| [51] | H04L 29/06<br>G05B 19/05<br>G06F 21/55<br>G06F 21/56<br>H04L 29/08                                          | [11] | 40029112<br>EP3646561 B1 |
|      |                                                                                                             | [13] | B                        |
| [25] | EN                                                                                                          |      |                          |
| [21] | 62020018891.5                                                                                               | [22] | 23.10.2020               |
| [86] | 17.06.2018 PCT/IB2018/054446                                                                                |      |                          |
| [87] | 03.01.2019 WO2019/003041                                                                                    |      |                          |
| [30] | 28.06.2017 US,62/525,760                                                                                    |      |                          |
| [54] | A THREAT DETECTION SYSTEM FOR INDUSTRIAL CONTROLLERS<br>用於工業控制器的威脅檢測系統                                      |      |                          |
| [73] | Si-Ga Data Security (2014) Ltd.<br>16 HELKIKEY HA'OR ST.<br>8470913 BEER-SHEVA<br>ISRAEL                    |      |                          |
| [72] | GENDELMAN, Ilan<br>SAMOILOFF, Amir                                                                          |      |                          |
| [74] | CHINA PATENT AGENT (HONG KONG) LIMITED<br>22/F, Great Eagle Centre, 23 Harbour Road<br>Wanchai<br>HONG KONG |      |                          |

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|------|--------------------------|------|--------------------------|
| [51] | H04L 29/08<br>H04L 29/06 | [11] | 1260881<br>CN108574657 B |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | H04L 29/08<br>H04L 12/58 | [11] | 1261859<br>CN108650165 B |
|      |                          | [13] | B                        |

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|      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| [51] | H04L 29/08<br>H04L 29/06 | [11] | 40029112<br>EP3646561 B1 |
|      |                          | [13] | B                        |

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[51] H04L 29/12 [11] 1239974  
H04L 29/06 CN106921628 B  
[13] B

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[51] H04L 5/00 [11] 1262372  
H04L 1/00 CN108702238 B  
[13] B

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[51] H04L 5/00 [11] 40024957  
H04L 27/26 EP3621262 B1  
[13] B

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[51] H04L 5/00 [11] 40017781  
H04W 28/26 CN110663213 B  
[13] B

[25] ZH

[21] 62020007236.6 [22] 11.05.2020

[86] 22.05.2018 PCT/US2018/033857

[87] 29.11.2018 WO2018/217724

[30] 24.05.2017 US, 62/510,534  
21.05.2018 US, 15/985,048

[54] METHODS AND APPARATUSES FOR WIRELESS COMMUNICATION  
用於無線通訊的方法和裝置

[73] QUALCOMM INCORPORATED  
高通股份有限公司  
ATTN: International IP Administration, 5775 Morehouse Drive  
San Diego, California 92121-1714  
UNITED STATES OF AMERICA

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Y·薛  
S·馬利克  
T·卡多斯  
X·張  
T·劉  
M·M·樊  
A·達蒙佳諾維克  
Y·魏  
J·孫

[74] SHANGHAI INTELLECTUAL PROPERTY OFFICE  
Unit F, 20th Floor, Neich Tower



128 Gloucester Road  
HONG KONG

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[51] H04L 9/32 [11] 1255142  
EP3395006 B1  
[13] B  
[25] EN  
[21] 18114227.6 [22] 07.11.2018  
[86] 20.12.2016 PCT/EP2016/081911  
[87] 29.06.2017 WO2017/108783  
[30] 22.12.2015 US,14/978,568  
[54] METHOD FOR MANAGING A TRUSTED IDENTITY  
用於管理受信任身份的方法  
[73] Thales DIS France SA  
6 Rue de la Verrerie  
92190 Meudon  
FRANCE  
[72] LU, HongQian Karen  
[74] NTD PATENT & TRADE MARK AGENCY LIMITED  
Units 1805-6, 18/F., Greenfield Tower, Concordia Plaza  
No. 1 Science Museum Road, Tsimshatsui East, Kowloon  
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[51] H04M 3/00 [11] 1245564  
H04W 88/16 CN107736077 B  
[13] B

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[51] H04N 1/00 [11] 1262063  
H04N 1/60 EP3459237 B1  
[13] B

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[51] H04N 1/60 [11] 1262063  
H04N 1/00 EP3459237 B1  
[13] B

[25] EN  
[21] 19121958.3 [22] 08.04.2019  
[86] 07.11.2016 PCT/US2016/060877  
[87] 11.01.2018 WO2018/009238  
[30] 08.07.2016 US,PCT/US2016/041633

- [54] PRINTING DEVICE SUPPLY COMPONENT  
打印設備供應部件
- [73] Hewlett-Packard Development Company, L.P.  
10300 Energy Drive  
Spring TX 77389  
UNITED STATES OF AMERICA
- Purdue Research Foundation  
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- [72] SHAW, Mark Q.  
JERAN, Paul  
COLLISON, Sean Michael  
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- |      |                           |      |                          |
|------|---------------------------|------|--------------------------|
| [51] | H04N 13/00<br>H04N 19/597 | [11] | 40044425<br>EP3836550 B1 |
|      |                           | [13] | B                        |
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|------|---------------------------|------|--------------------------|
| [51] | H04N 19/124<br>H04N 19/70 | [11] | 1261398<br>CN108965890 B |
|      |                           | [13] | B                        |
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|------|---------------------------|------|--------------------------|
| [51] | H04N 19/159<br>H04N 19/70 | [11] | 1261398<br>CN108965890 B |
|      |                           | [13] | B                        |
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|------|---------------------------|------|--------------------------|
| [51] | H04N 19/174<br>H04N 19/70 | [11] | 1261398<br>CN108965890 B |
|      |                           | [13] | B                        |
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| [51] | H04N 19/46 | [11] | 1261398       |
|      | H04N 19/70 |      | CN108965890 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/46  | [11] | 1261067       |
|      | H04N 19/573 |      | CN108965886 B |
|      | H04N 19/68  |      |               |
|      | H04N 19/70  |      |               |
|      |             | [13] | B             |

[25] ZH

[21] 19120927.9 [22] 14.03.2019

[30] 13.04.2012 US,13/447126

[54] DEVICES FOR IDENTIFYING A LEADING PICTURE  
用於標識前導畫面的設備

[73] VELOS MEDIA INTERNATIONAL LIMITED  
UNIT 40, THE HYDE BUILDING, THE PARK  
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[72] Sachin G. DESHPANDE  
Louis Joseph KEROFSKY

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| [51] | H04N 19/46  | [11] | 40044425     |
|      | H04N 19/597 |      | EP3836550 B1 |
|      |             | [13] | B            |

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|      |            |      |               |
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| [51] | H04N 19/51 | [11] | 1261398       |
|      | H04N 19/70 |      | CN108965890 B |
|      |            | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/573 | [11] | 1261398       |
|      | H04N 19/70  |      | CN108965890 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/573 | [11] | 1261067       |
|      | H04N 19/46  |      | CN108965886 B |
|      |             | [13] | B             |

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|------|-------------|------|---------------|
| [51] | H04N 19/593 | [11] | 1261398       |
|      | H04N 19/70  |      | CN108965890 B |
|      |             | [13] | B             |

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| [51] | H04N 19/597 | [11] | 40044425     |
|      | H04N 19/70  |      | EP3836550 B1 |
|      | H04N 19/46  |      |              |
|      | H04N 19/61  |      |              |
|      | H04N 13/00  |      |              |
|      |             | [13] | B            |

[25] EN

|      |               |      |            |
|------|---------------|------|------------|
| [21] | 42021034416.4 | [22] | 05.07.2021 |
|------|---------------|------|------------|

|      |                        |
|------|------------------------|
| [30] | 12.04.2007 US,923014 P |
|      | 20.04.2007 US,925400 P |

|      |                                       |
|------|---------------------------------------|
| [54] | TILING IN VIDEO ENCODING AND DECODING |
|      | 視頻編碼和解碼中的鋪砌                           |

|      |                                              |
|------|----------------------------------------------|
| [73] | DOLBY INTERNATIONAL AB                       |
|      | C/O APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35 |
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|      | TIAN, DONG            |

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|------|-------------|------|--------------|
| [51] | H04N 19/61  | [11] | 40044425     |
|      | H04N 19/597 |      | EP3836550 B1 |
|      |             | [13] | B            |

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|------|------------|------|---------------|
| [51] | H04N 19/68 | [11] | 1261398       |
|      | H04N 19/70 |      | CN108965890 B |
|      |            | [13] | B             |

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[51] H04N 19/68 [11] 1261067  
H04N 19/46 CN108965886 B  
[13] B

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[51] H04N 19/70 [11] 1261398  
H04N 19/46 CN108965890 B  
H04N 19/573  
H04N 19/68  
H04N 19/159  
H04N 19/51  
H04N 19/593  
H04N 19/124  
H04N 19/91  
H04N 19/174  
[13] B

[25] ZH

[21] 19120911.3 [22] 14.03.2019

[30] 13.04.2012 US,13/447126

[54] DEVICES AND METHODS FOR IDENTIFYING A LEADING PICTURE  
用於標識前導畫面的設備和方法

[73] VELOS MEDIA INTERNATIONAL LIMITED  
UNIT 40, THE HYDE BUILDING, THE PARK  
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[72] SACHIN G. DESHPANDE  
LOUIS JOSEPH KEROFISKY

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

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[51] H04N 19/70 [11] 1261067  
H04N 19/46 CN108965886 B  
[13] B

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[51] H04N 19/70 [11] 40044425  
H04N 19/597 EP3836550 B1  
[13] B

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[51] H04N 19/91 [11] 1261398  
H04N 19/70 CN108965890 B  
[13] B

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[51] H04N 5/225 [11] 1237168  
CN107211081 B  
[13] B

[25] ZH

[21] 17110917.0 [22] 26.10.2017

[86] 22.01.2016 PCT/US2016/014584

[87] 28.07.2016 WO2016/118897

[30] 22.01.2015 US,14/603,212

[54] VIDEO TRANSMISSION BASED ON INDEPENDENTLY ENCODED BACKGROUND  
UPDATES

基於獨立編碼的背景更新的視頻傳輸

[73] HUDDLY INC.

