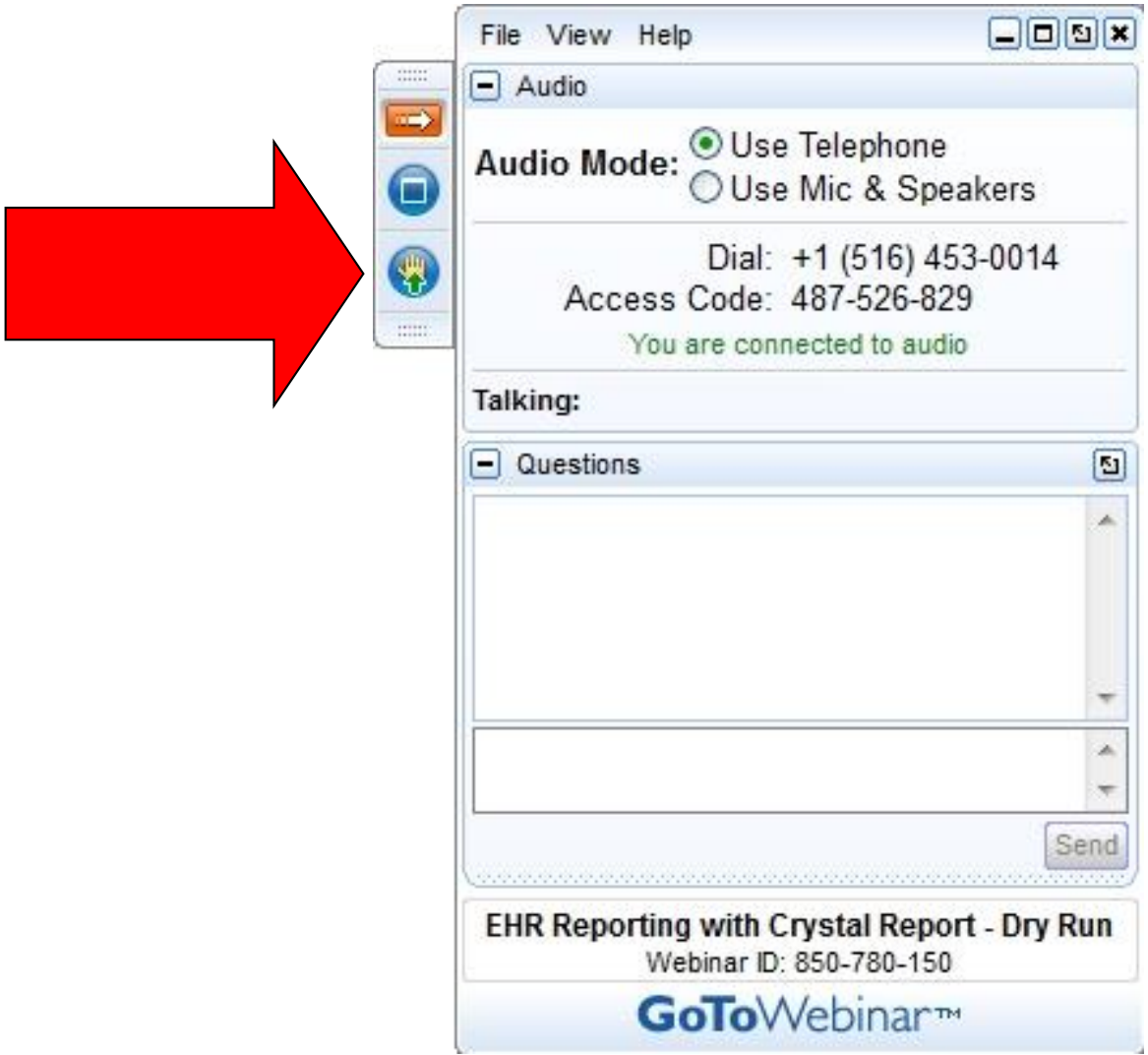
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Overview of PATENTSCOPE

Online
January
2021

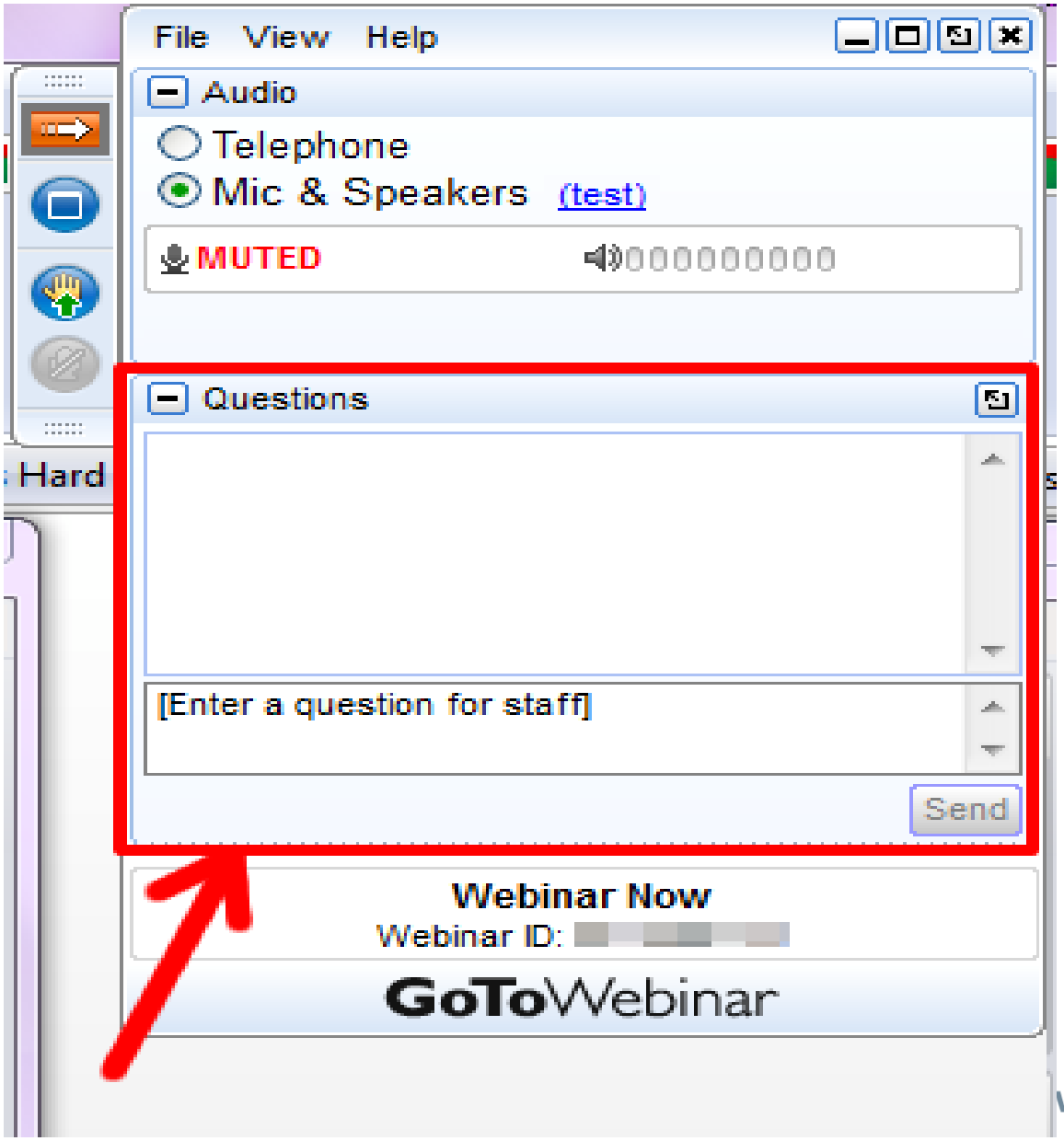
Sandrine Ammann
Marketing & Communications Officer

Click this button if you can hear my voice and see my screen



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION


THE
Adventure
BEGINS

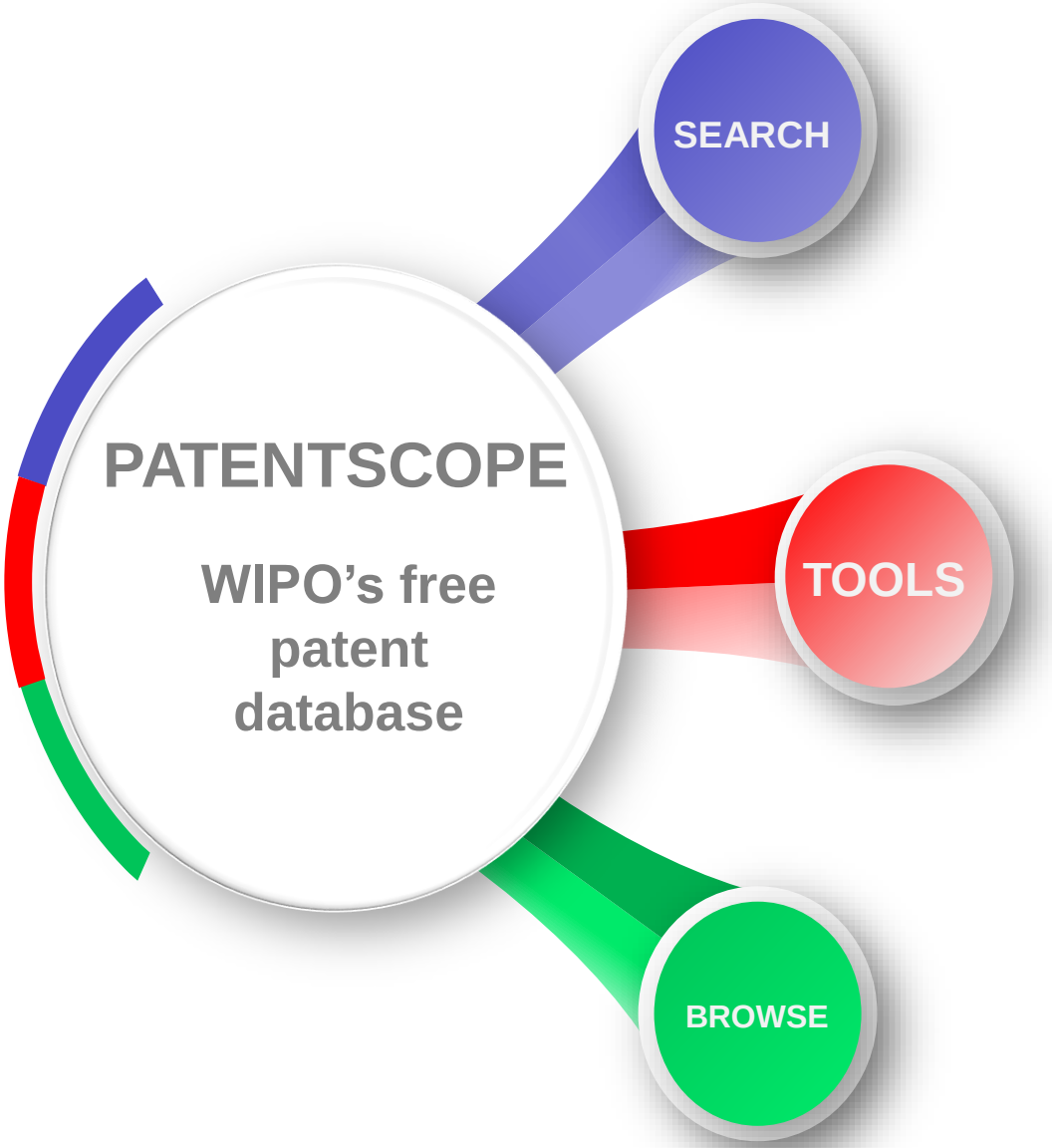

File View Help
Audio
Telephone
Mic & Speakers (test)
MUTED
Questions
[Enter a question for staff]
Send
Webinar Now
Webinar ID:
GoToWebinar

Questions/concerns

patentscope@wipo.int

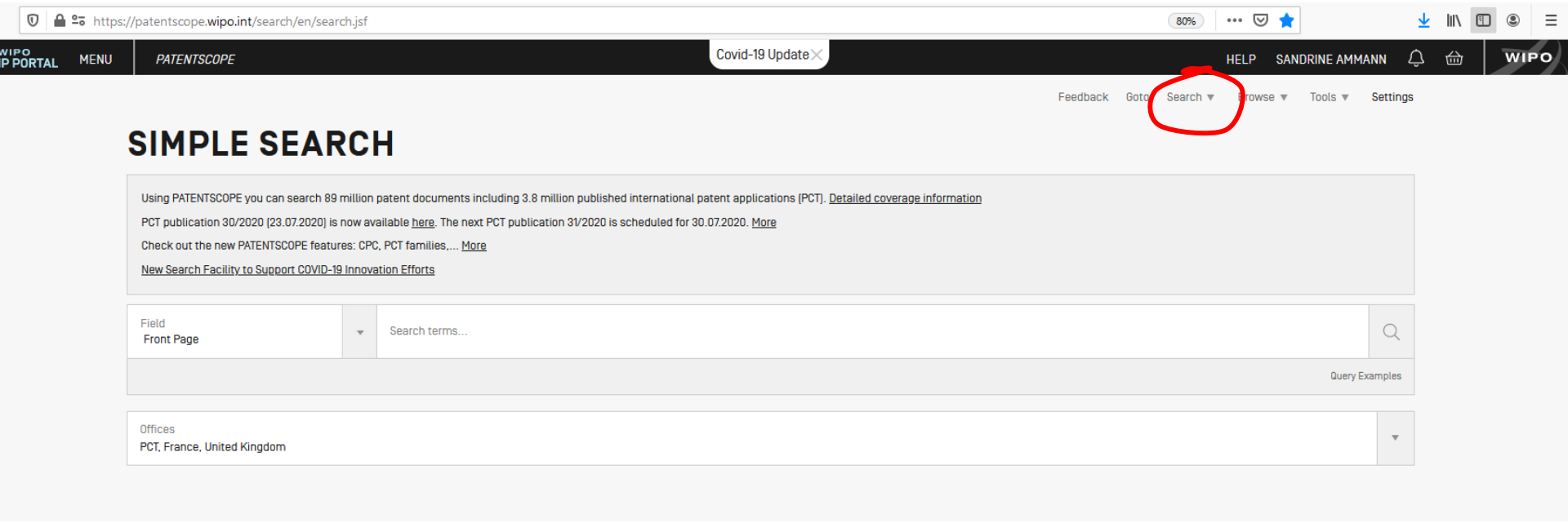
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION