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ALSTAD, Havard, Pedersen H·P·阿爾斯塔德

ERIKSEN, Stein, Ove S·O·埃瑞克森

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[51] H04N 9/31 [11] 1226226  
G03B 21/14 CN105684437 B  
[13] B

[25] ZH

[21] 16114246.5 [22] 14.12.2016

[86] 29.10.2014 PCT/US2014/062952

[87] 07.05.2015 WO2015/066206

[30] 03.11.2013 US,61/899,280

[54] SYSTEMS AND METHODS FOR LOCAL DIMMING IN MULTI-MODULATION  
DISPLAYS

用於多調製顯示中的局部調光的系統和方法

- [73] DOLBY LABORATORIES LICENSING CORPORATION  
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RICHARDS, MARTIN, J. M·J·裡查茲  
PERTIERRA, JUAN, P. J·P·普爾蒂拉
- [74] CLT PATENT & TRADEMARK (H.K.) LIMITED  
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- 

- [51] H04W 12/041 [11] 1260371  
H04W 12/08 CN108464027 B
- [13] B
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- [51] H04W 12/06 [11] 1260371  
H04W 12/08 CN108464027 B
- [13] B
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- [51] H04W 12/08 [11] 1260371  
H04W 36/00 CN108464027 B  
H04L 29/06  
H04W 4/90  
H04W 12/041  
H04W 12/06
- [13] B

[25] ZH

[21] 19120057.5 [22] 26.02.2019

[86] 03.11.2016 PCT/EP2016/076588

[87] 11.05.2017 WO2017/076986

[30] 05.11.2015 EP,15306757.4

[54] SUPPORT OF EMERGENCY SERVICES OVER WLAN ACCESS TO 3GPP  
EVOLVED PACKET CORE FOR UNAUTHENTICATED USERS  
對於未認證用戶通過 WLAN 接入 3GPP 演進分組核心支持緊急服務

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[72] THIEBAUT, Laurent  
LANDAIS, Bruno  
DREVON, Nicolas

[74] FEDERATION OF HONG KONG INDUSTRIES  
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[51] H04W 28/26 [11] 40017781  
H04L 5/00 CN110663213 B  
[13] B

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[51] H04W 36/00 [11] 1260371  
H04W 12/08 CN108464027 B  
[13] B

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[51] H04W 4/90 [11] 1260371  
H04W 12/08 CN108464027 B  
[13] B

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[51] H04W 88/16 [11] 1245564  
H04L 12/66 CN107736077 B  
H04L 12/749  
H04M 3/00  
[13] B

[25] ZH

[21] 18104963.5 [22] 17.04.2018

[86] 30.06.2016 PCT/JP2016/069411

[87] 12.01.2017 WO2017/006833

[30] 06.07.2015 JP,2015-135701

[54] RELAY DEVICE, COMMUNICATION PACKET RELAY METHOD, AND SOUND  
COMMUNICATION SYSTEM  
中繼裝置、通信分組的中繼方法以及聲音通信系統

[73] ICOM INCORPORATED  
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**2. 按發表編號排列****Arranged by Publication Number****1196261 - 40045509**

| [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                                                                                                                                                                                |
| 1196261         | EP2709588                                      | A61K 9/00, A61K 9/06, A61K 31/568, A61K 47/34, A61K 47/44, A61P 5/26                                                                                                                                                     |
| 1211188         | EP2890256                                      | A24F 40/00, A24B 15/167                                                                                                                                                                                                  |
| 1212258         | EP2908805                                      | A61K 9/12, A61K 9/14, A61P 25/00, A61K 31/198, A61K 45/06                                                                                                                                                                |
| 1213444         | EP2903610                                      | A61K 41/00, A61K 47/68, A61K 39/395, A61K 45/06, A61K 31/337, A61K 31/555, A61KK 33/24, B82Y 5/00, C07K 16/22, C07K 16/28, C07K 16/32, A61K 39/00, A61K 9/00, A61K 9/51, A61K 31/282, A61K 47/64, A61K 47/69, A61P 35/00 |
| 1213688         | EP2907132                                      | G10L 19/032, G10L 19/02                                                                                                                                                                                                  |
| 1215353         | EP2966977                                      | A01G 9/029, A01G 9/02, B65D 85/52, G06Q 50/02, G06Q 30/06, A01G 22/00                                                                                                                                                    |
| 1218767         | CN105400868                                    | C12Q 1/6869                                                                                                                                                                                                              |
| 1223609         | CN105873917                                    | C07D 401/12, A61K 31/4439, A61K 31/444, A61K 31/4709, A61K 31/4725, A61K 31/517, A61P 35/00, A61P 5/26, C07D 233/74, C07D 401/14, C07D 403/12                                                                            |
| 1223875         | EP3007767                                      | A61N 1/39, A61N 1/04                                                                                                                                                                                                     |
| 1224700         | EP3019619                                      | C12N 9/22, C12N 15/85, C12N 15/63, C12N 15/11, A61K 48/00, C12N 15/90                                                                                                                                                    |
| 1224939         | CN105833279                                    | A61K 47/22, A61K 47/20, A61K 47/10, A61K 36/71, A61K 36/65, A61K 36/756,                                                                                                                                                 |

|         |             |                                                                                                                                                                                                                        |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |             | A61K 36/898, A61P 17/02,<br>A61K 31/7036, A61K 31/165                                                                                                                                                                  |
| 1225036 | CN105524162 | C07K 14/755, C07K 1/14                                                                                                                                                                                                 |
| 1225089 | CN105612334 | F02D 41/38, F02D 41/40,<br>F02D 41/22                                                                                                                                                                                  |
| 1225753 | EP3031909   | C12N 5/095, A61K 35/50,<br>A61P 37/06                                                                                                                                                                                  |
| 1226226 | CN105684437 | H04N 9/31, G03B 21/14                                                                                                                                                                                                  |
| 1226393 | EP3046920   | C07D 405/14, C07D 319/18,<br>C07D 405/12, C07D 407/12,<br>C07D 417/12, C07D 307/79,<br>C07D 409/12, C07D 213/64,<br>C07D 295/12, C07D 309/10,<br>C07D 311/12, C07D 413/12,<br>C07D 265/30, C07D 205/04,<br>C07D 333/16 |
| 1226666 | EP3041500   | A61K 39/00, A61K 39/12,<br>G01N 33/574                                                                                                                                                                                 |
| 1226795 | CN106015375 | F16D 7/00                                                                                                                                                                                                              |
| 1227716 | EP3065774   | C07K 16/24                                                                                                                                                                                                             |
| 1227996 | CN105849564 | G01N 33/543, G01N 33/573,<br>G01N 33/68                                                                                                                                                                                |
| 1228684 | EP3062643   | A24F 40/50, A24F 40/65,<br>G16H 21/10                                                                                                                                                                                  |
| 1228925 | EP3129393   | C12N 15/11, C12N 9/22                                                                                                                                                                                                  |
| 1229712 | EP3076972   | A61K 31/496, A61K 31/337,<br>A61P 35/00                                                                                                                                                                                |
| 1230631 | EP3087093   | C07K 5/11, C07K 1/02, C07K<br>14/605, A61K 45/06, A61K<br>38/26                                                                                                                                                        |
| 1230638 | EP3095817   | C08L 23/02, A61L 27/00,<br>C08L 33/00                                                                                                                                                                                  |
| 1231846 | EP3102555   | C07C 15/28, C07D 241/04,<br>C07D 407/12, C07D 403/12,<br>A61K 31/496, A61K 31/4545,<br>A61P 25/00, A61P 35/00                                                                                                          |
| 1231928 | CN106170554 | C12N 15/85                                                                                                                                                                                                             |
| 1232123 | EP3107557   | A61K 47/68, A61P 35/00                                                                                                                                                                                                 |
| 1232126 | CN106456588 | A61K 31/215, A01N 37/12,<br>C12N 9/20                                                                                                                                                                                  |
| 1232470 | CN106456676 | C12N 5/0775                                                                                                                                                                                                            |
| 1233134 | CN106659210 | A23L 7/157, A23L 29/30                                                                                                                                                                                                 |
| 1233185 | EP3116491   | A61K 31/444, A61K 9/16,<br>A61K 9/20, A61K 9/14, A61P<br>35/00, C07D 251/18                                                                                                                                            |
| 1233882 | EP3154413   | A61K 9/00, A61K 9/08, A61K<br>9/127, A61K 47/10, A61K                                                                                                                                                                  |

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|         |             | 47/32, A61K 47/36, A61K<br>31/715, A61P 19/02                                                                                                                                                                                                        |
| 1234313 | CN106714813 | A61K 31/74, A61M 37/00,<br>A61Q 19/00, A61Q 19/08,<br>H01F 7/00                                                                                                                                                                                      |
| 1234531 | CN106463711 | H01M 4/38, H01M 10/052,<br>H01M 10/054, H01M 10/0567,<br>H01M 10/0568, H01M 10/0569,<br>H01M 50/457, H01M 50/491                                                                                                                                     |
| 1234999 | EP3185854   | A61K 33/00, A61K 9/00, A61K<br>47/02, A61K 47/10, A61K<br>47/26, A61K 45/06, A61K<br>31/7004, A61K 31/765, A61K<br>31/047, A61K 31/045                                                                                                               |
| 1235637 | CN106572719 | A43B 3/24, A43B 13/36                                                                                                                                                                                                                                |
| 1236186 | EP3154912   | C02F 11/06, C08B 37/00                                                                                                                                                                                                                               |
| 1236188 | CN107108380 | C07B 41/87                                                                                                                                                                                                                                           |
| 1236242 | CN107003320 | G01N 33/68                                                                                                                                                                                                                                           |
| 1236340 | CN107006861 | A23L 33/125, A23L 33/105                                                                                                                                                                                                                             |
| 1236385 | CN107148279 | A61K 38/22, A61K 38/00,<br>A61K 38/10                                                                                                                                                                                                                |
| 1236437 | EP3209321   | A61K 38/22, A61K 38/00,<br>A61K 38/10, A61K 45/06,<br>A61P 35/00, A61P 35/04                                                                                                                                                                         |
| 1237135 | CN106797235 | H04B 5/00, B65D 55/06, G06K<br>19/077                                                                                                                                                                                                                |
| 1237168 | CN107211081 | H04N 5/225                                                                                                                                                                                                                                           |
| 1238575 | EP3209319   | A61K 38/16, A61K 38/56,<br>A61K 9/06, A61K 9/08, A61P<br>17/08, A61P 17/12, A61P<br>43/00                                                                                                                                                            |
| 1239974 | CN106921628 | H04L 29/06, H04L 29/12                                                                                                                                                                                                                               |
| 1240122 | CN107206033 | A61K 39/02                                                                                                                                                                                                                                           |
| 1240152 | CN107206175 | A61M 5/31, A61M 5/315, A61K<br>38/48, A61K 47/26, A61P<br>17/00                                                                                                                                                                                      |
| 1240806 | CN106974692 | A61B 17/12, A61B 17/04                                                                                                                                                                                                                               |
| 1240916 | EP3201196   | C07D 491/08, C07D 487/08,<br>C07D 491/18, C07D 495/08,<br>C07D 495/18, C07D 471/18,<br>C07D 493/18, A61K 31/55,<br>C07D 513/18, C07D 519/00,<br>C07F 7/18, A61P 3/00, A61P<br>9/00, A61P 25/00, A61P<br>27/00, A61P 35/00, A61P<br>37/00, A61P 43/00 |
| 1241072 | CN107077527 | G16H 40/63, G06F 21/44                                                                                                                                                                                                                               |
| 1241256 | EP3193781   | A61F 2/06, A61L 27/02, A61L<br>27/58                                                                                                                                                                                                                 |