HAPPY
NEW YEAR



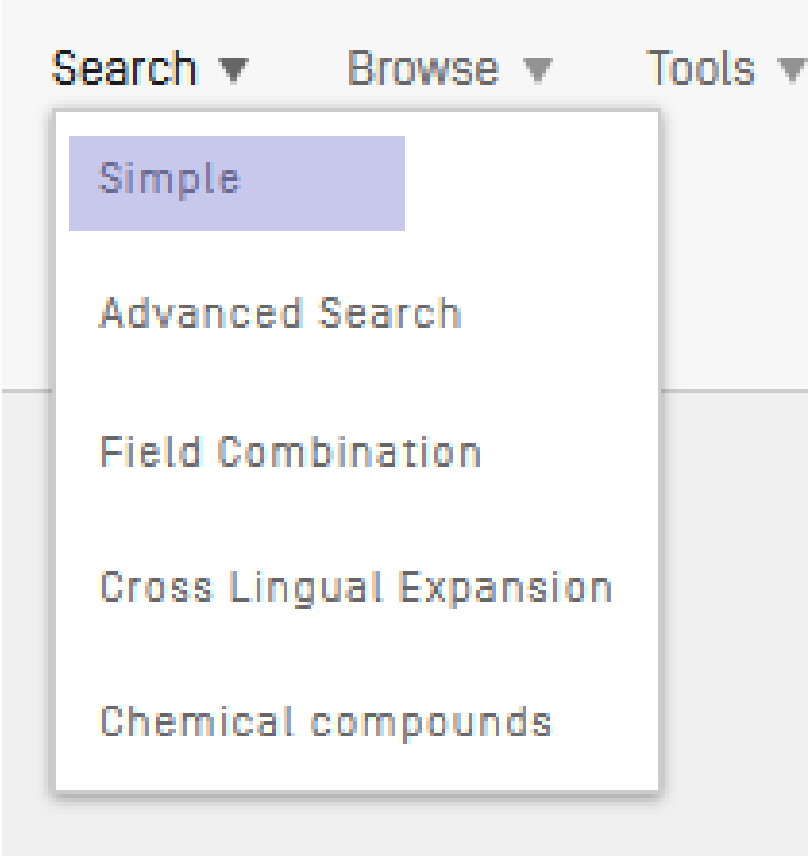
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Search

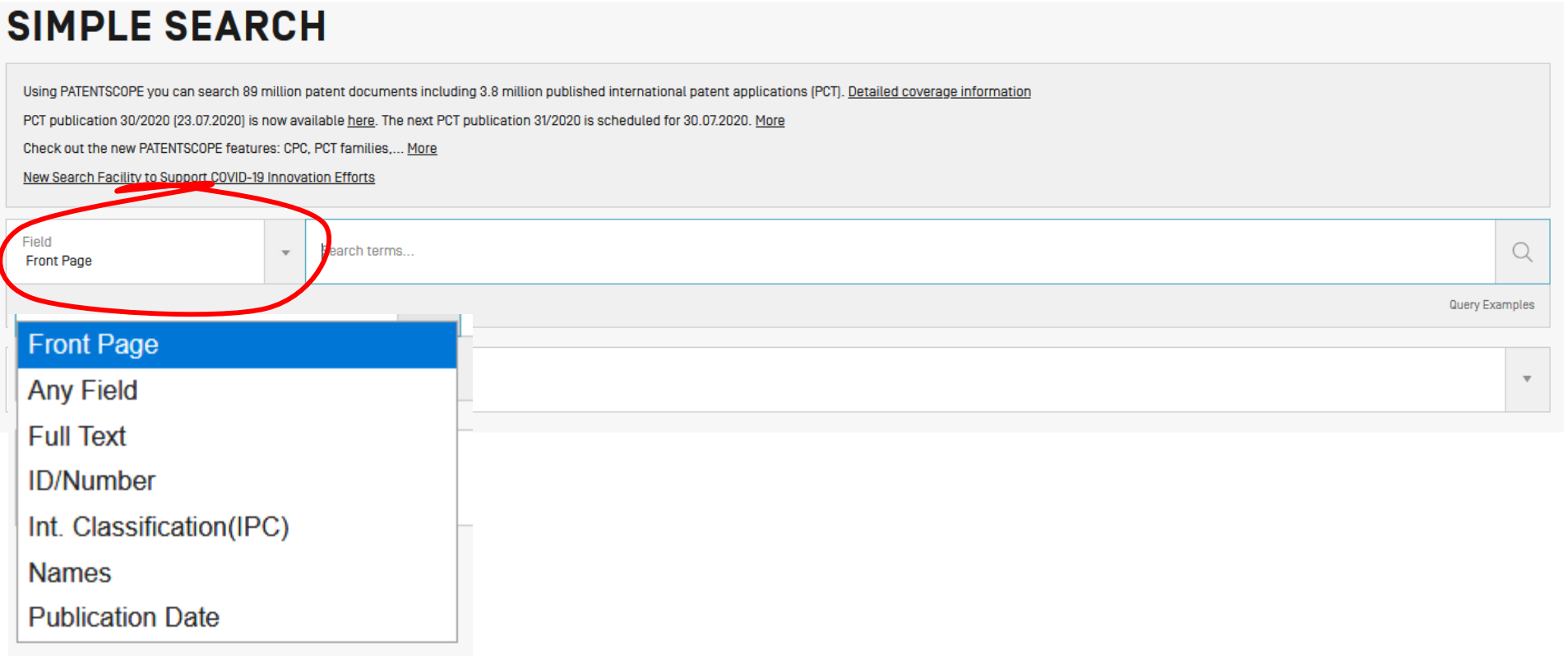


WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Search


Search
Browse
Tools
Simple
Advanced Search
Field Combination
Cross Lingual Expansion
Chemical compounds

Search: Simple



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Front Page

Any Field

Full Text

ID/Number

Int. Classification(IPC)

Names

Publication Date

Submit observation PermaLink Machine translation

Publication Number
WO/2020/148917

Publication Date
23.07.2020

International Application No.
PCT/AU2019/051378

International Filing Date
13.12.2019

IPC
A47G 19/34 2006.01 | G01F 11/24 2006.01 | A47J 47/18 2006.01

Applicants
MORELLO, Silvio [AU]/[AU]

Inventors
MORELLO, Silvio

Agents
PATENTEC PATENT ATTORNEYS
L11, 65 York St Sydney, New South Wales 2000, AU

Priority Data
2019900139 17.01.2019 AU

Publication Language
English (EN)

Filing Language
English (EN)

Designated States
View all

Title
[EN] A MEASURED POWDER DISPENSER
[FR] DISTRIBUTEUR DE POUDRE MESURÉE

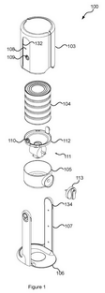


Figure 1

Abstract
[EN]
A measured powder dispenser has a hopper feeding powder down into a measured dispensing mechanism. The measured dispensing mechanism has an inlet and an outlet and a measuring container operable therebetween. The measuring container is rotatably engaged about a rotation axis generally orthogonal to an inlet axis of the inlet such that an exterior surface thereof moves across the inlet when the measuring container rotates. The measuring container has an interior volume adjustable measurement chamber recessed within the exterior surface such that, in use, at a first rotational position, the measurement chamber aligns with the inlet to accept a measured amount of powder therein from the power container and, when rotated to a second rotational position, the exterior surface seals across the inlet and the measurement chamber aligns with the outlet to dispense the measured amount of powder therefrom.
[FR]
La présente invention concerne un distributeur de poudre mesurée présentant une trémie introduisant de la poudre vers le bas dans un mécanisme de distribution mesurée. Le mécanisme de distribution mesurée présente une admission et une évacuation et un contenant de mesure pouvant être actionné entre eux. Le contenant de mesure est en prise rotative autour d'un axe de rotation généralement orthogonal à un axe d'admission de l'admission de sorte qu'une surface extérieure de ce dernier se déplace à travers l'admission lorsque le contenant de mesure tourne. Le contenant de mesure présente une chambre de mesure à volume intérieur réglable en retrait à l'intérieur de la surface extérieure de sorte que, lors de l'utilisation, au niveau d'une première position de rotation, la chambre de mesure s'aligne avec l'admission afin d'accepter une quantité de poudre mesurée en son sein à partir du contenant de poudre et, dans une seconde position de rotation, la surface extérieure sur l'admission et la chambre de mesure s'aligne avec l'évacuation afin de distribuer la quantité de poudre mesurée à partir de cette dernière.

Latest bibliographic data on file with the International Bureau

说明书

发明名称：一种样本光学检测装置

技术领域

技术领域

[0001] 本发明涉及一种样本光学检测装置。

背景技术

背景技术

[0002] 血细胞分析仪大多采用激光散射原理进行测量，原理为：将激光照射在细胞上，通过收集细胞被照射后产生的前向散射光、侧向散射光（90度散射光）和侧向荧光（90度荧光），来对细胞进行分类和计数等。

[0003] 图1为一种血细胞分析仪的光学检测装置，细胞在鞘流的作用下逐个通过流动室，当激光光源发出的光被透镜准直后向通过流动室的细胞照射，照射到细胞上的光会向四周产生散射，通过一收集透镜来收集前向散射光后，再经过一个光阑来限定最终到达光电探测器的前向散射光的角度，例如将前向散射光限定为低角度（或者说小角度）的前向散射光——这种角度的前向散射光一般用于测量细胞体积；同时，在与照射到细胞的光线垂直的方向通过另一收集透镜来收集侧向光，收集的侧向光再通过二向色镜发生反射和折射，其中侧向光中的侧向散射光在经过二向色镜时发生反射，然后到达相应的光电探测器——侧向散射光一般用于测量细胞的表面复杂程度，侧向光中的侧身荧光则经过折射或者说透射后再经过一滤光片也到达相应的光电探测器——侧向荧光一般用于测量细胞内核酸含量。

[0004] 图1中的光学检测装置仅有三路测量通道——即低角度前向散射光通道、侧向散射光通道和侧向荧光通道，因此只能基于这三路测量通道获取的信号来对细胞进行分类和计数，这在一定程度会限制对细胞的进一步分数和计数，即无法做到进行更多维度和更加细致的分类和计数，降低了异常细胞的分类能力；技术人员如果将图1中低角度前向散射光通道替换或增加高角度（或者说大角度）散射光通道，可以直接使用光电探测器即面来接收大角度前向散射光，但这样接收得到的信号信噪比非常差，因此为了保证信号质量，技术人员通常会采用复杂的多个透镜组合来收集大角度前向散射光再出射给对应的光电探测器，这种做法则会极大增加装置的成本；另外，光学检测装置的尺寸一般偏大，这是由于其光路结构所选成的，例如前向散射光通道一般被设计为折射式的光路结构，因此这会造成光学检测装置的尺寸偏大，尤其是当前向散射光通道用于收集多个角度范围（例如低角度和高角度等）的散射光时。

发明概述

技术问题

[0005] 本发明主要提供一种样本光学检测装置，下面说明。

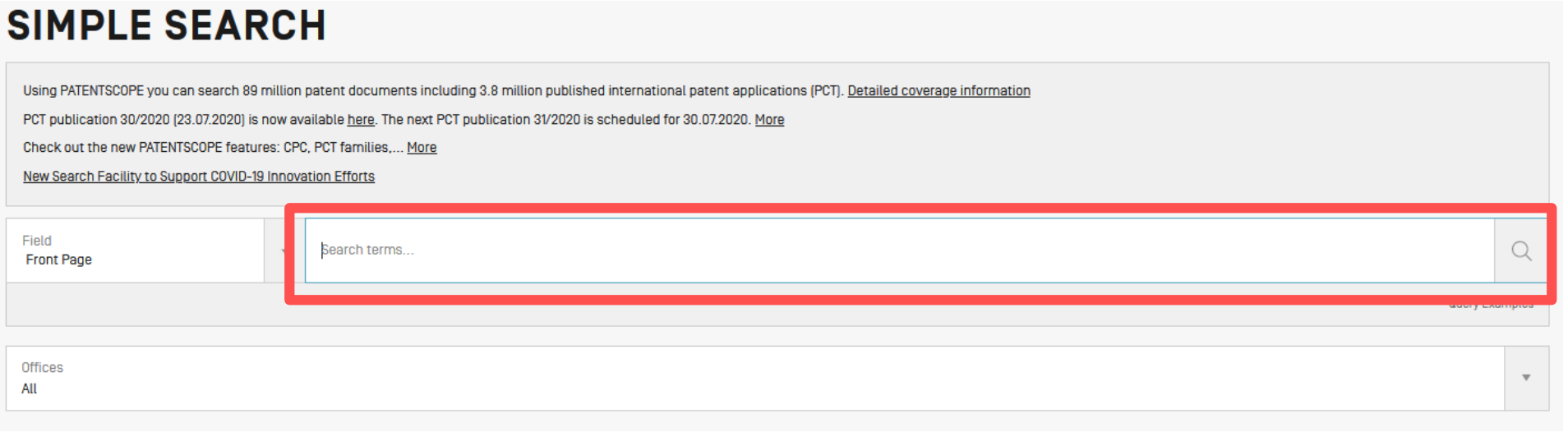
技术解决方案

[0006] 一实施例的样本光学检测装置，包括：

[0007] 流动室，用于供待测样本中的细胞逐个通过；

[0008] 光源，用于照射通过所述流动室的细胞；

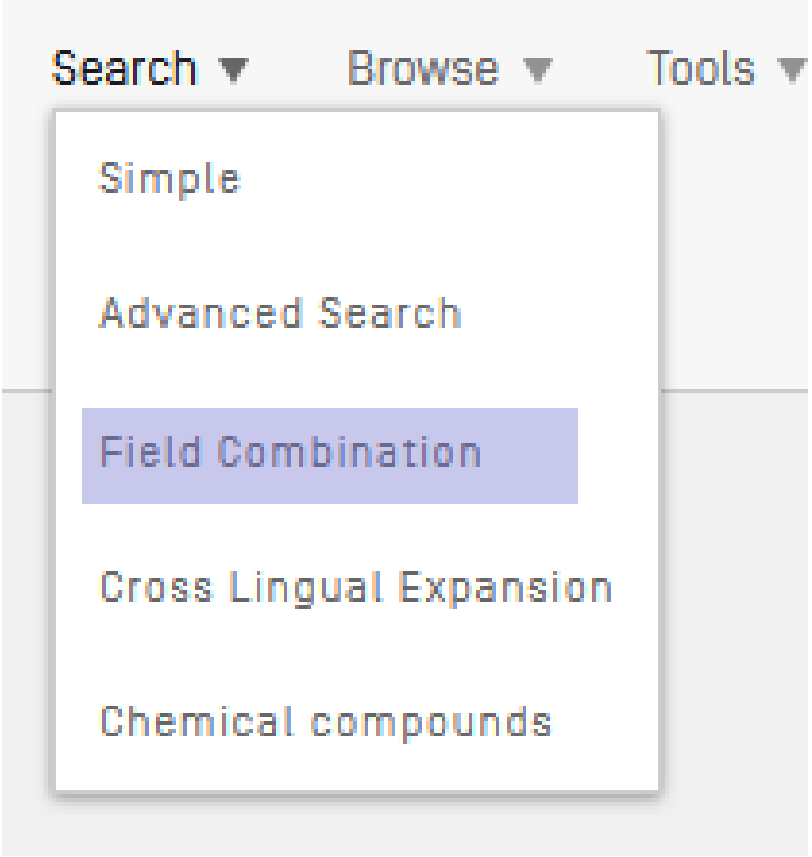
Search



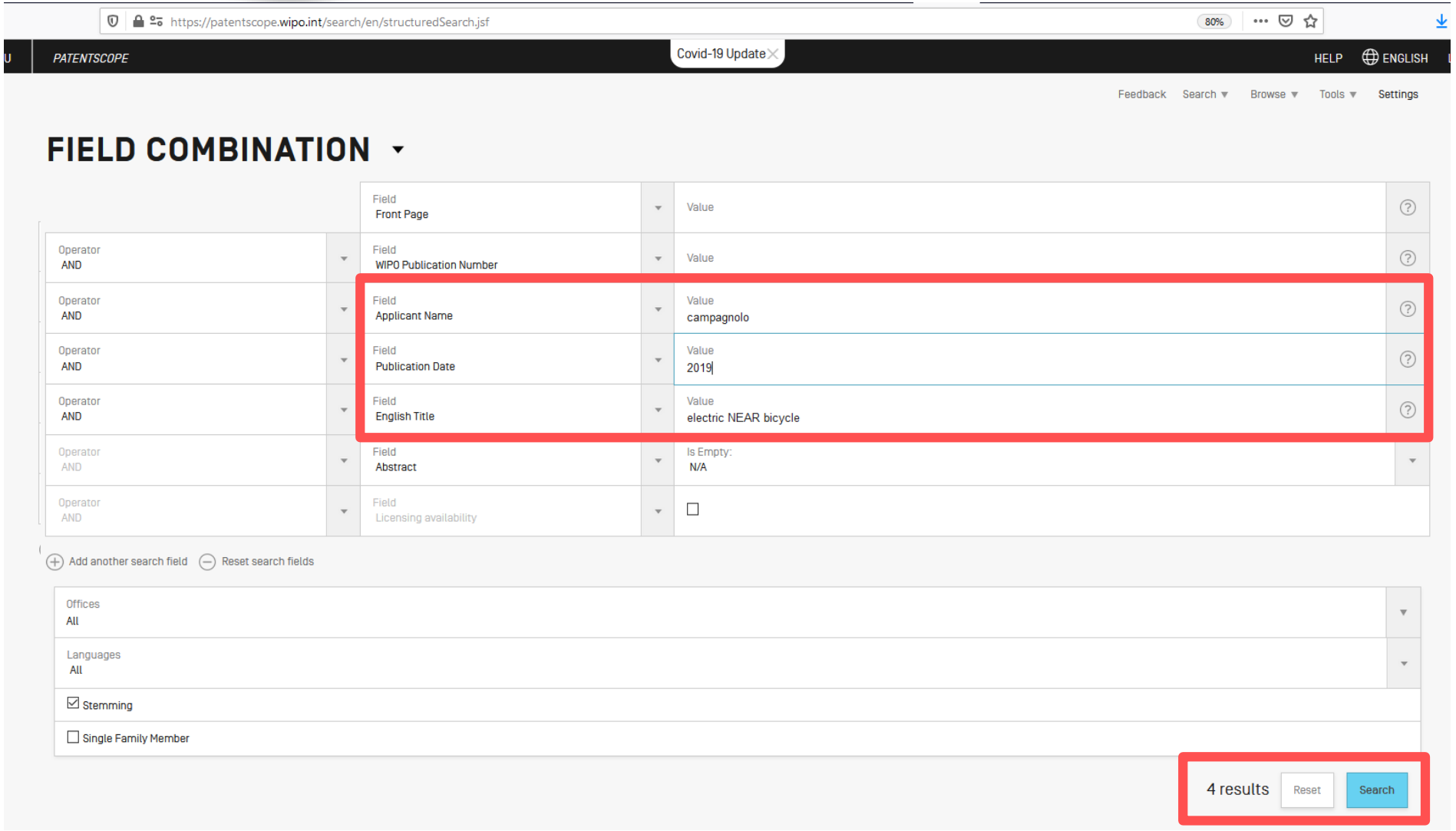
- bicycle – electric bicycle – «electric bicycle»
- electric NEAR bicycle
- ~~electric NEAR bicycle AND campagnolo AND 2017~~

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

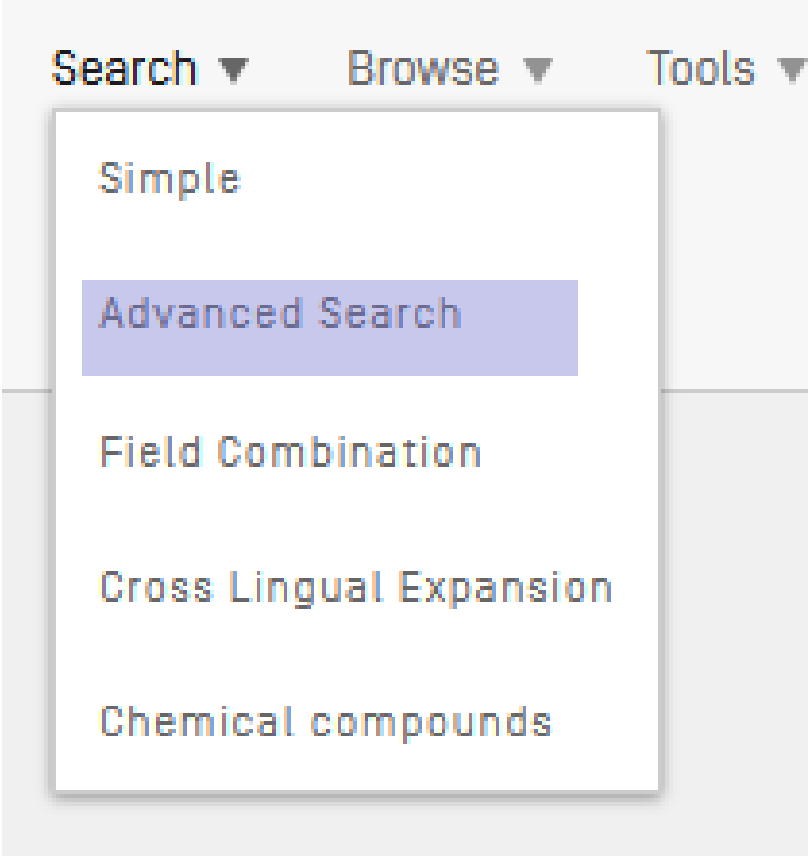
Search


Search
Browse
Tools
Simple
Advanced Search
Field Combination
Cross Lingual Expansion
Chemical compounds

Search: Field Combination



Search


Search
Browse
Tools
Simple
Advanced Search
Field Combination
Cross Lingual Expansion
Chemical compounds

Search

- Unlimited number of search terms
- Boolean operators: AND, OR, NOT, ANDNOT
- Proximity: NEAR, BEFORE
- Range operators: […TO…], {…TO…}
- Wildcards: ?, *
- Weighting factor: ^

ADVANCED SEARCH

Please enter a valid field... [or use UP/DOWN keys, and TAB or ENTER to select]

applic

- Applicant Address
- Applicant Address Country
- Applicant All Data
- Applicant Name
- Applicant Nationality
- Applicant Residence
- Application Date
- Application Number
- Main Applicant Name
- National Phase Application Number

Reset | Search

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

ADVANCED SEARCH

PA:campagnolo AND DP:[2015 TO 2020] AND EN_AB:((electric NEAR motor) OR (electric NEAR derailleur))

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

1. **107444564** ELECTRIC BICYCLE DERAILLEUR — CN - 08.12.2017

Int.Class B62M 25/06 **Appl.No** 201710397436.2 **Applicant** CAMPAGNOLO S.R.L. **Inventor** BERNARDELE DAVID

An electric bicycle derailleur comprises a chain guide and an electric motor [12] that displaces the chain guide, further comprises an electrically controllable device [50] configured to, selectively, block the rotation of the electric motor [12] and let the electric motor [12] free to rotate. A method for actuating the bicycle derailleur comprising the chain guide and the electric motor [12] that displaces the chain guide, comprises the steps of: receiving a gearshifting request signal, making the electric motor [12] free to rotate, driving the electric motor [12] to displace the chain guide until the chain guide is in an intended position while the electric motor [12] is made free to rotate, and blocking the rotation of the electric motor [12].

2. **3266694** BICYCLE ELECTRIC FRONT DERAILLEUR — EP - 10.01.2018

Int.Class B62M 9/131 **Appl.No** 17177058 **Applicant** CAMPAGNOLO SRL **Inventor** PASQUA PAOLO

A bicycle electric front derailleur [10] comprises a support body [12] that is configured to be attached to a frame of the bicycle, a chain guide [14] connected to the support body [12] through a linkage [16], an electric motor that drives the linkage [16] to displace the chain guide [14] among toothed wheels of a motion transmission system, and a battery power supply unit [24]. The battery power supply unit [24] is supported by the chain guide [14].

3. **20180001960** BICYCLE ELECTRIC FRONT DERAILLEUR — US - 04.01.2018

Int.Class F16H 9/00 **Appl.No** 15639704 **Applicant** CAMPAGNOLO S.r.l. **Inventor** Paolo Pasqua

A bicycle electric front derailleur is disclosed that includes a support body that is configured to be attached to a frame of the bicycle, a chain guide connected to the support body through a linkage, an electric motor that drives the linkage to displace the chain guide among toothed wheels of a motion transmission system, and a battery power supply unit. The battery power supply unit is supported by the chain guide.

4. **107571961** ELECTRIC FRONT DERAILLEUR OF BICYCLE — CN - 12.01.2018

Int.Class B62M 9/132 **Appl.No** 201710537695.0 **Applicant** CAMPAGNOLO S.R.L. **Inventor** PAUL PASQUA

The electric front derailleur of bicycle [10] comprises a support body [12] which is configured to be attached to a framework of a bicycle, a chain guiding piece [14] which is connected to the supportbody [12] through a linking rod mechanism [16], an electric motor which drives the linking rod mechanism [16] to move in the gear of a transmission system, and a battery power supply unit [24] whichis supported by the chain guiding piece [14].

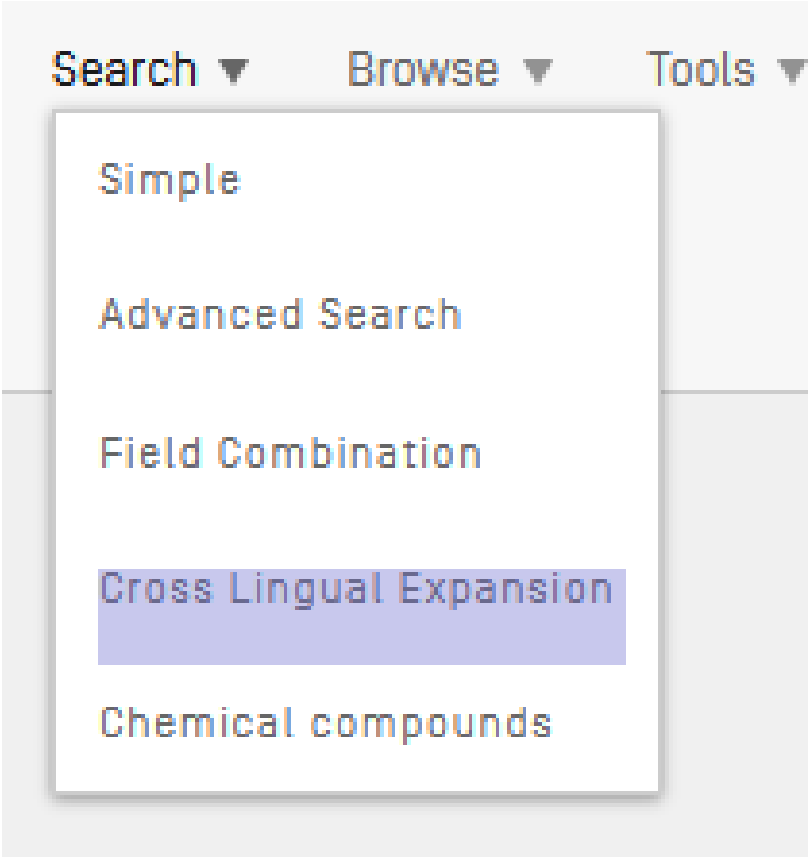
5. **2018016301** ELECTRIC FRONT DERAILLEUR OF BICYCLE — JP - 01.02.2018

Int.Class B62M 9/132 **Appl.No** 2017125706 **Applicant** CAMPAGNOLO SPA **Inventor** PASQUA PAOLO