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|---------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1241361 | EP3259271   | C07D 471/04, A61K 31/4375, A61P 1/00, A61P 27/00                                                                                                                                                                                                                                                                                                                                            |
| 1241668 | CN107125861 | A44C 17/00, A44C 17/02, A44C 17/04, A44C 27/00                                                                                                                                                                                                                                                                                                                                              |
| 1242375 | CN107022532 | C12N 9/10, C12N 9/99                                                                                                                                                                                                                                                                                                                                                                        |
| 1242696 | CN107074823 | C07D 403/12, C07D 401/04, C07D 401/12, C07D 403/04, C07D 253/07, A61K 31/53, A61K 45/06, A61P 35/00, A61P 29/00, A61P 35/02, A61P 37/06, A61P 19/06, A61P 25/28, A61P 19/04, A61P 11/06, A61P 9/10, A61P 17/00, A61P 11/00, A61P 13/12, A61P 1/16, A61P 1/00, A61P 17/06, A61P 19/02, A61P 9/00, A61P 9/14, A61P 1/18, A61P 27/02, A61P 3/10, A61P 3/04, A61P 19/10, A61P 31/18, A61P 33/00 |
| 1242777 | EP3221692   | G01N 30/88, G01N 30/06, G01N 1/40, A61P 11/00                                                                                                                                                                                                                                                                                                                                               |
| 1243073 | CN107108512 | C07D 223/16, C07D 243/12, C07D 267/14, C07D 281/10, A61K 31/551, A61K 31/553, A61K 31/554, A61P 29/00, A61P 37/00, A61P 35/00                                                                                                                                                                                                                                                               |
| 1243695 | CN107697885 | C01B 3/50, C01B 3/56                                                                                                                                                                                                                                                                                                                                                                        |
| 1244018 | CN107709360 | C07K 16/10, A61K 39/42, A61P 31/14                                                                                                                                                                                                                                                                                                                                                          |
| 1244406 | CN107427036 | A23L 2/38, A23L 2/00, A23L 2/66, A23L 2/68                                                                                                                                                                                                                                                                                                                                                  |
| 1245076 | CN107708656 | A61K 8/29, A61K 8/27, A61K 8/02, A61K 8/04, A61Q 17/04, A61Q 19/00                                                                                                                                                                                                                                                                                                                          |
| 1245492 | EP3279893   | G10L 19/008, G10L 19/02                                                                                                                                                                                                                                                                                                                                                                     |
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| 1261398 | CN108965890 | H04N 19/70, H04N 19/46,<br>H04N 19/573, H04N 19/68,<br>H04N 19/159, H04N 19/51,<br>H04N 19/593, H04N 19/124,<br>H04N 19/91, H04N 19/174                                                                              |
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| 1261859 | CN108650165 | H04L 12/58, H04L 29/06,<br>H04L 29/08                                                                                                                                                                                |
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| 1262040 | CN108701549 | H01G 9/08, H01G 2/02, H01G<br>4/30, H01G 9/00, H01G<br>9/004, H01G 9/02, H01G<br>9/022                                                                                                                               |
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| 1262219 | CN109210770 | F24H 1/08, F24H 9/06                                                                                                                                                                                                 |
| 1262272 | EP3397348   | A61Q 7/00, A61K 8/14, A61K<br>8/49, A61K 8/37, A61K 8/34,<br>A61K 47/14, A61K 31/506,<br>A61P 17/14, A61K 9/00, A61K<br>8/73, A61P 8/365, A61K<br>47/38, A61P 17/00                                                  |
| 1262295 | CN108699080 | C07D 498/04, C07D 519/00,<br>A61K 31/5365, A61P 25/00                                                                                                                                                                |
| 1262372 | CN108702238 | H04L 1/00, H04L 1/16, H04L<br>1/18, H04L 5/00                                                                                                                                                                        |
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| 40021313 | CN110709678 | G01F 25/00, G01F 1/84                                                                                                                                                                                                                                                                  |
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| 40029093 | CN111433416 | E04B 1/58, E04B 1/24                                                                                                                                                                                                                                                                   |
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| 40030295 | CN111801324 | C07D 403/12, C07D 405/14                                                                                                                                                                                                                                                               |
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#### 4. 按專利所有人名稱排列

##### Arranged by Name of Proprietor

1196261 - 40045509

| [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. |
| 2seventy bio, Inc.                                                              | C07K 16/28, C07K<br>14/005, C07K 14/725,<br>A61K 48/00, C12N<br>15/62, A61K 39/00,<br>A61P 1/02, A61P 7/04,<br>A61P 7/06, A61P 9/00,<br>A61P 13/12, A61P<br>17/02, A61P 19/02,<br>A61P 21/04, A61P<br>25/00, A61P 27/02,<br>A61P 29/00, A61P<br>35/02, A61P 37/02,<br>A61P 37/06, A61P 43/00 | 40024953           | EP3628687                                            |
| 3-D Matrix Ltd.                                                                 | A61K 38/00, A61K 9/12,<br>A61L 26/00, A61P 7/04,<br>A61P 17/02, A61P<br>43/00, C07K 7/00, A61K<br>9/70, A61K 38/08, A61K<br>38/10                                                                                                                                                            | 1258371            | EP3391897                                            |
| 7TUNNELS, INC.                                                                  | H04L 29/06                                                                                                                                                                                                                                                                                   | 1263099            | CN109565510                                          |
| ALCATEL LUCENT                                                                  | H04W 12/08, H04W<br>36/00, H04L 29/06,<br>H04W 4/90, H04W<br>12/041, H04W 12/06                                                                                                                                                                                                              | 1260371            | CN108464027                                          |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 9/54, G06F 21/62                                                                                                                                                                                                                                                                        | 40044755           | CN112231124                                          |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 8/30, G06F 16/22,<br>G06F 16/245                                                                                                                                                                                                                                                        | 40045453           | CN112306478                                          |



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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 | G06Q 30/06, G06Q<br>40/04, G06F 21/64                                                                                                                                                                                                          | 40045459 | CN112308689 |
| ALIPAY (HANGZHOU)<br>INFORMATION<br>TECHNOLOGY CO.,<br>LTD. 支付宝(杭州)信<br>息技术有限公司 | G06F 16/27, G06F<br>16/28, G06F 16/23                                                                                                                                                                                                          | 40045509 | CN112380294 |
| ALLERGAN, INC.                                                                  | A61K 31/4168, A61P<br>27/02, A61P 25/28,<br>A61P 37/06, A61K<br>31/421, A61K 31/4439,<br>A61K 31/17, A61K<br>31/4164, A61K 31/4178,<br>A61P 25/00, A61P<br>19/02, A61P 3/10, A61P<br>29/00, A61P 17/00,<br>A61P 1/00, A61P 11/06,<br>A61P 7/06 | 1258043  | CN108272797 |
| AMGEN INC.                                                                      | C12N 15/85                                                                                                                                                                                                                                     | 1231928  | CN106170554 |
| APPLE INC. 苹果公司                                                                 | H04L 1/00, H04L 1/16,<br>H04L 1/18, H04L 5/00                                                                                                                                                                                                  | 1262372  | CN108702238 |
| ARROWHEAD<br>PHARMACEUTICALS,<br>INC.                                           | C12N 15/113                                                                                                                                                                                                                                    | 1259063  | EP3356529   |
| Acerus Biopharma<br>Inc.                                                        | A61K 9/00, A61K 9/06,<br>A61K 31/568, A61K<br>47/34, A61K 47/44,<br>A61P 5/26                                                                                                                                                                  | 1196261  | EP2709588   |
| Adpuerivitam                                                                    | C07D 401/14, C07D<br>405/14, C07D 403/06,<br>A61P 25/00, A61K<br>31/404                                                                                                                                                                        | 40028248 | EP3634957   |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06Q 30/02, G06Q 50/26                                                                                                                                                                                                                         | 1259033  | CN108520434 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06F 9/451, G06F<br>16/957                                                                                                                                                                                                                     | 1259094  | CN108446152 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | H04L 12/58, H04L<br>29/06, H04L 29/08                                                                                                                                                                                                          | 1261859  | CN108650165 |
| Advanced New<br>Technologies Co.,<br>Ltd. 创新先进技术有<br>限公司                        | G06F 8/38                                                                                                                                                                                                                                      | 40001437 | CN108984170 |

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| Advanced New Technologies Co., Ltd. 创新先进技术有限公司     | G06F 21/32                                                                                                                                                                                        | 40002571 | CN109165488 |
| Advanced New Technologies Co., Ltd. 创新先进技术有限公司     | G06Q 20/32, G06Q 20/40                                                                                                                                                                            | 40002455 | CN109191112 |
| Alibaba Group Holding Limited 阿里巴巴集团控股有限公司         | H04L 29/06, H04L 29/12                                                                                                                                                                            | 1239974  | CN106921628 |
| Alibaba Group Holding Limited 阿里巴巴集团控股有限公司         | H04L 29/06, H04L 29/08                                                                                                                                                                            | 1260881  | CN108574657 |
| Alnylam Pharmaceuticals, Inc. Kumamoto University  | A61K 31/7088, C07H 21/02, A61K 48/00, A61K 31/7115, A61K 31/713, C12N 15/113, A61P 27/02                                                                                                          | 1256460  | EP3329924   |
| Apple Inc.                                         | G06F 1/16, B21D 31/04, B29C 53/00                                                                                                                                                                 | 1254662  | EP3324265   |
| BIOATLA, LLC 生物蛋白有限公司                              | G01N 33/543, G01N 33/573, G01N 33/68                                                                                                                                                              | 1227996  | CN105849564 |
| BRIST AXLE SYSTEMS S.R.L. 布里斯特轴系统有限责任公司            | B62D 7/18, B60G 3/20, B60G 11/27                                                                                                                                                                  | 1263211  | CN109153411 |
| BUILDING SYSTEM DESIGN CO., LTD 构法开发株式会社           | E04B 1/58, E04B 1/24                                                                                                                                                                              | 40029093 | CN111433416 |
| Baxalta GmbH Baxalta Incorporated                  | C07K 14/755, C07K 1/14                                                                                                                                                                            | 1225036  | CN105524162 |
| BeyondSpring, Inc.                                 | A61K 31/496, A61K 31/337, A61P 35/00                                                                                                                                                              | 1229712  | EP3076972   |
| BioMarin Pharmaceutical Inc. 生物馬林藥物股份有限公司          | C07D 405/14, C07D 319/18, C07D 405/12, C07D 407/12, C07D 417/12, C07D 307/79, C07D 409/12, C07D 213/64, C07D 295/12, C07D 309/10, C07D 311/12, C07D 413/12, C07D 265/30, C07D 205/04, C07D 333/16 | 1226393  | EP3046920   |
| BioNTech SE TRON - Translationale Onkologie an der | A61K 39/00, C12Q 1/68, A61P 35/00, G01N 33/50                                                                                                                                                     | 40000563 | EP3473267   |

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gemeinnützige GmbH

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| Bulgari Horlogerie<br>S.A. 宝格丽钟表股份<br>有限公司                                    | A44C 5/24                                                                                                               | 40016397 | EP3599930   |
| CALITHERA<br>BIOSCIENCES, INC.                                                | A61K 31/501, C07D<br>417/06, A61P 35/00,<br>A61K 31/4184, C07D<br>235/06                                                | 1254349  | CN107949387 |
| CARDIOTHRIVE, Inc.                                                            | A61N 1/39, A61N 1/04                                                                                                    | 1223875  | EP3007767   |
| CELLTRION INC. 赛<br>特瑞恩股份有限公司                                                 | C07K 16/10, A61K<br>39/42, A61P 31/14                                                                                   | 1244018  | CN107709360 |
| CHIA TAI TIANQING<br>PHARMACEUTICAL<br>GROUP CO., LTD. 正<br>大天晴藥業集團股份有<br>限公司 | C07D 275/02, A61K<br>31/425, A61K 31/433,<br>A61P 35/00                                                                 | 1261174  | CN109071471 |
| LIANYUNGANG<br>RUNZHONG<br>PHARMACEUTICAL<br>CO., LTD. 連雲港潤<br>聚製藥有限公司        | SHOUYAO<br>HOLDINGS (BEIJING)<br>CO., LTD. 首藥控股<br>(北京)股份有限公司                                                           |          |             |
| CJ CHEILJEDANG<br>CORPORATION CJ 第<br>一製糖株式會社                                 | A23L 33/125, A23L<br>33/105                                                                                             | 1236340  | CN107006861 |
| CONAGEN INC.                                                                  | A61K 31/215, A01N<br>37/12, C12N 9/20                                                                                   | 1232126  | CN106456588 |
| CORNELL UNIVERSITY<br>康奈爾大學                                                   | H01M 4/38, H01M<br>10/052, H01M 10/054,<br>H01M 10/0567, H01M<br>10/0568, H01M 10/0569,<br>H01M 50/457, H01M<br>50/491  | 1234531  | CN106463711 |
| Celularity, Inc.                                                              | C12N 5/095, A61K<br>35/50, A61P 37/06                                                                                   | 1225753  | EP3031909   |
| Civitas<br>Therapeutics, Inc.                                                 | A61K 9/12, A61K 9/14,<br>A61P 25/00, A61K<br>31/198, A61K 45/06                                                         | 1212258  | EP2908805   |
| CuraSolutions GmbH                                                            | A01N 59/00, A01N<br>37/36, A01N 25/30,<br>A01N 65/36, A01N<br>65/42, C02F 1/72, C02F<br>1/76, C02F 103/02,<br>A01P 1/00 | 40017309 | EP3576530   |

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| D. SWAROVSKI KG<br>D·施華洛世奇兩合公司                                                   | A44C 17/00, A44C<br>17/02, A44C 17/04,<br>A44C 27/00                                                                                                            | 1241668  | CN107125861 |
| DOLBY<br>INTERNATIONAL AB                                                        | H04N 19/597, H04N<br>19/70, H04N 19/46,<br>H04N 19/61, H04N 13/00                                                                                               | 40044425 | EP3836550   |
| DOLBY LABORATORIES<br>LICENSING<br>CORPORATION 杜比实<br>验室特许公司                     | H04N 9/31, G03B 21/14                                                                                                                                           | 1226226  | CN105684437 |
| Dolby Laboratories<br>Licensing<br>Corporation                                   | G10L 19/008, G10L<br>19/02                                                                                                                                      | 1245492  | EP3279893   |
| EDWARDS<br>LIFESCIENCES<br>CORPORATION 爱德华<br>兹生命科学公司                            | A61F 2/24                                                                                                                                                       | 40012323 | CN110072492 |
| EUROIMMUN<br>MEDIZINISCHE<br>LABORDIAGNOSTIKA<br>AG 欧蒙医学实验诊断股<br>份公司             | G01N 33/68, C07K<br>14/415, C07K 16/16                                                                                                                          | 1263291  | CN108427001 |
| Endorecherche,<br>Inc. 恩多研究公司                                                    | C07D 401/12, A61K<br>31/4439, A61K 31/444,<br>A61K 31/4709, A61K<br>31/4725, A61K 31/517,<br>A61P 35/00, A61P 5/26,<br>C07D 233/74, C07D<br>401/14, C07D 403/12 | 1223609  | CN105873917 |
| F.Hoffmann-La<br>Roche AG 豪夫邁·羅<br>氏有限公司<br>INSERM 法國國家健康<br>醫學研究院               | G01N 33/68                                                                                                                                                      | 1236242  | CN107003320 |
| FUNDACIÓN TECNALIA<br>RESEARCH &<br>INNOVATION 泰克納利<br>爾研究與創新基金會                 | A61H 1/02                                                                                                                                                       | 1257255  | CN108778221 |
| Fraunhofer<br>Gesellschaft zur<br>Förderung der<br>angewandten<br>Forschung e.V. | G10L 19/032, G10L<br>19/02                                                                                                                                      | 1213688  | EP2907132   |
| GIVI S.P.A.                                                                      | B62J 9/00                                                                                                                                                       | 40025352 | EP3668781   |
| GUANGDONG OPPO<br>MOBILE<br>TELECOMMUNICATIONS<br>CORP., LTD. OPPO<br>廣東移動通信有限公司 | H04L 27/26                                                                                                                                                      | 1258339  | CN109076043 |
| GUANGDONG OPPO<br>MOBILE                                                         | H04L 1/00                                                                                                                                                       | 1262804  | CN109478946 |

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CORP., LTD. OPPO  
廣東移動通信有限公司

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| Gelmetix Limited                                                                       | C08L 23/02, A61L<br>27/00, C08L 33/00                                                                                                                                                                                                                                                                                                                                                                                                             | 1230638  | EP3095817   |
| Genentech, Inc. 基<br>因泰克公司<br>Constellation<br>Pharmaceuticals,<br>Inc. 星座製藥股份有<br>限公司 | C07D 403/12, C07D<br>401/04, C07D 401/12,<br>C07D 403/04, C07D<br>253/07, A61K 31/53,<br>A61K 45/06, A61P<br>35/00, A61P 29/00,<br>A61P 35/02, A61P<br>37/06, A61P 19/06,<br>A61P 25/28, A61P<br>19/04, A61P 11/06,<br>A61P 9/10, A61P 17/00,<br>A61P 11/00, A61P<br>13/12, A61P 1/16, A61P<br>1/00, A61P 17/06, A61P<br>19/02, A61P 9/00, A61P<br>9/14, A61P 1/18, A61P<br>27/02, A61P 3/10, A61P<br>3/04, A61P 19/10, A61P<br>31/18, A61P 33/00 | 1242696  | CN107074823 |
| Genentech, Inc. 基<br>因泰克公司<br>Constellation<br>Pharmaceuticals,<br>Inc. 星座製藥股份有<br>限公司 | C07D 223/16, C07D<br>243/12, C07D 267/14,<br>C07D 281/10, A61K<br>31/551, A61K 31/553,<br>A61K 31/554, A61P<br>29/00, A61P 37/00,<br>A61P 35/00                                                                                                                                                                                                                                                                                                   | 1243073  | CN107108512 |
| Gilead Sciences,<br>Inc.                                                               | C07D 493/04, A61K<br>31/34, A61P 31/18                                                                                                                                                                                                                                                                                                                                                                                                            | 40012541 | EP3532478   |
| Goldfields<br>Collections Pty<br>Ltd                                                   | A01G 9/029, A01G 9/02,<br>B65D 85/52, G06Q<br>50/02, G06Q 30/06,<br>A01G 22/00                                                                                                                                                                                                                                                                                                                                                                    | 1215353  | EP2966977   |
| H. LUNDBECK A/S H.<br>隆德貝克有限公司                                                         | G01N 33/542, G01N<br>33/58, G01N 33/68                                                                                                                                                                                                                                                                                                                                                                                                            | 40030288 | EP3729088   |
| HEXIMA LIMITED                                                                         | A61K 38/16, A61K<br>38/56, A61K 9/06, A61K<br>9/08, A61P 17/08, A61P<br>17/12, A61P 43/00                                                                                                                                                                                                                                                                                                                                                         | 1238575  | EP3209319   |
| HILTI<br>AKTIENGESELLSCHAFT                                                            | F16B 13/06                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40029781 | EP3728871   |
| HUDDLY INC. 哈德利<br>公司                                                                  | H04N 5/225                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1237168  | CN107211081 |
| HaskoningDHV<br>Nederland B.V.                                                         | C02F 11/06, C08B 37/00                                                                                                                                                                                                                                                                                                                                                                                                                            | 1236186  | EP3154912   |
| Heriot-Watt<br>University                                                              | E03C 1/122, F16L<br>55/054                                                                                                                                                                                                                                                                                                                                                                                                                        | 1258019  | EP3346060   |

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| Hewlett-Packard Development Company, L.P.<br>Purdue Research Foundation | H04N 1/60, H04N 1/00                                                                                                                                                                                                                                                               | 1262063  | EP3459237   |
| Humacyte, Inc.                                                          | A61F 2/06, A61L 27/02, A61L 27/58                                                                                                                                                                                                                                                  | 1241256  | EP3193781   |
| ICOM INCORPORATED<br>艾可慕株式會社                                            | H04W 88/16, H04L 12/66, H04L 12/749, H04M 3/00                                                                                                                                                                                                                                     | 1245564  | CN107736077 |
| INBIOMOTION S.L.                                                        | C12Q 1/6886                                                                                                                                                                                                                                                                        | 1263074  | EP3458610   |
| IO Therapeutics, Inc.<br>The Johns Hopkins University                   | A61K 31/196, A61K 31/69, A61P 35/00, A61K 9/48, A61K 31/195, A61K 45/06, A61K 31/192, A61K 31/277, A61K 31/4166, A61K 31/4196, A61K 31/454, A61K 31/4545, A61K 31/5685, A61K 31/58, A61K 31/138                                                                                    | 1261967  | EP3380086   |
| IVENIX, INC. 艾韦尼克斯股份有限公司                                                | G16H 40/63, G06F 21/44                                                                                                                                                                                                                                                             | 1241072  | CN107077527 |
| JAPAN CASH MACHINE CO., LTD. 日本金銭機械株式會社                                 | G07D 7/00, G07D 7/12                                                                                                                                                                                                                                                               | 40015977 | CN110506300 |
| JINGDONG DIGITS TECHNOLOGY HOLDING CO., LTD. 京东数字科技控股有限公司               | G06Q 30/02, G06K 17/00                                                                                                                                                                                                                                                             | 1256192  | CN108154404 |
| Janssen Biotech, Inc.                                                   | C07K 16/24                                                                                                                                                                                                                                                                         | 1227716  | EP3065774   |
| Johnson & Johnson Consumer Inc.                                         | A61Q 7/00, A61K 8/14, A61K 8/49, A61K 8/37, A61K 8/34, A61K 47/14, A61K 31/506, A61P 17/14, A61K 9/00, A61K 8/73, A61P 8/365, A61K 47/38, A61P 17/00                                                                                                                               | 1262272  | EP3397348   |
| KATHOLIEKE UNIVERSITEIT LEUVEN 鲁汶天主教大學                                  | C07D 209/14, C07D 413/12, C07D 405/12, C07D 409/12, C07D 401/12, C07D 403/06, C07D 471/04, C07D 403/10, C07D 209/08, C07D 401/06, C07D 417/14, C07D 401/14, C07D 498/04, C07D 417/12, C07D 413/06, C07D 403/12, C07D 231/56, C07D 495/04, A61K 31/4045, A61K 31/437, A61K 31/4375, | 1260073  | CN108440370 |