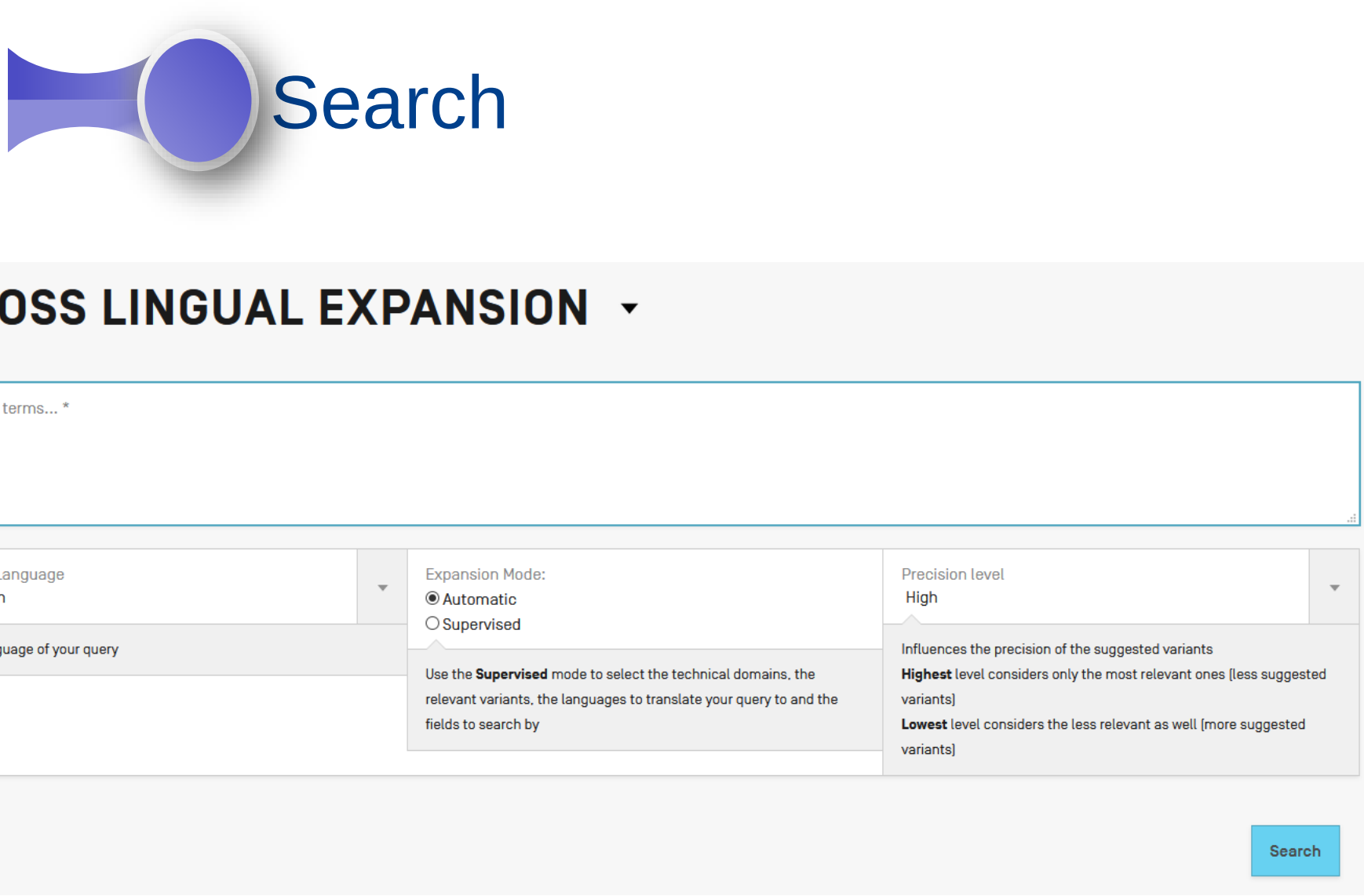
PROBLEM TO BE SOLVED: To provide an electric front derailleur of a bicycle which enables a user to access a battery power supply unit to easily replace the battery power supply unit and remove the battery power supply unit from the bicycle without removing the derailleur.

SOLUTION: An electric front derailleur 10 of a bicycle 1100 includes: a support medium 12 configured to be attached to a frame of the bicycle 1100; a chain guide 14 connected with the support medium 12 through a link 16; an electric motor 218 which drives the link 16 so as to displace the chain guide 14 between gears 1102 of a transmission system; and a battery power supply unit 24. The battery power supply unit 24 is supported by the chain guide 14.

Search

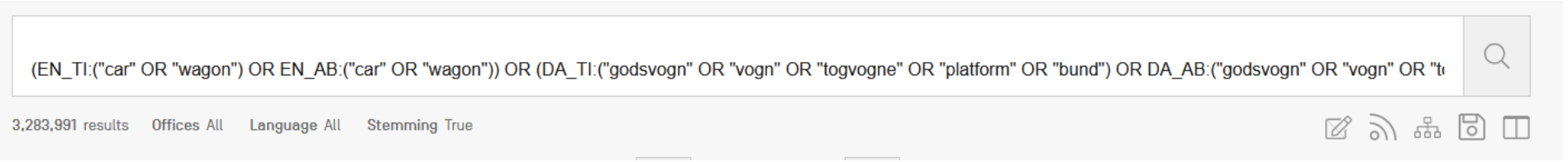

Search
Browse
Tools
Simple
Advanced Search
Field Combination
Cross Lingual Expansion
Chemical compounds

Search



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Search



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Search

Sort: Relevance ▼ Per page: 10 ▼ View: All+Image ▼ 4 / 196,379 ▼ Download ▼ Machine translation ▼

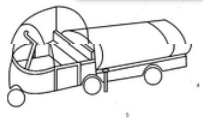
WIPO Translate ▶

Google Translate

31. 202115409 残疾人代步和流动服务两用电动车

Int.Class B60P 3/00 Appl.No 201120208649.0 Applicant 张航 Inventor 张航

本实用新型提供一种残疾人代步和流动服务两用电动车，由残疾人代步车与电动货车车厢组成的残疾人代步和流动服务两用电动车，其特征是：在电动货车车厢底盘前端，设置有连接残疾人代步电动车后桥的可拆挂的搭接装置；在货车车厢底板前端左右外侧，各设置一可收放的支撑脚架。另在底板上设置有洗车用的储水箱，储水箱旁设置有存放流动服务所需设备的工具室。也可在车厢底板上设置流动售货车厢，或观光乘客座位。残疾人可使用本车从事上门洗车、清洗麻将等服务工作。从事他们力所能及的生产自救活动。不工作时可就开

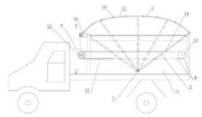


32. 202966086 一种带有顶盖装置的货车车厢

CN - 05.06.2013

Int.Class B60P 7/04 Appl.No 201220484850.8 Applicant 李翀 Inventor 李翀

本实用新型公开了一种货车车厢，尤其是公开了一种带有顶盖装置的货车车厢，属于汽车辅助设备制造技术领域。提供一种劳动强度低，能很方便的对车厢的顶部进行密封的带有顶盖装的货车车厢。所述货车车厢包括车厢本体、门型支架和篷布，还包括安装在车厢本体的外厢壁上的动力机构，门型支架的两条竖直边的下端通过铰接点分别铰接在车厢本体两侧中部的下边缘上，门型支架的上边与篷布的一个端部连接，篷布的另一个端部与车厢本体的前端连接，动力机构通过驱动门型支架绕铰接点往复摆动的带动篷布密封或敞开车厢本体的顶部。

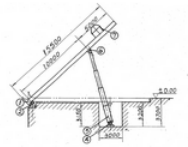


33. 201580825 挺举式平板车厢式货车卸货机

CN - 15.09.2010

Int.Class B65G 67/40 Appl.No 200920185899.8 Applicant 蔡秉柱 Inventor 蔡秉柱

本实用新型涉及一种针对无自卸装置载重平板车厢式货车载运颗粒粉状货物的卸货机，尤其是可以代替平板车厢式货车自卸装置的卸货机。该挺举式平板车厢式货车卸货机，有一个固定平板车厢式货车的主体承受板[1]，主体承受板一端与卸载平台用支承轴[2]连接，所述的卸货机有液压推杆[5]挺举主体承受板[1]一端。本实用新型的有益效果是，可以在载货汽车没有装配自卸装置时，方便快捷地卸载颗粒粉状货物。

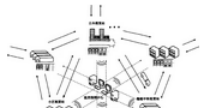


34. 105321104 一种轿货整合型城市电动汽车分时租赁方法

CN - 10.02.2018

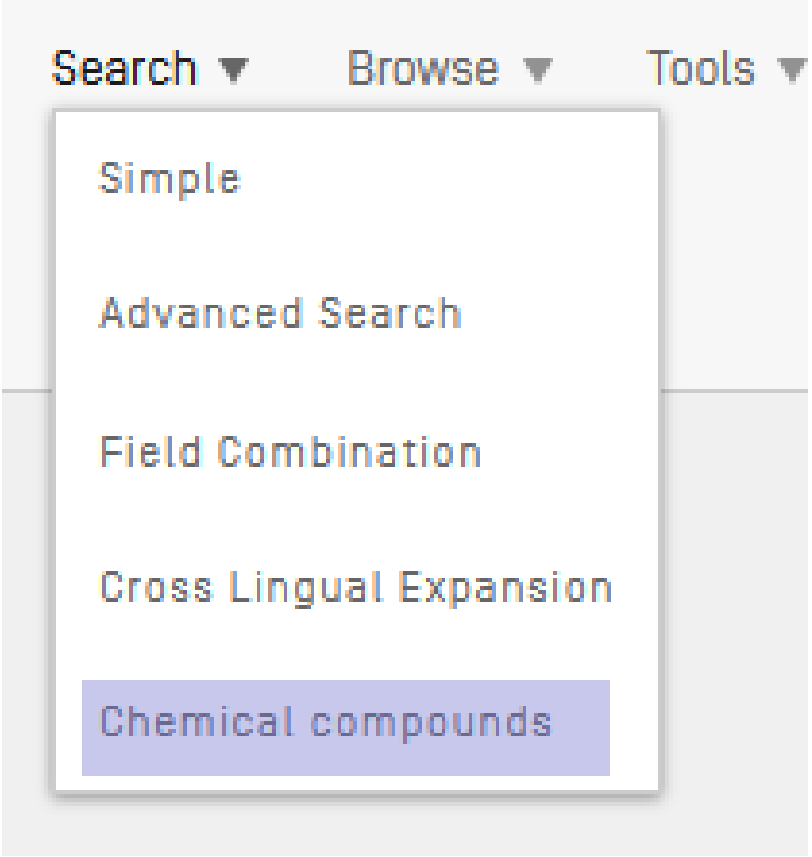
Int.Class G08Q 30/06 Appl.No 201410226487.8 Applicant 重庆邮电大学 Inventor 张艳

本发明涉及一种轿货整合型城市电动汽车分时租赁方法，包括建立城市公共主租赁站，物流中转站以及居民小区等备用租赁站，建立监控指挥中心、配置车载智能终端、配置统一识别卡；从而形成以上述三类租赁站为基础的城市电动轿车和货车租赁网络，各类租赁站点之间的协调统筹租赁服务，包括提供电动轿车和货车分时租赁、电动汽车停放/充电服务；监控指挥中心监视各个租赁站的车位及车辆状态信息，控制车位解锁，发布车辆和车位信息，接收出租车辆定位和请求信息；车载智能终端采用无线通信，实时车位信息获取，智能计费，车辆智能解锁以及车辆实时定位；统一识别卡的功能包括租赁用户身份识别，车辆启动解锁，计费/充值以及用户身份信息存储等。本发明实现了城市电动轿车和货车整合型分时租赁，采用分时租赁模式，有助于电动汽车使用推广的发展。

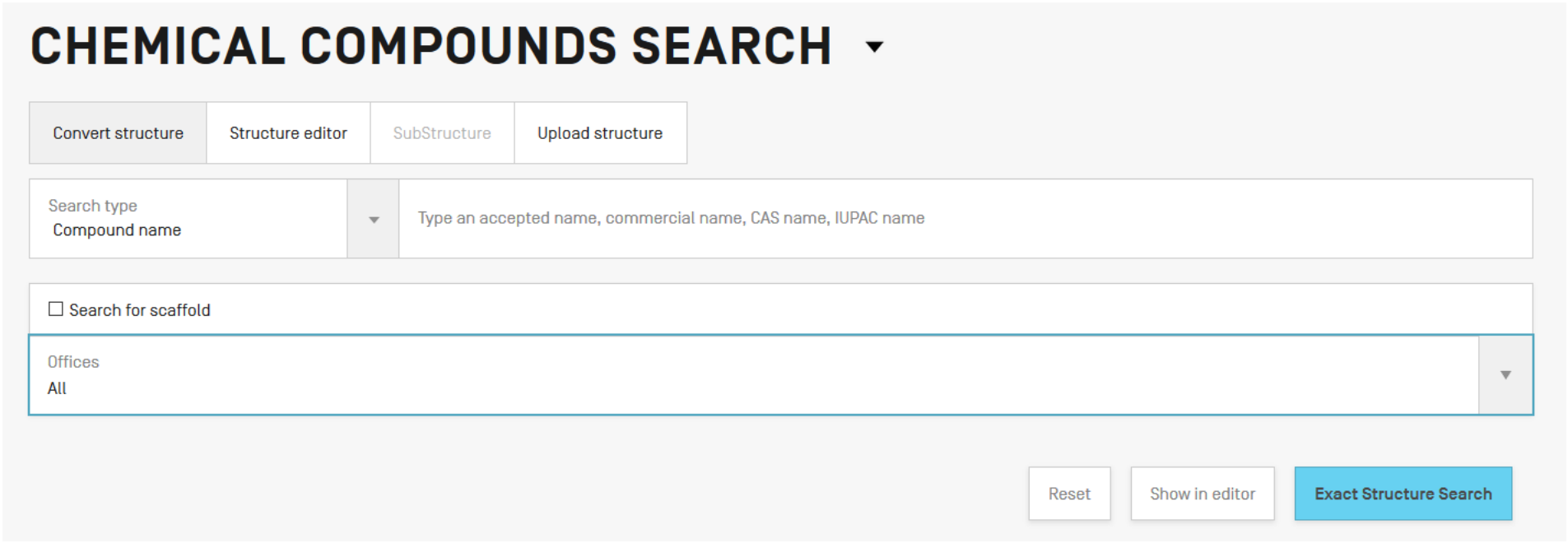


WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Search


Search
Browse
Tools
Simple
Advanced Search
Field Combination
Cross Lingual Expansion
Chemical compounds

Search



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

CHEM:(BSYNRYMUTXBXSQ-UHFFFAOYSA-N)

177,411 results Offices All Languages All Stemming True

Analysis Sort: **Relevance** Per page: **10** Page 1 / 17,742 Download Machine

1. **104471403** CANCER DETECTION METHOD

Int.Class G01N 33/574 **Appl.No** 201380038351.5 **Applicant** 东丽株式会社 **Inventor** 井户隆喜

The present invention provides: a cancer detection method that includes measuring, in a biological sample and using an antigen-antibody reaction, of the expression of a polypeptid that has binding reactivity with an antibody against CAPRIN-1 having an amino acid sequence represented by any of the even sequence numbers from SEQ ID NO:2-30 in the sequenc listing; a cancer detection method for determining the presence of CAPRIN-1 and the amount thereof in a cancer patient sample, in order to determine the administration, to the cance patient, of therapeutic treatment that targets CAPRIN-1; and a cancer diagnostic agent or a kit containing an anti-CAPRIN-1 antibody.