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|                                                                            | A61K 31/497, A61K<br>31/4365, A61K 31/5355,<br>A61K 31/496, A61K<br>31/4439, A61K 31/416,<br>A61P 31/14                                                                                                                                                |          |             |
| KIND CONSUMER<br>LIMITED                                                   | A24F 40/00, A24B<br>15/167                                                                                                                                                                                                                             | 1211188  | EP2890256   |
| Keygene N.V.                                                               | C12Q 1/68, C12Q 1/6867                                                                                                                                                                                                                                 | 1263018  | EP3404114   |
| LUKAS-ERZETT GmbH<br>& Co. KG 德國<br>LUKAS-ERZETT 磨料磨<br>具有限公司              | A45D 29/05, A45D<br>29/14, B24D 7/00                                                                                                                                                                                                                   | 40027603 | EP3657976   |
| Labrador<br>Diagnostics LLC                                                | B01L 3/02, B01J 19/00,<br>B01L 3/00, G01N 33/48,<br>G01N 33/53, G01N<br>35/00, G01N 35/02                                                                                                                                                              | 1247886  | EP3181228   |
| Les Laboratoires<br>Servier                                                | A61K 31/444, A61K<br>9/16, A61K 9/20, A61K<br>9/14, A61P 35/00, C07D<br>251/18                                                                                                                                                                         | 1233185  | EP3116491   |
| Luxembourg<br>Institute of<br>Science and<br>Technology (LIST)             | C12N 5/071, C12N<br>5/0784, G01N 33/50                                                                                                                                                                                                                 | 40012478 | EP3562935   |
| MEDIPOST CO., LTD.<br>米迪波斯特股份有限公<br>司                                      | C12N 5/0775                                                                                                                                                                                                                                            | 1232470  | CN106456676 |
| MERZ PHARMA GMBH &<br>CO. KGAA.                                            | A61M 5/31, A61M 5/315,<br>A61K 38/48, A61K<br>47/26, A61P 17/00                                                                                                                                                                                        | 1240152  | CN107206175 |
| MICRO MOTION, INC.                                                         | G01F 25/00, G01F 1/84                                                                                                                                                                                                                                  | 40021313 | CN110709678 |
| MTU<br>FRIEDRICHSHAFEN<br>GMBH                                             | F02D 41/38, F02D<br>41/40, F02D 41/22                                                                                                                                                                                                                  | 1225089  | CN105612334 |
| Massachusetts<br>Institute of<br>Technology<br>The Broad<br>Institute Inc. | C12N 15/11, C12N 9/22                                                                                                                                                                                                                                  | 1228925  | EP3129393   |
| Mayo Foundation<br>for Medical<br>Education and<br>Research                | A61K 41/00, A61K<br>47/68, A61K 39/395,<br>A61K 45/06, A61K<br>31/337, A61K 31/555,<br>A61KK 33/24, B82Y<br>5/00, C07K 16/22, C07K<br>16/28, C07K 16/32,<br>A61K 39/00, A61K 9/00,<br>A61K 9/51, A61K<br>31/282, A61K 47/64,<br>A61K 47/69, A61P 35/00 | 1213444  | EP2903610   |
| ModernaTX, Inc.                                                            | C12N 9/22, C12N 15/85,<br>C12N 15/63, C12N                                                                                                                                                                                                             | 1224700  | EP3019619   |

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|                                                              | 15/11, A61K 48/00,<br>C12N 15/90                                                |          |             |
| NIKE Innovate C.V.<br>耐克创新有限合伙公司                             | A43B 1/04, A43B 3/00,<br>A43B 23/04, A43B 23/26                                 | 1255601  | CN108433234 |
| NISSHIN FOODS INC.<br>日清食品株式会社                               | A23L 7/157, A23L 29/30                                                          | 1233134  | CN106659210 |
| New York<br>University                                       | A61K 39/00, A61K<br>39/12, G01N 33/574                                          | 1226666  | EP3041500   |
| Novartis AG                                                  | C07D 401/12, A61K<br>31/506, A61P 35/00                                         | 40003121 | EP3453708   |
| ORIGIN COMPANY,<br>LIMITED 株式會社歐利<br>生                       | F16D 7/00                                                                       | 1226795  | CN106015375 |
| OTIS ELEVATOR<br>COMPANY                                     | B66B 5/00                                                                       | 40000539 | CN108861925 |
| OcuTerra<br>Therapeutics, Inc.                               | C07D 471/04, A61K<br>31/4375, A61P 1/00,<br>A61P 27/00                          | 1241361  | EP3259271   |
| Optis Cellular<br>Technology, LLC                            | H04L 27/26, H04J<br>13/00, H04L 5/00                                            | 40024957 | EP3621262   |
| PFIZER INC.                                                  | C07D 498/04, C07D<br>519/00, A61K 31/5365,<br>A61P 25/00                        | 1262295  | CN108699080 |
| QUALCOMM<br>INCORPORATED 高通股<br>份有限公司                        | H04L 5/00, H04W 28/26                                                           | 40017781 | CN110663213 |
| REBOUND<br>TECHNOLOGIES, INC.<br>再合科技有限公司                    | C09K 5/20, B01F 15/00,<br>F25B 17/10                                            | 40042182 | CN112055738 |
| ROCHAL<br>TECHNOLOGIES LLC.                                  | A61K 9/14, A61K 35/12,<br>A61K 47/42, A61P 9/00                                 | 1245663  | EP3283057   |
| Rinnai Corporation                                           | F24H 1/08, F24H 9/06                                                            | 1262219  | CN109210770 |
| SASOL GERMANY GMBH                                           | C07B 41/87                                                                      | 1236188  | CN107108380 |
| SCICLONE<br>PHARMACEUTICALS<br>INTERNATIONAL LTD.            | A61K 38/22, A61K<br>38/00, A61K 38/10,<br>A61K 45/06, A61P<br>35/00, A61P 35/04 | 1236437  | EP3209321   |
| SEED CO., LTD. 株<br>式会社实瞳                                    | G02C 7/04, B29C 39/12,<br>B29C 39/24, B29C 39/26                                | 40023326 | CN111328381 |
| SENNICS CO., LTD.<br>聖奧化學科技有限公司                              | C07D 277/72                                                                     | 1258438  | EP3360867   |
| SETHI, Chandni 钱<br>德妮·塞西                                    | A43B 3/24, A43B 13/36                                                           | 1235637  | CN106572719 |
| SHANGHAI ALEBUND<br>PHARMACEUTICALS<br>LTD. 上海禮邦醫藥科<br>技有限公司 | A23L 33/21, A23L<br>33/16, A61K 33/24,<br>A61K 33/26, A61P 3/02                 | 1262654  | CN109497565 |



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|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| SICHUAN HAISCO<br>PHARMACEUTICAL<br>CO., LTD. 四川海思<br>科制药有限公司        | C07D 403/12, C07D<br>405/14                                                                                                                                                                                                                                        | 40030295 | CN111801324 |
| SMOKEWATCHERS SAS                                                    | A24F 40/50, A24F<br>40/65, G16H 21/10                                                                                                                                                                                                                              | 1228684  | EP3062643   |
| SUNTORY HOLDINGS<br>LIMITED 三得利控股株<br>式會社                            | A23L 2/38, A23L 2/00,<br>A23L 2/66, A23L 2/68                                                                                                                                                                                                                      | 1244406  | CN107427036 |
| Sami Labs Limited<br>薩米萊布斯有限公司                                       | A61K 39/02                                                                                                                                                                                                                                                         | 1240122  | CN107206033 |
| Sanofi<br>Biotechnology                                              | C07K 16/40, A61K<br>39/395, A61K 45/06,<br>A61J 1/05, A61K<br>31/215, A61K 31/366,<br>A61K 31/404, A61K<br>31/435, A61K 31/47,<br>A61K 31/505, C07K<br>14/47, A61K 39/00,<br>A61P 3/00, A61P 3/06,<br>A61P 5/00, A61P 7/00,<br>A61P 9/00, A61P 9/10,<br>A61P 43/00 | 1263065  | EP3395836   |
| Seagen Inc.                                                          | A61K 47/68, A61P 35/00                                                                                                                                                                                                                                             | 1232123  | EP3107557   |
| SentreHEART, Inc.                                                    | A61B 17/12, A61B 17/04                                                                                                                                                                                                                                             | 1240806  | CN106974692 |
| Si-Ga Data<br>Security (2014)<br>Ltd.                                | H04L 29/06, G05B<br>19/05, G06F 21/55,<br>G06F 21/56, H04L 29/08                                                                                                                                                                                                   | 40029112 | EP3646561   |
| Solasia Pharma<br>K.K.                                               | A61P 35/00, A61K<br>31/455, A61K 38/06,<br>A61K 31/285, A61K<br>31/60                                                                                                                                                                                              | 1254607  | EP3388111   |
| Stealth<br>Biotherapeutics<br>Corp                                   | C07K 5/11, C07K 1/02,<br>C07K 14/605, A61K<br>45/06, A61K 38/26                                                                                                                                                                                                    | 1230631  | EP3087093   |
| TENCENT TECHNOLOGY<br>(SHENZHEN) COMPANY<br>LIMITED 腾讯科技(深<br>圳)有限公司 | G06Q 30/00, G06Q<br>30/04, G06Q 40/00                                                                                                                                                                                                                              | 40024824 | CN111311277 |
| TENCENT TECHNOLOGY<br>(SHENZHEN) COMPANY<br>LIMITED 腾讯科技(深<br>圳)有限公司 | G06F 16/28, G06F 16/22                                                                                                                                                                                                                                             | 40025273 | CN111324674 |
| TENCENT TECHNOLOGY<br>(SHENZHEN) COMPANY<br>LIMITED 腾讯科技(深<br>圳)有限公司 | G06F 21/62, G06Q 10/06                                                                                                                                                                                                                                             | 40025826 | CN111460504 |
| THE PROCTER &<br>GAMBLE COMPANY 寶<br>潔公司                             | A61K 31/74, A61M<br>37/00, A61Q 19/00,<br>A61Q 19/08, H01F 7/00                                                                                                                                                                                                    | 1234313  | CN106714813 |

|                                                     |                                                                                                                                                                                                                                                            |         |             |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|
| TROVAGENE, INC.                                     | C12Q 1/6869                                                                                                                                                                                                                                                | 1218767 | CN105400868 |
| Takeda<br>Pharmaceutical<br>Company Limited         | A61K 38/47, G01N<br>33/68, A61K 47/00,<br>A61P 3/00                                                                                                                                                                                                        | 1258919 | EP3354277   |
| Telefonaktiebolaget LM Ericsson<br>(publ) 瑞典愛立信有限公司 | H04L 1/16, H04L 1/00,<br>H04B 7/024, H04B<br>7/0456, H04B 7/06                                                                                                                                                                                             | 1246021 | CN107276642 |
| Thales DIS France<br>SA                             | H04L 9/32                                                                                                                                                                                                                                                  | 1255142 | EP3395006   |
| The General<br>Hospital<br>Corporation              | A61K 33/00, A61K 9/00,<br>A61K 47/02, A61K<br>47/10, A61K 47/26,<br>A61K 45/06, A61K<br>31/7004, A61K 31/765,<br>A61K 31/047, A61K<br>31/045                                                                                                               | 1234999 | EP3185854   |
| UCB Biopharma SRL<br>SANOFI                         | C07D 491/08, C07D<br>487/08, C07D 491/18,<br>C07D 495/08, C07D<br>495/18, C07D 471/18,<br>C07D 493/18, A61K<br>31/55, C07D 513/18,<br>C07D 519/00, C07F<br>7/18, A61P 3/00, A61P<br>9/00, A61P 25/00, A61P<br>27/00, A61P 35/00,<br>A61P 37/00, A61P 43/00 | 1240916 | EP3201196   |
| UNIVERSITY OF<br>TSUKUBA 國立大學法人<br>筑波大學             | C12N 15/09, A61K<br>39/395, A61P 37/06,<br>C07K 16/28, C12N 1/15,<br>C12N 1/19, C12N 1/21,<br>C12N 5/10                                                                                                                                                    | 1262753 | CN109072226 |
| VELOS MEDIA<br>INTERNATIONAL<br>LIMITED             | H04N 19/70, H04N<br>19/46, H04N 19/573,<br>H04N 19/68, H04N<br>19/159, H04N 19/51,<br>H04N 19/593, H04N<br>19/124, H04N 19/91,<br>H04N 19/174                                                                                                              | 1261398 | CN108965890 |
| VELOS MEDIA<br>INTERNATIONAL<br>LIMITED             | H04N 19/46, H04N<br>19/573, H04N 19/68,<br>H04N 19/70                                                                                                                                                                                                      | 1261067 | CN108965886 |
| VM Oncology LLC                                     | C07C 15/28, C07D<br>241/04, C07D 407/12,<br>C07D 403/12, A61K<br>31/496, A61K 31/4545,<br>A61P 25/00, A61P 35/00                                                                                                                                           | 1231846 | EP3102555   |
| Vertex<br>Pharmaceuticals<br>Inc.                   | G01N 30/88, G01N<br>30/06, G01N 1/40, A61P<br>11/00                                                                                                                                                                                                        | 1242777 | EP3221692   |

|                                                          |                                                                                                                             |          |             |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| Vertex Pharmaceuticals Incorporated                      | A61K 45/06, A61K 31/404, A61K 31/47, C07D 215/00, C07D 209/04, A61K 9/14, A61K 9/16, A61K 9/20                              | 40001890 | EP3424534   |
| Vishay Sprague, Inc. 维莎斯普拉格公司                            | H01G 9/08, H01G 2/02, H01G 4/30, H01G 9/00, H01G 9/004, H01G 9/02, H01G 9/022                                               | 1262040  | CN108701549 |
| WAKO SEIKI CO., LTD. 株式会社和光精机<br>ITO, KUNIO 伊藤国男         | B23P 19/00, B23P 19/02                                                                                                      | 40000564 | CN108788665 |
| WISEKEY SEMICONDUCTORS                                   | H04B 5/00, B65D 55/06, G06K 19/077                                                                                          | 1237135  | CN106797235 |
| Wave Optics Ltd                                          | F21V 8/00                                                                                                                   | 40026595 | EP3679296   |
| Wyeth LLC 惠氏有限責任公司                                       | C12N 9/10, C12N 9/99                                                                                                        | 1242375  | CN107022532 |
| YANGSHENG TANG (ANJI) COSMETICS CO., LTD. 养生堂(安吉)化妆品有限公司 | A61K 8/42, A61K 8/49, A61K 8/9794, A61Q 19/00, A61P 37/08                                                                   | 1261649  | CN108670878 |
| Yeda Research and Development Co., Ltd.                  | A61K 9/00, A61K 9/08, A61K 9/127, A61K 47/10, A61K 47/32, A61K 47/36, A61K 31/715, A61P 19/02                               | 1233882  | EP3154413   |
| ZMK Medical Technologies Inc. ZMK 醫療技術股份有限公司             | A61B 8/08, A61B 8/12, A61B 10/02                                                                                            | 1255363  | CN108135572 |
| 上海智臻智能網絡科技股份有限公司                                         | G10L 15/02, G10L 25/63, G10L 15/04, G10L 15/06, G10L 15/08, G10L 25/15, G10L 25/24                                          | 1256390  | CN108122552 |
| 傅遠橋                                                      | A61K 47/22, A61K 47/20, A61K 47/10, A61K 36/71, A61K 36/65, A61K 36/756, A61K 36/898, A61P 17/02, A61K 31/7036, A61K 31/165 | 1224939  | CN105833279 |
| 株式會社愛茉莉太平洋                                               | A61K 8/29, A61K 8/27, A61K 8/02, A61K 8/04, A61Q 17/04, A61Q 19/00                                                          | 1245076  | CN107708656 |
| 比亞迪股份有限公司                                                | H01M 10/613, H01N 10/615, H01M 10/617, H01M 10/625, H01M                                                                    | 40000992 | CN109599620 |

|                   |                                                      |          |             |
|-------------------|------------------------------------------------------|----------|-------------|
|                   | 10/637, H01M 10/6556,<br>H01M 10/663, B60H 1/00      |          |             |
| 浙江本德新能源科技有<br>限公司 | C01B 3/50, C01B 3/56                                 | 1243695  | CN107697885 |
| 華為終端有限公司          | G06Q 20/32, G06Q<br>20/40, G06Q 20/38,<br>G06Q 20/20 | 40044764 | CN112232801 |
| 赛生药品股份国际有限<br>公司  | A61K 38/22, A61K<br>38/00, A61K 38/10                | 1236385  | CN107148279 |



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

###### 30053898 - 30053906

- |      |                                                        |      |            |
|------|--------------------------------------------------------|------|------------|
| [51] | A44C 11/02                                             | [11] | 30053903   |
|      |                                                        | [13] | A          |
| [25] | ZH                                                     |      |            |
| [21] | 32021039246.2                                          | [22] | 23.09.2021 |
| [30] | 25.08.2021 SG,10202109315R                             |      |            |
| [54] | CLASP AND PIECE OF JEWELRY WITH THE CLASP<br>鎖扣及帶鎖扣的首飾 |      |            |
| [73] | Koh Thong Hee<br>許統稀<br>新加坡<br>105 沈氏道<br>增順大廈 #05-12  |      |            |
| [72] | Koh Thong Hee 許統稀                                      |      |            |
| [74] | 衛好知識產權有限公司<br>香港<br>木星街 9 號<br>永昇中心 2002               |      |            |
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- |      |                                                                       |      |            |
|------|-----------------------------------------------------------------------|------|------------|
| [51] | A45C 11/20<br>A45C 13/00                                              | [11] | 30053904   |
|      |                                                                       | [13] | A          |
| [25] | ZH                                                                    |      |            |
| [21] | 32021042900.9                                                         | [22] | 23.11.2021 |
| [54] | A PET FRUIT SALAD BOX WITH ANTI-THEFT FUNCTION<br>一種具有防盜功能的 PET 水果沙拉盒 |      |            |
| [73] | 惠州市冠展实业有限公司<br>中國<br>广东省惠州市仲恺高新区惠环街道西坑工业区 38 号 1、2 号厂房                |      |            |
| [72] | 陈荣展                                                                   |      |            |

[74] 卓遠知識產權有限公司  
香港  
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富輝商業中心 10 樓

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[51] A45C 13/00 [11] 30053904  
A45C 11/20  
[13] A

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[51] A45D 8/00 [11] 30053905  
A45D 8/36  
[13] A

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[51] A45D 8/36 [11] 30053905  
A45D 8/00  
[13] A

[25] EN

[21] 52020017017.0 [22] 29.08.2018

[86] 29.08.2018 PCT/US2018/048493

[87] 18.04.2019 WO2019/074586

[30] 09.10.2017 US, 62/570,041

23.08.2018 US, 16/111,078

[54] HAIR TIE OR FASHION ACCESSORY

髮帶或時尚配飾

[73] WILLIS A. YEHL

221 GREEN PASTURE, HUTTO, TX 78634

UNITED STATES OF AMERICA

[72] WILLIS A. YEHL

[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] A47J 27/12 [11] 30053906  
A47J 27/122  
[13] A

[25] ZH

[21] 52021029404.4 [22] 17.07.2020

[86] 17.07.2020 PCT/US2020/042498

[87] 21.01.2021 WO2021/011859

[30] 17.07.2019 US, 16/513,966

- [54] COOKWARE ASSEMBLY  
炊具組件
- [73] Lagom Kitchen Company  
拉戈姆厨房公司  
3924 Tuller Avenue, Culver City, CA 90230  
UNITED STATES OF AMERICA  
美國  
加利福尼亚州
- [72] TEHRANI, Amir A·特赫拉尼  
ROSNER, Zachary Z·罗斯纳
- [74] CHINAHONGKONG PATENT LIMITED  
1502, 15/F, Capital Centre, 151 Gloucester Road, Wanchai  
HONG KONG
- 