2. **1020150034688** 암의 검출 방법

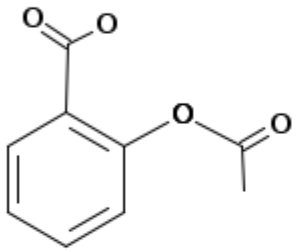
Int.Class G01N 33/574 **Appl.No** 1020147034434 **Applicant** 도레이 카부시키가이샤 **Inventor** 이도 타카요시

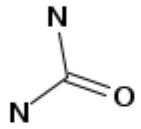
본 발명은 생체 시료에 있어서, 서열목록의 서열번호 2~30 중 짝수의 서열번호로 나타내어지는 어느 하나의 아미노산 서열을 갖는 CAPRIN-1에 대한 항체와 항원 항체 반응에 의해 결합하는 반응성을 갖는 폴리펩티드의 발현을 측정하는 것을 포함하는 암의 검출 방법, CAPRIN-1을 표적으로 하는 치료약의 암환자에의 투여를 결정하기 위해서 암환자 시료 중의 CAPRIN-1의 존재 및 그 양을 결정하는 암의 검출 방법, 및 항CAPRIN-1 항체를 포함하는 암 진단약, 키트를 제공한다.

3. **107530363** METHOD OF TREATING OR PREVENTION OF ATHEROTHROMBOTIC EVENTS IN PATIENTS WITH HISTORY OF MYOCARDIAL INFARCTION

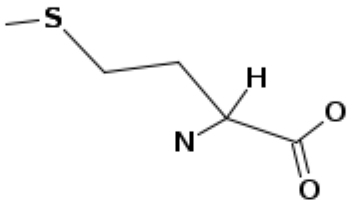
National Biblio. Data | Description | Claims | Drawings | Compounds | Documents

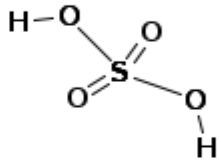
Title | Abstract | Description | Claims

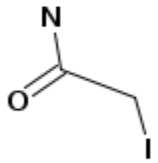


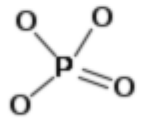


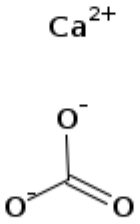
Methionine



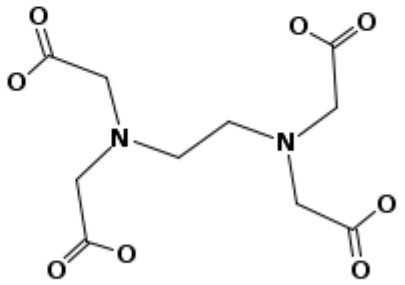








Edetic acid



본 발명은 CAPRIN-1을 종양 마커로 하는 암의 검출 방법에 관한 것이다.

배경기술

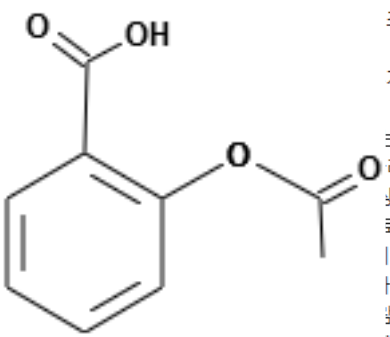
암은 전체 사망 원인의 제 1 위를 차지하는 질환이고, 현재 행해지고 있는 치료는 수술 요법을 주체로 방사선 요법과 화학 요법을 조합시킨 것이다. 지금까지의 의료 기술의 진보에 의해, 암종에 따라서는 조기 발견할 수 있으면 고칠 수 있는 가능성이 높은 질환이 되고 있다. 그 때문에, 암환자의 체력적, 경제적 부담이 없고, 간편하게 검사할 수 있는 암의 검출 방법이 요구되고 있다.

최근에는, 종양 마커 등의 종양 생산물을 측정하는 방법이 보급되어 왔다. 종양 생산물이란, 종양에 관련되는 항원, 효소, 특정 단백질, 대사산물, 종양 유전자, 종양 유전자 생산물 및 종양 억제 유전자 등을 가리키고, 암태아성 항원 CEA, 당 단백질 CA19-9, 전립선 특이 항원 PSA, 갑상선에서 생산되는 펩티드 호르몬인 칼시토닌 등이 일부의 암에서 종양 마커로서 암진단에 활용되고 있다. 그러나, 다른 많은 암종에 있어서는 암진단에 유용한 종양 마커는 존재하지 않는다. 또한, 현재 알려져 있는 종양 마커의 대부분은 체액 중에 극히 미량(pg/mL 오더 정도)밖에 존재하지 않기 때문에, 그들을 검출하기 위해서는 고감도한 측정법이나 특수한 기술을 필요로 한다. 이러한 현재 상황 중에서, 각종 암을 간편한 조작으로 고감도로 검출할 수 있는 신규한 암 검사 수단을 제공할 수 있으면, 각종 암에 대한 진단 용도가 열린다고 기대된다.

한편, 최근 새로운 수술법의 개발이나 새로운 항암제의 발견에도 불구하고, 일부 암을 제외하고 대부분의 암에서는 효과적인 암 진단 기술이 확립되어 있지 않다. 그러므로, 암을 조기에 발견할 수 없고, 암의 치료 성적은 그다지 향상되지 않은 것이 현재 상황이다.

최근, 분자생물학이나 암면역학의 진보에 의해, 암에 특이적으로 반응하는 항체나, 암화나 암의 악화에 관련되는 암 항원에 대한 분자 표적약 등, 암 항원류를 타깃으로 한 특이적 암 치료법에의 기대가 높아지고 있다. 그 중에서도, 암세포 상의 항원 단백질을 표적으로 한 암을 치료하기 위한 항체 의약이 복수 상시되어 암 치료에 사용되고 있다. 항체 의약은 암 특이적 치료약으로서 일정 약효를 얻을 수 있으므로 주목받고 있지만, 표적이 되는 항원 단백질의 대부분은 정상세포에도 발현되는 것이고, 항체 투여의 결과, 암세포뿐만 아니라 항원이 발현되는 정상세포도 장해되어버려, 그 결과 생기는 부작용이 문제가 되고 있다. 또한, 암환자에 의해 병인은 다양하기 때문에 암 치료의 효과는 개인차가 매우 크다. 예를 들면, 수술, 화학 요법 또는 방사선 요법에 있어서, 암의 진행 단계에 의해 그 치료 및 예후는 크게 좌우된다. 개체의 다양성에 의해, 동일한 암 치료약에 대해서도 개개인으로 다른 감수성을 가진다는 것이 알려져 있고, 어떤 환자에 유효한 약이 다른 환자에게도 유효하다고는 할 수 없다.

그래서, 미리 환자의 질환 관련 유전자나 단백질의 발현을 측정하고, 어떤 특정 약품이 특정 유전자 또는 단백질을 발현하고 있는 암환자에 대하여 유효할 것인지 아닌지를 평가한 후에, 그 암환자에의 치료약의 투여 결정이 이루어지고 있다. 구체적으로는, 어느 종류의 암에 대한 질환 관련 유전자나 단백질을 측정하는 검출법을 사용하여, 임상 현장에서 암환자 유래의 시료, 예를 들면 혈청이나 조직 중에 암 항원이 존재하는지 아닌지를 검사한 후에 암 항원 특이적인 치료약의 투여 결정이 이



직을 면역 조직 화학 염색 EGFR 검출법 「EGFRpharm(DAKO Corporation)」에 의해 평가하고, 대장암에 있어서의 얼비툭스의 유효성을 예측한 후에 얼비툭스의 투여를 결정하

조직화학 염색 Her2검출법 「허셉 테스트」에 의해 평가하고, 유방암에 있어서의 허셉틴의 유효성을 예측한 후에, 허셉틴의 적용을 결정하고 있다.

그런데, 반려동물은 가족의 일원으로서 사육되고, 기르는

가 많다. 그 때문에, 반려동물의 암 감염에 의해, 기르는 주인이 장래 암을 발병할 위험성이 높은 것을 예측할 수 있는 것이 알려져 있다.

대표적인 반려동물인 개는 인간과 비교하여 7배 빨리 나이

ㅌ. 일본에서는 약 670만마리, 또한 미국에서는 약 1764만마리라고 알려져 있다. 광견병 예방접종 이외에 5종, 7종, 8종 등의 혼합백신이 일반적으로 보급되고, 개 파보바이러스

라인플루엔자[컨넬코프], 개 아데노바이러스 2형 감염증[컨넬코프], 개 전염성 간염, 개 코로나바이러스 감염증, 및 렙토스피라병이라는 치사율이 높은 감염증이 감소했다.

양의 고령개는 전체 사육수의 35.5%를 차지하고 있다. 사망 원인도 인간과 같이 암이나 고혈압, 심장병 등이 증가의 일로를 걷고 있다. 미국에서는 1년에 약 400만마리의 개가

로 약 160만마리에 어떤 종양이 있다고 알려져 있다. 그러나, 반려동물은 인간과 같이 건강진단이 보급되어 있지 않기 때문에 발견이 늦어, 종양이 커지고 처음으로 주인이 일

| 악성인 경우, 수술 등의 외과적 요법이나 항암제 등의 투약을 행한다 해도, 이미 너무 늦은 경우가 대부분이다. 그 때문에, 수의사가 악성이라고 판단했을 경우에는 수술하

ㅏ. 수술을 행할 경우에도, 마진 확보의 크기나 수술 중의 혈액, 세포 비산 대책이라고 한 수술 중의 대책도 엄중하게 실시할 필요가 있다. 수술 후 즉시 항암제 치료를 시작하고

강직하다. 따라서, 암에 걸린 반려동물에 있어서도 암 치료약의 투약은 필수적이고, 어떤 종류의 암에 대한 질환관련 유전자나 단백질을 측정하는 검출법이 존재하면, 지금까

게도 수의사에 있어서도 메리트가 크다.

Cytoplasmic-and proliferation-associateed protein 1(CAPRIN-1)은 휴지기의 정상세포가 활성화나 세포분열을 일으킬 때에 발현되고, 또한 세포내에서 RNA와 세포내 스트레스 과립을 형성하여 mRNA의 수송, 번역의 제어에 관여하는 것 등이 알려져 있는 세포내 단백질이다. 한편으로, 본 발명자들은 유방암세포의 막 표면에 CAPRIN-1이 고발현하고 있는지, CAPRIN-1에 대한 항체가 유방암세포에 대하여 강한 항종양 효과를 발휘하는지를 발혀냈다[특허문헌 1]. 또한, 세포 표면에 발현하고 있는 CAPRIN-1에 결합하는 항체를 사용하여, 환자에 유래하는 시료 중의 CAPRIN-1의 발현을 측정함으로써, 암의 검출 및 암의 악성도를 평가할 수 있는 것이 보고되고 있다 즉, 세포막 단백질의 하나인 CAPRIN-1은 암 치료 등의 타깃이 될 수 있는 것이 기재되어 있다. 한편 상술한 바와 같이, 암환자의 다양성으로부터 CAPRIN-1을 표적으로 한 치료약, 예를 들면 항체의 투여를 결정하기 위해서는 미리 암환자 유래 시료 중의 CAPRIN-1의 발현을 검증할 필요가 있다. 그러나, 이와 같이 특이적인 치료약을 적용하기 위한 CAPRIN-1의 검출 방법에 관한 보고는 없고, 또한 암환자 시료를 사용한 암을 검출하는 시약은 존재하지 않는다.