- [51] A47J 27/122 [11] 30053906  
A47J 27/12
- [13] A
- 

- [51] C04B 20/06 [11] 30053900  
C04B 28/04
- [13] A
- [25] EN
- [21] 32021027160.9 [22] 10.12.2020
- [62] 10.12.2020 32020021864.4
- [54] A TYPE OF LIGHTWEIGHT CONCRETE AND A METHOD OF MAKING  
LIGHTWEIGHT CONCRETE  
一種輕質混凝土及製造輕質混凝土的方法
- [73] Genemix Construction Materials Co., Limited  
RM 268 G/F Shop 1, 172A Kat Hing Wai  
Kam Tin, Yuen Long, New Territories  
HONG KONG
- [72] Kwan Kwok Hung Albert 关国雄  
Zhang You Jie 张友杰  
Guan Xian Zhang 关宪章  
Chow Siu Lun 周绍麟  
Chow Ka Hung 周嘉鸿  
Lung Ka Kui Francois 龙家驹
- [74] LECTO IP Limited  
Unit 503, 5/F, Tower 2 Lippo Centre  
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HONG KONG
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- [51] C04B 28/04 [11] 30053900  
C04B 20/06

[13] A

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[51] C09D 5/33 [11] 30053899  
[13] A

[25] EN

[21] 32020022670.4 [22] 24.12.2020

[54] RADIATIVE COOLING PAINT AND METHOD FOR COVERING A SURFACE  
WITH THE RADIATIVE COOLING PAINT  
一種輻射散熱塗料及一種利用輻射冷卻塗料覆蓋表面的方法

[73] City University of Hong Kong  
香港城市大學  
83 Tat Chee Avenue, Kowloon  
HONG KONG

[72] Siru CHEN 陳思如  
Chi Yan TSO 曹之胤  
Kaixin LIN 林凱昕  
Shengxi BAI 白晟熙  
Luke Christopher CHAO 趙賢亮  
Hau Him LEE 李孝謙  
Tsz Chung HO 何梓聰

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

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[51] G06Q 30/00 [11] 30053898  
[13] A

[25] EN

[21] 32020013843.8 [22] 13.08.2020

[54] SYSTEM AND METHOD FOR RETAILING GARMENTS  
服裝零售系統和方法

[73] YU SZE HON  
Flat G, 6/F, Block 1, Connaught Garden  
155 Connaught Road West  
Hong Kong

LAM KA CHUN  
Flat G, 6/F, Block 1, Connaught Garden  
155 Connaught Road West  
Hong Kong

[72] YU Sze Hon  
LAM Ka Chun

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



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|      |                                                                                                              |      |            |
|------|--------------------------------------------------------------------------------------------------------------|------|------------|
| [51] | G06Q 40/06                                                                                                   | [11] | 30053901   |
|      |                                                                                                              | [13] | A          |
| [25] | EN                                                                                                           |      |            |
| [21] | 32021035125.2                                                                                                | [22] | 16.07.2021 |
| [54] | INVESTMENT PLATFORM<br>投資平台                                                                                  |      |            |
| [73] | Atphizyom Limited<br>Flat 20B, Block 1 Vantage Park<br>22 Conduit Road<br>Mid-Levels<br>Central<br>HONG KONG |      |            |
| [72] | Adam TSO                                                                                                     |      |            |
| [74] | DEACONS<br>5th Floor, Alexandra House<br>Central<br>HONG KONG                                                |      |            |

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|      |                                                                                   |      |            |
|------|-----------------------------------------------------------------------------------|------|------------|
| [51] | H04L 12/66<br>H04L 29/06                                                          | [11] | 30053902   |
|      |                                                                                   | [13] | A          |
| [25] | ZH                                                                                |      |            |
| [21] | 32021038752.0                                                                     | [22] | 13.09.2021 |
| [54] | A MULTIFUNCTIONAL INTELLIGENT GATEWAY<br>多功能智能網關                                  |      |            |
| [73] | LINCOGN TECHNOLOGY CO. LIMITED<br>嶺勤科技有限公司<br>香港<br>新界沙田科學園科技大道西 5 號企業廣場 3 樓 315A |      |            |
| [72] | Ng Kai Chau 吳啟鏊                                                                   |      |            |
| [74] | 滙誠知識產權有限公司<br>香港<br>灣仔軒尼詩道 8-12 號中港大廈 8 樓                                         |      |            |

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|      |                          |      |          |
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| [51] | H04L 29/06<br>H04L 12/66 | [11] | 30053902 |
|      |                          | [13] | A        |

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**2. 按發表編號排列****Arranged by Publication Number****30053898 - 30053906**

| [11]<br>發表編號    | [51]<br>國際專利分類                            |
|-----------------|-------------------------------------------|
| Publication No. | International<br>Patent<br>Classification |
| 30053898        | G06Q 30/00                                |
| 30053899        | C09D 5/33                                 |
| 30053900        | C04B 20/06, C04B 28/04                    |
| 30053901        | G06Q 40/06                                |
| 30053902        | H04L 12/66, H04L 29/06                    |
| 30053903        | A44C 11/02                                |
| 30053904        | A45C 11/20, A45C 13/00                    |
| 30053905        | A45D 8/36, A45D 8/00                      |
| 30053906        | A47J 27/12, A47J 27/122                   |

**3. 按申請編號排列****Arranged by Application Number****30053898 - 30053906**

| [21]<br>申請編號    | [11]<br>發表編號    |
|-----------------|-----------------|
| Application No. | Publication No. |
| 32020013843.8   | 30053898        |
| 32020022670.4   | 30053899        |
| 32021027160.9   | 30053900        |
| 32021035125.2   | 30053901        |
| 32021038752.0   | 30053902        |
| 32021039246.2   | 30053903        |
| 32021042900.9   | 30053904        |
| 52020017017.0   | 30053905        |
| 52021029404.4   | 30053906        |

#### 4. 按專利所有人名稱排列

##### Arranged by Name of Proprietor

30053898 - 30053906

| [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. |
| Atphizyom Limited                                    | G06Q 40/06                                | 30053901           |
| City University of<br>Hong Kong 香港城市<br>大學           | C09D 5/33                                 | 30053899           |
| Genemix<br>Construction<br>Materials Co.,<br>Limited | C04B 20/06, C04B 28/04                    | 30053900           |
| Koh Thong Hee 許統<br>稀                                | A44C 11/02                                | 30053903           |
| LINCOGN TECHNOLOGY<br>CO. LIMITED 嶺勤科<br>技有限公司       | H04L 12/66, H04L 29/06                    | 30053902           |
| Lagom Kitchen<br>Company 拉戈姆厨房公<br>司                 | A47J 27/12, A47J<br>27/122                | 30053906           |
| WILLIS A. YEHL                                       | A45D 8/36, A45D 8/00                      | 30053905           |
| YU SZE HON<br>LAM KA CHUN                            | G06Q 30/00                                | 30053898           |
| 惠州市冠展实业有限公<br>司                                      | A45C 11/20, A45C 13/00                    | 30053904           |



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. |
| 06103549.4      | 1085597         | EP1581001                                |
| 07113619.7      | 1108287         | CN101001873                              |
| 08105423.8      | 1111016         | EP1906583                                |
| 08108311.7      | 1115280         | EP1912525                                |
| 09109543.4      | 1130000         | EP2046108                                |
| 10105185.2      | 1138645         | EP2176636                                |
| 10109579.8      | 1143378         | EP2172482                                |
| 11113190.8      | 1158791         | EP2329428                                |
| 12100140.5      | 1205437         | CN102131415                              |
| 12107585.2      | 1166919         | EP2466929                                |
| 13106799.5      | 1179790         | CN102892008                              |
| 13110422.2      | 1183011         | EP2595952                                |
| 14102548.7      | 1189417         | CN103578779                              |
| 14104783.7      | 1191700         | CN103577367                              |
| 14105993.0      | 1192809         | EP2735156                                |
| 14106655.7      | 1193059         | CN103764193                              |
| 14107495.9      | 1194033         | EP2687340                                |
| 14109326.0      | 1195893         | CN103648945                              |
| 14110453.3      | 1197000         | GB2507210                                |
| 14111552.1      | 1197995         | EP2731620                                |
| 14111789.6      | 1200061         | EP2731456                                |
| 14111790.3      | 1200062         | EP2731455                                |
| 15100114.4      | 1199739         | CN103917636                              |
| 15100253.5      | 1199794         | CN103917096                              |

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| 15100873.5 | 1200533 | CN104089944 |
| 15100905.7 | 1200758 | CN104249302 |
| 15100908.4 | 1200590 | CN104050995 |
| 15101133.9 | 1200667 | CN104257045 |
| 15101173.0 | 1200708 | CN103974714 |
| 15101284.6 | 1200968 | CN104103214 |
| 15101481.7 | 1201943 | CN104111589 |
| 15101713.7 | 1201131 | CN104095560 |
| 15101714.6 | 1201147 | CN104095757 |
| 15102076.6 | 1201622 | CN104299156 |
| 15102386.1 | 1202005 | CN104301504 |
| 15102595.8 | 1202129 | CN104073006 |
| 15102812.5 | 1203594 | CN104214621 |
| 15103004.1 | 1202717 | EP2849349   |
| 15103048.9 | 1202561 | CN104130327 |
| 15103348.6 | 1203010 | CN104301746 |
| 15103511.7 | 1202815 | CN104095838 |
| 15103886.4 | 1203702 | CN104471850 |
| 15103946.2 | 1203468 | CN104507824 |
| 15103977.4 | 1203676 | CN104126189 |
| 15104125.3 | 1203696 | CN104167555 |
| 15104264.4 | 1203420 | GB2519479   |
| 15104444.7 | 1204157 | CN104508918 |
| 15104916.6 | 1204352 | CN104169572 |
| 15104992.3 | 1204476 | CN104163833 |
| 15105302.5 | 1204762 | EP2875802   |
| 15105394.4 | 1204885 | CN104219976 |
| 15105396.2 | 1205066 | EP2875959   |
| 15105607.7 | 1205138 | EP2877492   |
| 15105655.8 | 1204871 | CN104640459 |
| 15105870.7 | 1204983 | CN104540511 |
| 15106130.1 | 1205432 | CN104247718 |
| 15106293.4 | 1206405 | CN104343146 |
| 15106355.9 | 1205727 | EP2874884   |
| 15106586.0 | 1205893 | CN104323643 |
| 15106686.9 | 1206044 | CN104379620 |
| 15106823.3 | 1206443 | EP2827214   |
| 15106855.4 | 1206467 | CN104299130 |
| 15106864.3 | 1206406 | CN104619928 |