선행기술문헌

특허문헌

[특허문헌 0001] WO2010/016526

[특허문헌 0002] WO2010/016527

Results

FP:(bicycle)

104,102 results Offices all Languages all Stemming true Single Family Member false

Sort: Relevance Per page: 100 View: All+Image 1 / 1,042 Download Machine translation

1. **1020120123795** TRAVEL BICYCLE ASSISTANCE METHOD CAPABLE OF DIRECTLY INFORMING INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INFORMATION OF A BICYCLE USER KR - 12.11.2012

Int.Class G06Q 50/14 **Appl.No** 1020110041346 **Applicant** LEE, YEON HUI **Inventor** LEE, YEON HUI

PURPOSE: A travel bicycle assistance method is provided to find a road suitable for a bicycle and guide a route to a user in real time, thereby reducing a probability which the bicycle is broken. CONSTITUTION: Member store information is stored by receiving the member store information from a bicycle member store[S100]. Membership is approved by receiving member information of a bicycle user[S300]. Location information of the bicycle user is received[S500]. An information request signal is received from the bicycle user[S800]. The bicycle member store corresponding to the information request signal is searched[S900]. The searched member store information is transmitted to the bicycle user[S1000]. COPYRIGHT KIPO 2013 null [Reference numerals] [AA] Start; [BB] The distance between the bicycle users and the bicycle store is within a certain distance?; [CC] Finish; [S100] Bicycle road information saved; [S1000] The information on the member store information of a searched bicycle member store is transmitted to the users; [S1100] The information request signal and the bicycle user location information are transmitted to the bicycle member store; [S1200] The payment approval signal is received from the bicycle users; [S1300] The point of the bicycle user is deducted; [S1400] The bicycle user sends the payment completed signal to the bicycle member store; [S1500] Receiving the product accepted signal from the bicycle user; [S1600] The bicycle user sends money to the bicycle member store; [S200] Saving the store information; [S300] Approving the member registration for the bicycle user; [S400] Sending points to the bicycle user; [S500] Receiving the location information of the bicycle user; [S600] The bicycle road information is guided for the bicycle user; [S700] The store event information is transmitted to the bicycle user; [S800] Information request signal is received from the bicycle user; [S900] Searching the bicycle store

2. **103537063** EXERCISE BICYCLE CN - 29.01.2014

Int.Class A63B 22/06 **Appl.No** 201310440070.4 **Applicant** 浙江恒耀实业有限公司 **Inventor** 陈朝泉

The invention discloses an exercise bicycle. The exercise bicycle comprises a bicycle frame, a pedal device installed on the bicycle frame, a bicycle head device installed above the front portion of the bicycle frame and a seat device installed above the rear portion of the bicycle frame. The bicycle head device comprises a bicycle head tube and a bicycle head installed above the bicycle head tube. The lower end of the bicycle head tube is inserted into a bicycle head connecting tube and fixed through a bicycle head height adjusting knob. The bicycle head tube is connected with the bicycle head in a sliding mode through a bicycle head sliding base and a bicycle head sliding block, and the bicycle head tube and the bicycle head are fixed through a bicycle head adjusting handle. The seat device comprises a seat supporting tube and a seat installed above the seat supporting tube. The lower end of the seat supporting tube is inserted into a seat connecting tube and fixed through a seat height adjusting knob. The seat supporting tube is connected with the seat in a sliding mode through a seat sliding base and a seat installation base and the seat supporting tube and the seat are fixed through a seat adjusting handle. Parts of the exercise bicycle are simplified, the horizontal positions and the heights of the bicycle head device and the seat device can be conveniently adjusted, and therefore the exercise bicycle is convenient to use and comfortable.

3. **104760648** BICYCLE TUBE ROPE CN - 08.07.2015

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Feedback Goto Search Browse Tools Settings

FP:(bicycle)

104,102 results Offices all Languages all Stemming true Single Family Member false

Sort: Relevance Per page: 100 View: All+Image 1 / 1,042 Download Machine translation

1. 1020120123795 TRAVEL BICYCLE ASSISTANCE METHOD CAPABLE OF DIRECTLY INFORMING INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INFORMATION OF A BICYCLE USER KR - 12.11.2012

Int.Class G06Q 50/14 Appl.No 1020110041348 Applicant LEE, YEON HUI Inventor LEE, YEON HUI

PURPOSE: A travel bicycle assistance method is provided to find a road suitable for a bicycle and guide a route to a user in real time, thereby reducing a probability which the bicycle is broken. CONSTITUTION: Member store information is stored by receiving the member store information from a bicycle member store[S100]. Membership is approved by receiving member information of a bicycle user[S300]. Location information of the bicycle user is received[S500]. An information request signal is received from the bicycle user[S800]. The bicycle member store corresponding to the information request signal is searched[S900]. The searched member store information is transmitted to the bicycle user[S1000]. COPYRIGHT KIPO 2013 null [Reference numerals] [AA] Start; [BB] The distance between the bicycle users and the bicycle store is within a certain distance?; [CC] Finish; [S100] Bicycle road information saved; [S1000] The information on the member store information of a searched bicycle member store is transmitted to the users; [S1100] The information request signal and the bicycle user location information are transmitted to the bicycle member store; [S1200] The payment approval signal is received from the bicycle users; [S1300] The point of the bicycle user is deducted; [S1400] The bicycle user sends the payment completed signal to the bicycle member store; [S1500] Receiving the product accepted signal from the bicycle user; [S1600] The bicycle user sends money to the bicycle member store; [S200] Saving the store information; [S300] Approving the member registration for the bicycle user; [S400] Sending points to the bicycle user; [S500] Receiving the location information of the bicycle user; [S600] The bicycle road information is guided for the bicycle user; [S700] The store event information is transmitted to the bicycle user; [S800] Information request signal is received from the bicycle user; [S900] Searching the bicycle store

2. 103537063 EXERCISE BICYCLE CN - 29.01.2014

Int.Class A63B 22/06 Appl.No 201310440070.4 Applicant 浙江恒耀实业有限公司 Inventor 陈朝泉

The invention discloses an exercise bicycle. The exercise bicycle comprises a bicycle frame, a pedal device installed on the bicycle frame, a bicycle head device installed above the front portion of the bicycle frame and a seat device installed above the rear portion of the bicycle frame. The bicycle head device comprises a bicycle head tube and a bicycle head installed above the bicycle head tube. The lower end of the bicycle head tube is inserted into a bicycle head connecting tube and fixed through a bicycle head height adjusting knob. The bicycle head tube is connected with the bicycle head in a sliding mode through a bicycle head sliding base and a bicycle head sliding block, and the bicycle head tube and the bicycle head are fixed through a bicycle head adjusting handle. The seat device comprises a seat supporting tube and a seat installed above the seat supporting tube. The lower end of the seat supporting tube is inserted into a seat connecting tube and fixed through a seat height adjusting knob. The seat supporting tube is connected with the seat in a sliding mode through a seat sliding base and a seat installation base and the seat supporting tube and the seat are fixed through a seat adjusting handle. Parts of the exercise bicycle are simplified, the horizontal positions and the heights of the bicycle head device and the seat device can be conveniently adjusted, and therefore the exercise bicycle is convenient to use and comfortable.

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

1. WO2011031078 - TERMINAL FOR BICYCLE, BICYCLE ENTRY / EXIT MANAGEMENT SYSTEM USING SAME, AND BICYCLE ENTRY / EXIT MANAGEMENT METHOD

PCT Biblio. Data | Full Text | Drawings | National Phase | Notices | Documents

PermaLink | Machine translation

Publication Number
WO/2011/031078

Publication Date
17.03.2011

International Application No.
PCT/KR2010/006147

International Filing Date
09.09.2010

IPC
G06Q 50/00 2006.01 | B62H 5/00 2006.01

CPC
B62H 2003/005 | B62H 3/00 | B62H 3/04 | G07F 17/0057

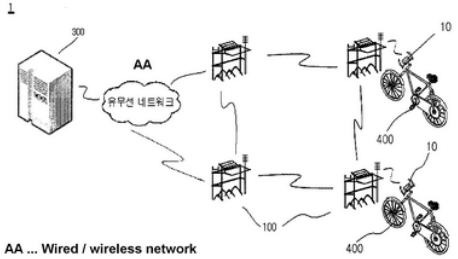
Applicants
주식회사 대흥데이타통신 DAEHUNG DATA COMMUNICATIONS CO.,LTD [KR]/[KR]
서울특별시 서대문구 연희동 133-1 | 133-1, Yeonhui-dong, Seodaemun-gu, Seoul 120-825, KR
[AllExceptUS]
정진화 CHONG, Chine Hwa [KR]/[KR] [UsOnly]
주유진 CHU, Eugene [KR]/[KR] [UsOnly]

Inventors
정진화 CHONG, Chine Hwa
주유진 CHU, Eugene

Agents
남정훈 NAM, Jung Hoon
서울특별시 구로구 구로3동 212-13
벽산3차디지털밸리 109호 | #109 Byoksan 3 Cha Digital Valley, 212-13, Guro3-dong, Guro-gu, Seoul 152-775, KR

Title
[EN] TERMINAL FOR BICYCLE, BICYCLE ENTRY / EXIT MANAGEMENT SYSTEM USING SAME, AND BICYCLE ENTRY / EXIT MANAGEMENT METHOD
[FR] TERMINAL POUR BICYCLETTE, SYSTÈME DE GESTION D'ENTRÉE/SORTIE DE BICYCLETTE UTILISANT CE DERNIER, ET PROCÉDÉ DE GESTION D'ENTRÉE/SORTIE DE BICYCLETTE
[KO] 자전거용 단말기, 이를 이용한 자전거 입출고 관리 시스템, 자전거 입출고 방법

[Fig. 1]



AA ... Wired / wireless network

Abstract
[EN]
Provided is a bicycle entry / exit management system. The system comprises: a bicycle rack which includes a wireless repeater, one or more lanes for accommodating bicycles, and fastening members formed at a main frame in a number identical to that of the lanes; a bicycle terminal which includes an exit request button for releasing the fastening member, a fastening member groove in which a locker is arranged to enable the fastening member of the bicycle rack to be coupled to the locker, and an RFID reader module for reading user identification information of a user having an RFID membership card when the user presses the exit request button and the RFID membership card contacts the RFID reader module, wherein the bicycle terminal transmits the information read by the RFID module to the wireless repeater of the bicycle rack; and a server which manages the entry / exit of the bicycle by receiving the user identification information transmitted from the bicycle terminal via the wireless repeater, receives position information transmitted from the fastening member via the wireless repeater, stores the received information, when the fastening member is coupled to the fastening member groove, matches the position information and the user identification information, and stores the matched information. The server manages, when a user has paid for a bicycle entry/exit service, information on the exit of the bicycle from one of the plurality of bicycle racks and the return of the bicycle to the bicycle rack from which the bicycle has exited, or the return of the bicycle to another bicycle rack which provides the same service. The bicycle terminal unlocks the locker from the fastening member when the exit request button is pressed, turns on a normal power mode, and turns on a minimum power mode which does not operate the RFID reader module when the fastening member is coupled to the locker.
[FR]
L'invention concerne un système de gestion d'entrée/sortie de bicyclette. À cette fin, le système comprend : un support pour bicyclette comprenant un répéteur sans fil, un ou plusieurs emplacements destinés à accueillir les bicyclettes, et des éléments de fixation formés sur une armature principale selon un nombre identique à celui des emplacements, un terminal de bicyclette comprenant un bouton de demande de sortie destiné à libérer l'élément de fixation, une rainure d'élément de fixation dans laquelle est agencé un verrou destiné à permettre à l'élément de fixation du support pour bicyclette d'être couplé au verrou, et un module de lecture d'identification par radiofréquence (RFID) destiné à lire les informations d'identification d'un utilisateur ayant une carte de membre RFID lorsque l'utilisateur presse le bouton de demande de sortie et lorsque la carte de membre RFID entre en contact avec le module de lecture RFID, le terminal de bicyclette transmettant les informations lues par le module RFID au répéteur sans fil du support pour bicyclette, et un serveur gérant l'entrée et la sortie des bicyclettes en recevant des informations d'identification d'utilisateur transmises par le terminal de bicyclettes par l'intermédiaire du répéteur sans fil, en recevant des informations de

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Feedback Goto Search Browse Tools Settings

FP:(bicycle)

104,102 results Offices all Languages all Stemming true Single Family Member false

Sort: Relevance Per page: 100 View: All+Image

1 / 1,042

Download Machine translation

Relevance
Pub Date Desc
Pub Date Asc
App Date Desc
App Date Asc

10
50
100
200

Simple
Double
All
All+Image
Image
Multi-columns

...CYCLE ASSISTANCE METH... ...G INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INFORMATION OF A BICYCLE USER KR - 12.11.2012

...e to a user in real time, thereby reducing a probability which the bicycle is broken. CONSTITUTION: Member store information is stored by ...ceiving member information of a bicycle user[S300]. Location information of the bicycle user is received[S500]. An information request ...quest signal is searched[S900]. The searched member store information is transmitted to the bicycle user[S1000]. COPYRIGHT KIPO 2013 ...in a certain distance?; [CC] Finish; [S100] Bicycle road information saved; [S1000] The information on the member store information of a ...icycle user location information are transmitted to the bicycle member store; [S1200] The payment approval signal is received from the ...ent completed signal to the bicycle member store; [S1500] Receiving the product accepted signal from the bicycle user; [S1600] The ...the member registration for the bicycle user; [S400] Sending points to the bicycle user; [S500] Receiving the location information of the ...lation is transmitted to the bicycle user; [S800] Information request signal is received from the bicycle user; [S900] Searching the bicycle

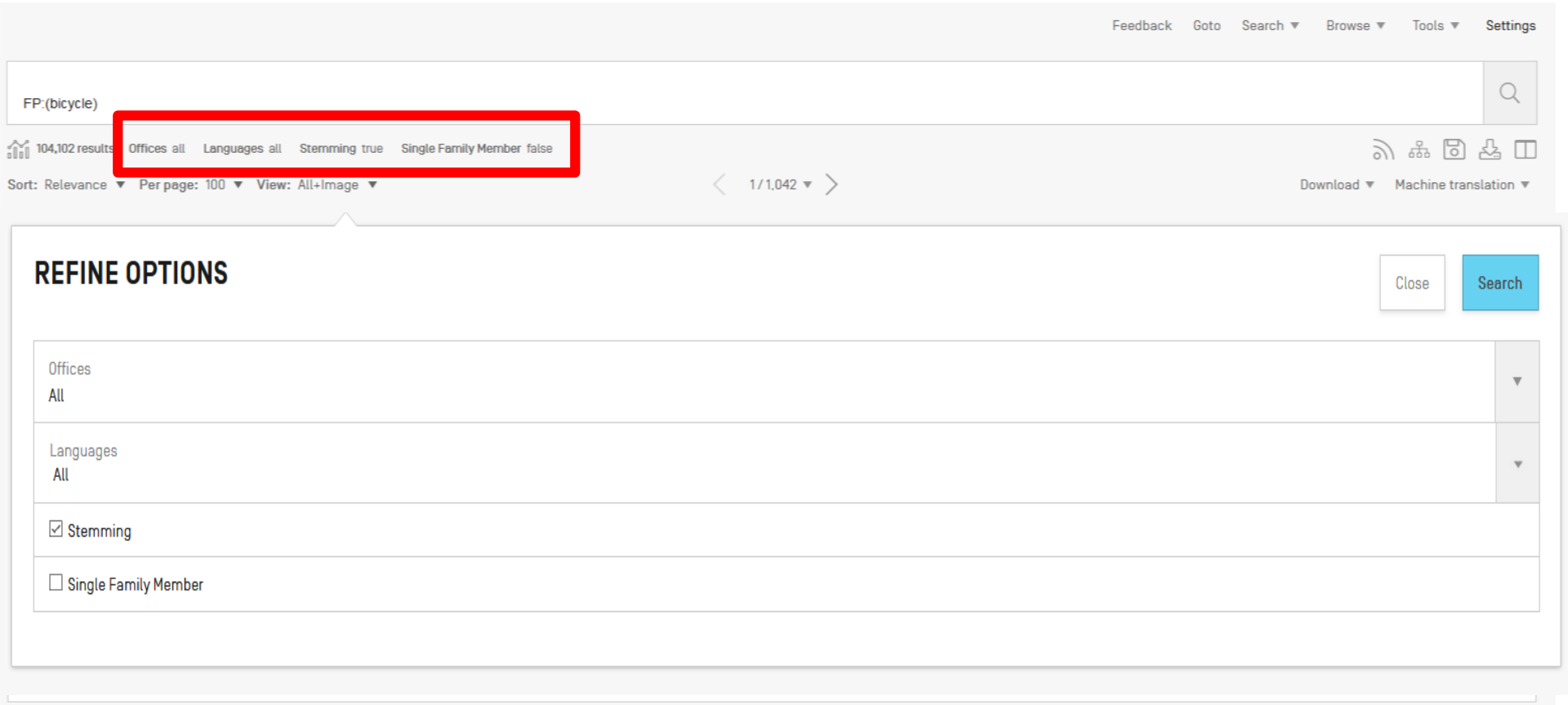
NO IMAGE AVAILABLE

2. 103537063 EXERCISE BICYCLE CN - 29.01.2014

Int.Class A63B 22/06 Appl.No 201310440070.4 Applicant 浙江恒隆实业有限公司 Inventor 陈朝泉

The invention discloses an exercise bicycle. The exercise bicycle comprises a bicycle frame, a pedal device installed on the bicycle frame, a bicycle head device installed above the front portion of the bicycle frame and a seat device installed above the rear portion of the bicycle frame. The bicycle head device comprises a bicycle head tube and a bicycle head installed above the bicycle head tube. The lower end of the bicycle head tube is inserted into a bicycle head connecting tube and fixed through a bicycle head height adjusting knob. The bicycle head tube is connected with the bicycle head in a sliding mode through a bicycle head sliding base and a bicycle head sliding block, and the bicycle head tube and the bicycle head are fixed through a bicycle head adjusting handle. The seat device comprises a seat supporting tube and a seat installed above the seat supporting tube. The lower end of the seat supporting tube is inserted into a seat connecting tube and fixed through a seat height adjusting knob. The seat supporting tube is connected with the seat in a sliding mode through a seat sliding base and a seat installation base and the seat supporting tube and the seat are fixed through a seat adjusting handle. Parts of the exercise bicycle are simplified, the horizontal positions and the heights of the bicycle head device and the seat device can be conveniently adjusted, and therefore the exercise bicycle is convenient to use and comfortable.

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Feedback Goto Search Browse Tools Settings

FP:(bicycle)

104,102 results Offices all Languages all Stemming true Single Family Member false

Sort: Relevance Per page: 100 View: All+Image 1 / 1,042

Download Machine translation

100 results
10,000 results

WIPO Translate
Google Translate

1. **1020120123795** TRAVEL BICYCLE ASSISTANCE METHOD CAPABLE OF DIRECTLY INFORMING INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INF

Int.Class G06Q 50/14 **Appl.No** 1020110041346 **Applicant** LEE, YEON HUI **Inventor** LEE, YEON HUI

PURPOSE: A travel bicycle assistance method is provided to find a road suitable for a bicycle and guide a route to a user in real time, thereby reducing a probability which the bicycle is broken. CONSTITUTION: Member store infor receiving the member store information from a bicycle member store(S100). Membership is approved by receiving member information of a bicycle user(S300). Location information of the bicycle user is received(S500). An i signal is received from the bicycle user(S800). The bicycle member store corresponding to the information request signal is searched(S900). The searched member store information is transmitted to the bicycle user(S1000). CO null [Reference numerals] [AA] Start; [BB] The distance between the bicycle users and the bicycle store is within a certain distance?; [CC] Finish; [S100] Bicycle road information saved; [S1000] The information on the member store information of a searched bicycle member store is transmitted to the users; [S1100] The information request signal and the bicycle user location information are transmitted to the bicycle member store; [S1200] The payment approval signal is received from the bicycle users; [S1300] The point of the bicycle user is deducted; [S1400] The bicycle user sends the payment completed signal to the bicycle member store; [S1500] Receiving the product accepted signal from the bicycle user; [S1600] The bicycle user sends money to the bicycle member store; [S200] Saving the store information; [S300] Approving the member registration for the bicycle user; [S400] Sending points to the bicycle user; [S500] Receiving the location information of the bicycle user; [S600] The bicycle road information is guided for the bicycle user; [S700] The store event information is transmitted to the bicycle user; [S800] Information request signal is received from the bicycle user; [S900] Searching the bicycle store

IMAGE AVAILABLE

2. **103537063** EXERCISE BICYCLE

CN - 29.01.2014

Int.Class A63B 22/06 **Appl.No** 201310440070.4 **Applicant** 浙江恒耀实业有限公司 **Inventor** 陈朝泉

The invention discloses an exercise bicycle. The exercise bicycle comprises a bicycle frame, a pedal device installed on the bicycle frame, a bicycle head device installed above the front portion of the bicycle frame and a seat device installed above the rear portion of the bicycle frame. The bicycle head device comprises a bicycle head tube and a bicycle head installed above the bicycle head tube. The lower end of the bicycle head tube is inserted into a bicycle head connecting tube and fixed through a bicycle head height adjusting knob. The bicycle head tube is connected with the bicycle head in a sliding mode through a bicycle head sliding base and a bicycle head sliding block, and the bicycle head tube and the bicycle head are fixed through a bicycle head adjusting handle. The seat device comprises a seat supporting tube and a seat installed above the seat supporting tube. The lower end of the seat supporting tube is inserted into a seat connecting tube and fixed through a seat height adjusting knob. The seat supporting tube is connected with the seat in a sliding mode through a seat sliding base and a seat installation base and the seat supporting tube and the seat are fixed through a seat adjusting handle. Parts of the exercise bicycle are simplified, the horizontal positions and the heights of the bicycle head device and the seat device can be conveniently adjusted, and therefore the exercise bicycle is convenient to use and comfortable.

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

FP:(icycle)

10 002 results Offices all Languages all Stemming true Single Family Member false

Relevance ▼ 100 ▼ All+Image ▼ Download ▼ Machine translation ▼

1 / 1,042 ▼

1. 1020120123795 TRAVEL BICYCLE ASSISTANCE METHOD CAPABLE OF DIRECTLY INFORMING INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INFORMATION OF A BICYCLE USER — KR - 12.11.2012

Int.Class G06Q 50/14 Appl.No 1020110041346 Applicant LEE, YEON HUI Inventor LEE, YEON HUI

PURPOSE: A travel bicycle assistance method is provided to find a road suitable for a bicycle and guide a route to a user in real time, thereby reducing a probability which the bicycle is broken. CONSTITUTION: Member store information is stored by receiving the member store information from a bicycle member store[S100]. Membership is approved by receiving member

NO IMAGE AVAILABLE

2. 103537063 EXERCISE BICYCLE — CN - 29.01.2014

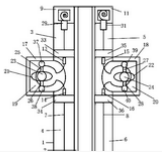
Int.Class A63B 22/06 Appl.No 201310440070.4 Applicant 浙江恒耀实业有限公司 Inventor 陈朝泉

The invention discloses an exercise bicycle. The exercise bicycle comprises a bicycle frame, a pedal device installed on the bicycle frame, a bicycle head device installed above the front portion of the bicycle frame and a seat device installed above the rear portion of the bicycle frame. The bicycle head device comprises a bicycle head tube and a bicycle head installed

3. 104760648 BICYCLE TUBE ROPE — CN - 08.07.2015

Int.Class B62K 19/40 Appl.No 201510105997.1 Applicant 天津金轮自行车集团有限公司 Inventor 杨茂秀

The invention belongs to the field of bicycle manufacturing and particularly relates to a bicycle tube rope. The bicycle tube rope comprises a bicycle tube, a reinforcing tube, a rope tube A, a rope tube B, a rope tube C, a rope tube D, a bicycle tube rope A, a bicycle tube rope B, a bicycle tube rope storage box A, a bicycle tube rope storage box B, a bicycle tube rope storage



1. KR1020120123795 - TRAVEL BICYCLE ASSISTANCE METHOD CAPABLE OF DIRECTLY INFORMING INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INFORMATION OF A BICYCLE USER

National Biblio. Data | Documents

PermaLink Machine translation ▼

Office
Republic of Korea

Application Number
1020110041346

Application Date
02.05.2011

Publication Number
1020120123795

Publication Date
12.11.2012

Publication Kind
A

IPC
G06Q 50/14 | G06Q 50/10

CPC
G06Q 30/0261 | G06Q 50/14 | G06Q 30/0619

Applicants
LEE, YEON HUI
LEE, SEUNG A
이연희
이승아

Inventors
LEE, YEON HUI
이연희

Title
(EN) TRAVEL BICYCLE ASSISTANCE METHOD CAPABLE OF DIRECTLY INFORMING INFORMATION OF A BICYCLE MEMBER STORE LOCATED IN SURROUNDINGS BASED ON LOCATION INFORMATION OF A BICYCLE USER
(KO) 자전거 여행 보조 방법

Abstract
(EN)
PURPOSE: A travel bicycle assistance method is provided to find a road suitable for a bicycle and guide a route to a user in real time, thereby reducing a probability which the bicycle is broken. CONSTITUTION: Member store information is stored by receiving the member store information from a bicycle member store[S100]. Membership is approved by receiving member information of a bicycle user[S300]. Location information of the bicycle user is received[S500]. An information request signal is received from the bicycle user[S800]. The bicycle member store corresponding to the information request signal is searched[S900]. The searched member store information is transmitted to the bicycle user[S1000]. COPYRIGHT KIPO 2013 null [Reference numerals] [AA] Start; [BB] The distance between the bicycle users and the bicycle store is within a certain distance?; [CC] Finish; [S100] Bicycle road information saved; [S1000] The information on the member store information of a searched bicycle member store is transmitted to the users; [S1100] The information request signal and the bicycle user location information are transmitted to the bicycle member store; [S1200] The payment approval signal is received from the bicycle users; [S1300] The point of the bicycle user is deducted; [S1400] The bicycle user sends the payment completed signal to the bicycle member store; [S1500] Receiving the product accepted signal from the bicycle user; [S1600] The bicycle user sends money to the bicycle member store; [S200] Saving the store information; [S300] Approving the member registration for the bicycle user; [S400] Sending points to the bicycle user; [S500] Receiving the location information of the bicycle user; [S600] The bicycle road information is guided for the bicycle user; [S700] The store event information is transmitted to the bicycle user; [S800] Information request signal is received from the bicycle user; [S900] Searching the bicycle store

(KO)
본 발명은 자전거 여행 보조 방법에 관한 것으로서, 보다 구체적으로는 서비스 제공 서버가, (1) 자전거 가맹점으로부터 가맹점 정보를 수신하여 저장하는 단계; (2) 자전거 사용자의 회원 정보를 수신하여 회원 가입을 승인하는 단계; (3) 상기 자전거 사용자의 위치 정보를 수신하는 단계; (4) 상기 자전거 사용자로부터 정보 요청 신호를 수신하는 단계; (5) 상기 정보 요청 신호에 대응되는 상기 자전거 가맹점을 검색하는 단계; (6) 검색된 상기 자전거 가맹점의 가맹점 정보를 상기 자전거 사용자에게 전송하

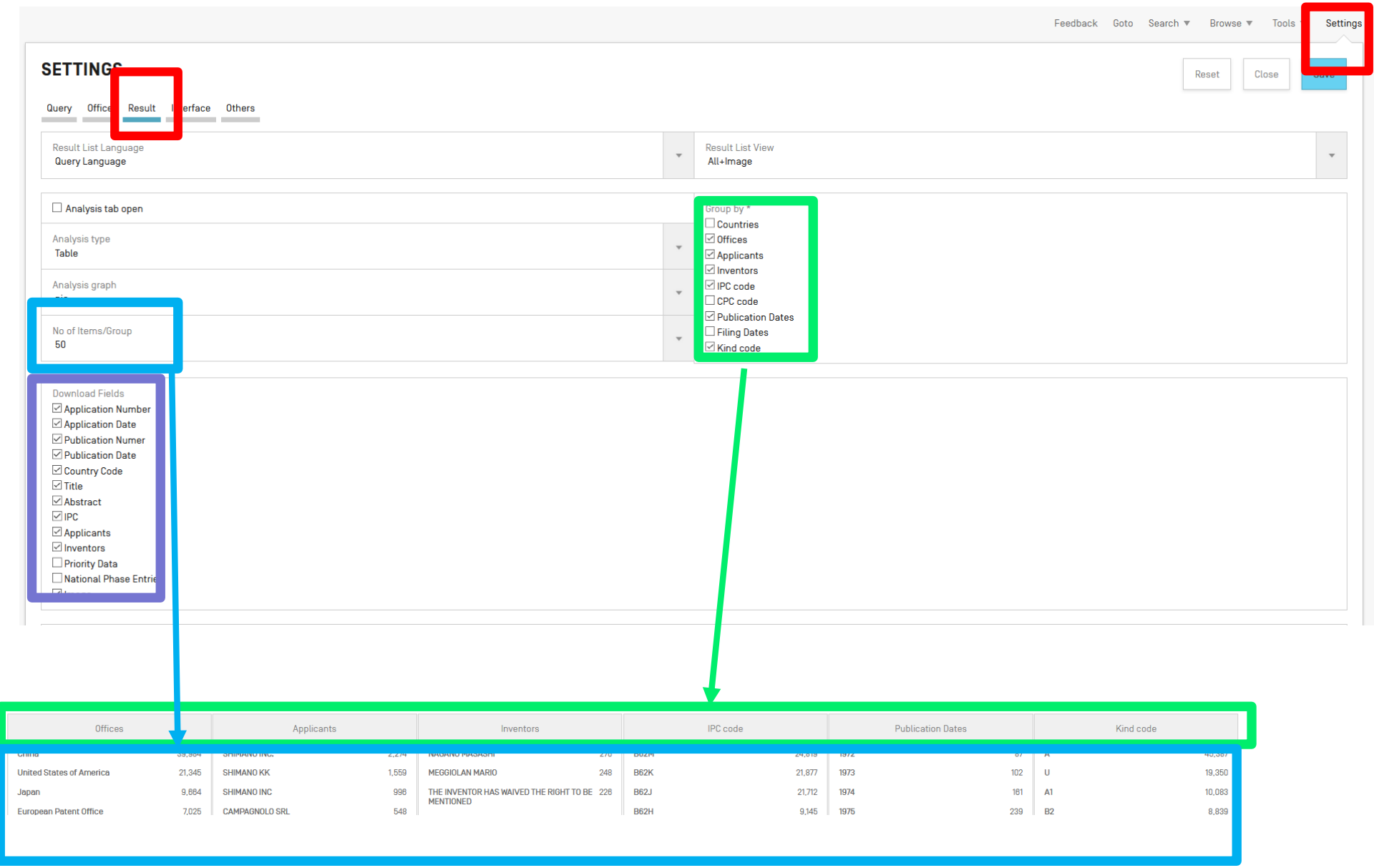
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