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| 15106876.9 | 1206257 | EP2874625   |
| 15106993.7 | 1206462 | CN104520874 |
| 15107311.0 | 1206654 | EP2874683   |
| 15107426.2 | 1206671 | CN104519986 |
| 15107461.8 | 1206572 | CN104540428 |
| 15107622.4 | 1207112 | EP2875122   |
| 15107660.7 | 1207113 | CN104471062 |
| 15107672.3 | 1206991 | EP2875830   |
| 15107778.6 | 1207095 | CN104640876 |
| 15107879.4 | 1207458 | EP2904564   |
| 15107894.5 | 1207339 | CN104540669 |
| 15107902.5 | 1207416 | EP2872882   |
| 15107904.3 | 1207471 | EP2858129   |
| 15108247.7 | 1207575 | EP2872170   |
| 15108285.0 | 1207666 | EP2873732   |
| 15108471.4 | 1207874 | CN104704035 |
| 15108535.8 | 1207905 | CN104541146 |
| 15109071.6 | 1208338 | EP2882379   |
| 15109144.9 | 1208701 | CN104531701 |
| 15109268.9 | 1208754 | EP2873061   |
| 15109307.2 | 1208756 | CN104488046 |
| 15109423.1 | 1209314 | CN104470525 |
| 15109495.4 | 1208914 | EP2875405   |
| 15109550.6 | 1208811 | EP2874654   |
| 15109606.0 | 1208785 | CN104519757 |
| 15109931.6 | 1209140 | EP2875041   |
| 15109966.4 | 1209318 | EP2872122   |
| 15109982.4 | 1209512 | CN104574250 |
| 15110272.1 | 1209281 | EP2877023   |
| 15110273.0 | 1209282 | EP2877009   |
| 15110274.9 | 1209283 | EP2877011   |
| 15110275.8 | 1209583 | EP2877015   |
| 15110280.1 | 1209584 | EP2877020   |
| 15110374.8 | 1209586 | EP2877016   |
| 15110376.6 | 1209587 | EP2877014   |
| 15110377.5 | 1209588 | EP2877007   |
| 15110389.1 | 1209625 | EP2874648   |
| 15110412.2 | 1209589 | EP2877008   |
| 15110632.6 | 1209747 | CN104640843 |

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| 15110772.6 | 1209996 | EP2874541   |
| 15110893.0 | 1210038 | EP2874663   |
| 15110920.7 | 1209969 | EP2882293   |
| 15110921.6 | 1209970 | EP2877022   |
| 15110927.0 | 1210258 | EP2875289   |
| 15110989.5 | 1210192 | EP2875051   |
| 15110994.8 | 1210061 | EP2874670   |
| 15111157.9 | 1210381 | EP2877018   |
| 15111159.7 | 1210382 | EP2877013   |
| 15111188.2 | 1210383 | EP2877006   |
| 15111192.6 | 1210384 | EP2877012   |
| 15111199.9 | 1210385 | EP2877017   |
| 15111227.5 | 1210531 | EP2877954   |
| 15111250.5 | 1210522 | CN104620109 |
| 15111349.8 | 1210593 | EP2872146   |
| 15111362.0 | 1210576 | EP2877019   |
| 15111365.7 | 1210642 | EP2875422   |
| 15111382.6 | 1210598 | EP2872143   |
| 15111403.1 | 1210770 | CN104640870 |
| 15111428.2 | 1210851 | CN104641389 |
| 15111465.6 | 1210662 | EP2877024   |
| 15111541.4 | 1210891 | EP2875640   |
| 15111586.0 | 1210762 | EP2874943   |
| 15111598.6 | 1210854 | EP2875476   |
| 15111632.4 | 1211053 | CN104937101 |
| 15111838.6 | 1211040 | CN104710518 |
| 15111852.7 | 1210985 | EP2877289   |
| 15112052.3 | 1211282 | CN104703964 |
| 15112173.7 | 1211323 | CN104736719 |
| 15112351.1 | 1211485 | CN104721823 |
| 15112607.3 | 1211895 | CN104736220 |
| 15112796.4 | 1212105 | CN104766966 |
| 16100208.0 | 1212515 | CN104769773 |
| 16100368.6 | 1212408 | CN104975759 |
| 16100378.4 | 1212409 | CN104963556 |
| 16100548.9 | 1212813 | CN104821346 |
| 16100797.7 | 1212871 | CN105105493 |
| 16100970.6 | 1213093 | CN105140708 |
| 16100971.5 | 1213094 | CN105140706 |



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| 16100972.4 | 1213095  | CN104993325 |
| 16100973.3 | 1213096  | CN104934785 |
| 16101260.3 | 1213611  | CN104963370 |
| 16101727.0 | 1213879  | CN104844578 |
| 16101831.3 | 1214030  | CN105280435 |
| 16101972.2 | 1213844  | CN104903063 |
| 19132373.2 | 40008527 | CN109843892 |



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The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

根據專利條例第 39 條，下列標準專利因未繳續期費而停止有效。各組記項按專利停止有效日期及發表編號先後次序排列。

**Standard Patents Ceased through Non-payment of Renewal Fees under section 39 of the Patents Ordinance. Entries are arranged in blocks according to the date of ceasing and in ascending publication number order within each block.**

**13.07.2021 - 21.07.2021**

|                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|
| <b>13.07.2021</b> | 1155172           | 1201373           | 1180875           |
|                   | 1166998           | 1201945           | 1183093           |
| 1098990           | 1169133           | 1204471           | 1185248           |
| 1102266           | 1171067           | 1207150           | 1194679           |
| 1106106           | 1172675           | 1210783           | 1194942           |
| 1128765           | 1174178           | 1214002           | 1198125           |
| 1135691           | 1174470           | 1214367           | 1198486           |
| 1140586           | 1176171           | 1218150           | 1201305           |
| 1141138           | 1185078           | 1220666           | 1202393           |
| 1164680           | 1186767           | 1222312           | 1209506           |
| 1195814           | 1199253           | 1223523           | 1210663           |
| 1195853           | 1202841           | 1225112           |                   |
| 1196276           | 1204236           |                   | <b>19.07.2021</b> |
| 1198285           | 1204237           | <b>17.07.2021</b> |                   |
| 1198286           | 1204238           |                   | 1110602           |
| 1198441           | 1204882           | 1064465           | 1121806           |
|                   | 1216766           | 1078996           | 1135406           |
| <b>14.07.2021</b> | 1217160           | 1126808           | 1166909           |
|                   | 1224453           | 1138871           | 1179481           |
| 1126327           |                   | 1158066           | 1192446           |
| 1153499           | <b>16.07.2021</b> | 1169691           | 1194141           |
| 1167039           |                   | 1206655           | 1202966           |
| 1173938           | 1073180           | 1206669           | 1209717           |
| 1176170           | 1098842           | 1209749           | 1212586           |
| 1216303           | 1129499           | 1218295           |                   |
| 1218236           | 1132573           | 1221186           | <b>20.07.2021</b> |
| 1222374           | 1135692           |                   |                   |
|                   | 1137591           | <b>18.07.2021</b> | 1095630           |
| <b>15.07.2021</b> | 1146878           |                   | 1102449           |
|                   | 1160195           | 1069079           | 1106299           |
| 1068292           | 1180433           | 1069170           | 1149823           |
| 1116233           | 1184081           | 1080475           | 1163828           |
| 1117651           | 1187546           | 1143344           | 1170265           |
| 1128069           | 1191057           | 1150608           | 1171731           |

1171981  
1172289  
1181122  
1183483  
1192595  
1202688

**21.07.2021**

1084357  
1087543  
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1136732  
1141004  
1144115  
1147616  
1153825  
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1180284  
1194396  
1222375



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The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

根據專利條例第 39(1) (b) 條，下列當作標準專利或標準專利 20 年期屆滿終止。各組記項按專利期滿日期及專利編號先後次序排列。

**Deemed Standard Patents or Standard Patents Expired after Termination of 20 years under section 39(1) (b) of the Patents Ordinance. Entries are arranged in blocks according to the date of expiry and in ascending patent number order within each block.**

**27.01.2022 - 03.02.2022**

**27.01.2022**

1060606

1062810

**28.01.2022**

1055654

1061805

1091403

1149567

1153967

**03.02.2022**

1050100

1056446

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1070202

1096777

1107732

1117664

**29.01.2022**

1057908

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1068952

1132329

1148318

**30.01.2022**

1047723

1051063

**31.01.2022**

1064893

1071636

1102706

1132472



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The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

## 根據專利條例第 51 條，更改註冊紀錄冊的資料

### Changes in the Register under section 51 of the Patents Ordinance

#### 增補漏記的發明人

##### Addition of Inventor

[11] 1262482

[72] 陆满晴

[11] 40030451

[72] GASPERINI, Molly M·加斯佩里尼

TOME, Jacob J·托梅

#### 刪除發明人

##### Deletion of Inventor

[11] 1262482

[72] LUK, John Moonching 约翰·穆恩钦·卢克

[11] 40032368

[72] 陳捷凱



香港特別行政區政府知識產權署專利註冊處  
The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

根據專利條例第 126 條，下列短期專利因未繳續期費而停止有效。各組記項按專利停止有效日期及發表編號先後次序排列。

**Short-term Patents Ceased through Non-payment of Renewal Fees under section 126 of the Patents Ordinance. Entries are arranged in blocks according to the date of ceasing and in ascending publication number order within each block.**

**13.07.2021 - 21.07.2021**

**13.07.2021**

1232384  
1232393

**14.07.2021**

1232386

**19.07.2021**

1232394

**21.07.2021**

1232395  
1235611  
1247038



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The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

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.**

**28.01.2022 - 29.01.2022**

**28.01.2022**

1189119  
1198271  
1198272  
1198274

**29.01.2022**

1191508  
1191509  
1194247



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The Government of the Hong Kong Special Administrative Region  
Patents Registry, Intellectual Property Department

## 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 **26.01.2022** 獲准許

Request for correction allowed on **26.01.2022**

[11] 1234319

[71] Correction of the name of the applicant:

From "The Research Institute at Nationwide Children's Hospital" to "Research Institute at Nationwide Children's Hospital".

更正申請人的姓名或名稱：

由 The Research Institute at Nationwide Children's Hospital 更正為 Research Institute at Nationwide Children's Hospital。

更正請求已在 **28.01.2022** 獲准許

Request for correction allowed on **28.01.2022**

[11] 40006981

[71] Correction of the name of the applicant:

From "ST. JUDE CHILDREN'S RESEARCH HOSPITAL 聖朱德兒童研究醫院" to "ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC. 聖朱德兒童研究醫院有限公司".

更正申請人的姓名或名稱：

由 "ST. JUDE CHILDREN'S RESEARCH HOSPITAL 聖朱德兒童研究醫院" 更正為 "ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC. 聖朱德兒童研究醫院有限公司"。

[11] 40047086

[30] Correction of Priority application no.:

From  
DE201810122210  
to  
DE102018122210.

更正優先權申請編號：

由  
DE201810122210  
更正為  
DE102018122210。