ANALYSIS

Close

Filters Charts Timeseries

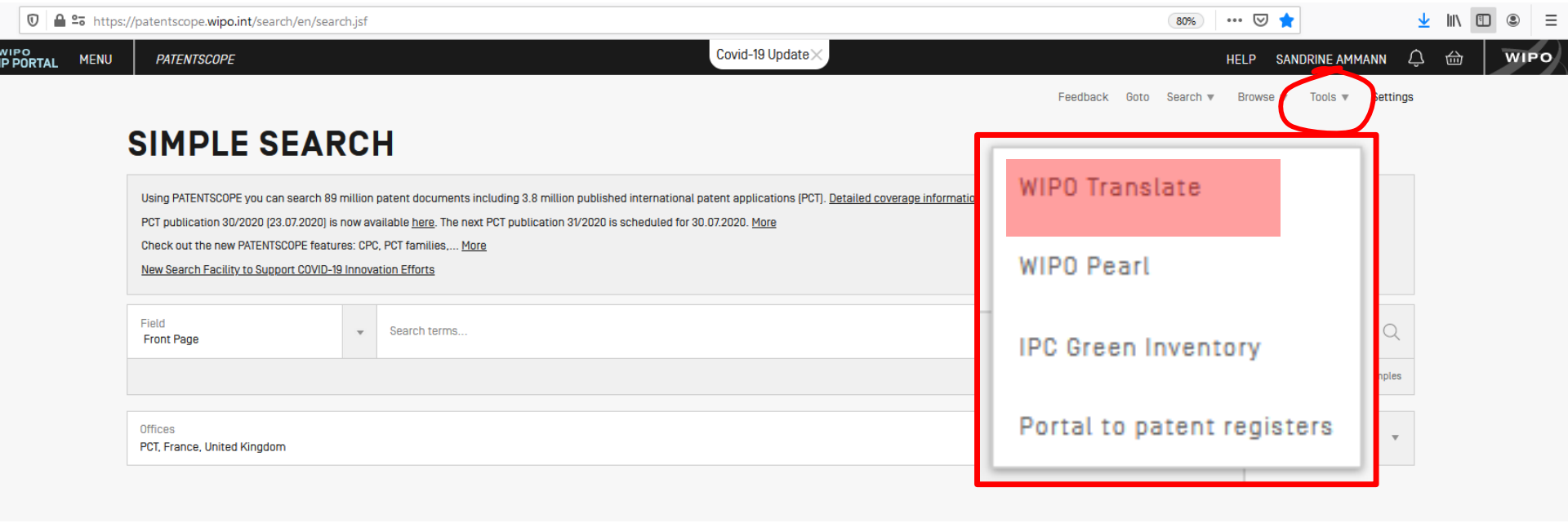
Offices		Applicants		Inventors		IPC code		Publication Dates		Kind code	
China	39,984	SHIMANO INC.	2,274	NAGANO MASASHI	276	B62M	24,819	1972	87	A	45,387
United States of America	21,345	SHIMANO KK	1,559	MEGGIOLAN MARIO	248	B62K	21,877	1973	102	U	19,350
Japan	9,664	SHIMANO INC	996	THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED	226	B62J	21,712	1974	161	A1	10,083
European Patent Office	7,025	CAMPAGNOLO SRL	548	YANG MAOXIU	201	B62H	9,145	1975	239	B2	8,839
Republic of Korea	5,006	SHIMANO, INC.	498	FUJII KAZUHIRO	196	B62L	4,153	1976	270	B1	8,488
PCT	4,995	HONDA MOTOR CO LTD	450	KITAMURA SATOSHI	136	A63B	4,028	1977	275	B	5,091
United Kingdom	4,641	CAMPAGNOLO S.R.L.	437	DAL PRA GIUSEPPE	135	B60B	3,624	1978	235	C	1,942
Germany	4,172	YAMAHA MOTOR CO LTD	400	WATARAI ETSUYOSHI	135	F16H	2,880	1979	260	U1	843
Canada	2,676	SPECIALIZED BICYCLE COMPONENTS, INC.	396	KAWAKAMI TATSUYA	130	E04H	2,814	1980	284	C2	816
France	1,849	BRIDGESTONE CYCLE CO	338	YAMANAKA MASAHIRO	130	B60R	2,681	1981	328	A3	672
Australia	1,845	CAMPAGNOLO SPA	280	OKAJIMA SHINPEI	121	E05B	2,233	1982	346	C1	520
India	694	MATSUSHITA ELECTRIC IND CO LTD	236	ZHANG LEI	117	F16D	1,665	1983	392	A4	453
Netherlands	607	SANYO ELECTRIC CO LTD	234	KANEHISA TAKANORI	115	B60L	1,625	1984	385	T3	313
Russian Federation	590	SRAM, LLC	210	ICHIDA TADASHI	111	H02J	1,618	1985	352	B4	308
Italy	302	SRAM DE GMBH	198	LI YONG	109	G06Q	1,335	1986	390	A2	217
Russian Federation[USSR data]	298	SHIMANO INDUSTRIAL COMPANY LIMITED	194	PANG MINGFANG	106	H02K	1,300	1987	368	A5	187
Denmark	285	SRAM DEUTSCHLAND GMBH	159	SHAHANA SATOSHI	106	B60C	1,291	1988	402	B3	159
New Zealand	259	SRAM LLC	158	TETSUKA TOSHIO	104	G07F	1,086	1989	499	E	110
Czech Republic	241	TREK BICYCLE CORPORATION	152	YANG LEI	100	F16C	1,053	1990	564	B6	109



Offices		Applicants		Inventors		IPC code		Publication Dates		Kind code	
China	39,384	SHIMANO INC.	2,214	NAGANO MASASHI	270	B62M	24,819	1972	87	A	45,387
United States of America	21,345	SHIMANO KK	1,559	MEGGIOLAN MARIO	248	B62K	21,877	1973	102	U	19,350
Japan	9,664	SHIMANO INC	998	THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED	226	B62J	21,712	1974	161	A1	10,083
European Patent Office	7,025	CAMPAGNOLO SRL	548			B62H	9,145	1975	239	B2	8,839

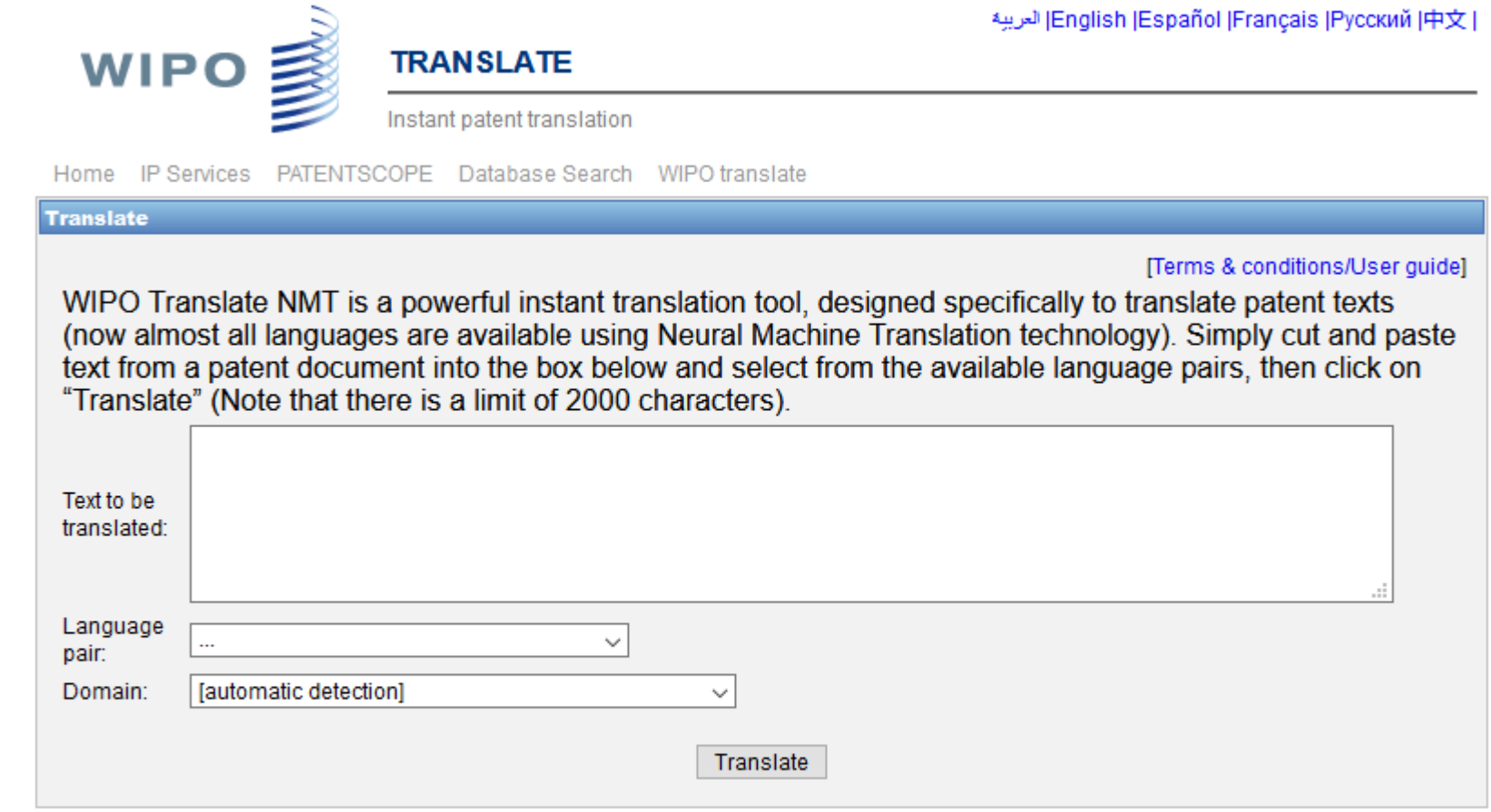
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Tools



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

WIPO Translate



Translate

[Terms & conditions/User guide]

WIPO Translate NMT is a powerful instant translation tool, designed specifically to translate patent texts (now almost all languages are available using Neural Machine Translation technology). Simply cut and paste text from a patent document into the box below and select from the available language pairs, then click on "Translate" (Note that there is a limit of 2000 characters).

Text to be translated:

面的若干个挂杆，夹环的两侧均安装有悬挂装置，限位垫的一端安装有弹簧，上固定杆的一端设置有第一卡杆，下固定杆的一端设置有第二卡杆，该线束KIT车，第一卡杆和第二卡杆卡紧，并将挂环固定在悬挂杆整体内部，而悬挂杆设置在夹环的两侧进而使得布线人员能够在车体两侧进行组装工作，减少布线人员的走动，从而提高工作效率，安装板和凹槽为垂直状态，安装板卡在凹槽表面，线束能够从钩槽处取出，安装板与凹槽平行状态时，安装板卡入凹槽内部，使得钩槽卡在凹槽内，能够将线束固定在挂钩内，便于对线束的取拿与放置。

Language pair: Chinese->English (Neural MT)

Domain: AUTO-Automotive & Road Vehicle Engineering

Translate

This automatic translation is provided for information only, it may contain discrepancies or mistakes and does not have any juridical value.

- *Please hover your mouse over parallel segments of text*
- *Click to view other proposals*
- *Select words or phrases on the left to access other translation proposals*

本实用新型涉及机械技术领域，尤其为一种线束kit车，包括车体,安装在车体底部的脚轮以及安装在车体外表面的若干个挂杆，夹环的两侧均安装有悬挂装置,限位垫的一端安装有弹簧，上固定杆的一端设置有第一卡杆，下固定杆的一端设置有第二卡杆,该线束kit车，第一卡杆和第二卡杆卡紧，并将挂环固定在悬挂杆整体内部,而悬挂杆设置在夹环的两侧进而使得布线人员能够在车体两侧进行组装工作,减少布线人员的走动，从而提高工作效率，安装板和凹槽为垂直状态，安装板卡在凹槽表面,线束能够从钩槽处取出，安装板与凹槽平行状态时，安装板卡入凹槽内部,使得钩槽卡在凹槽内，能够将线束固定在挂钩内，便于对线束的取拿与放置。	the invention relates to the technical field of machinery, in particular to a wire harness kit vehicle which comprises a vehicle body, a foot wheel installed at the bottom of the car body, and a plurality of hanging rods arranged on the outer surface of the car body; the two sides of the clamping ring are respectively provided with a suspension device, a spring is arranged at one end of the limiting pad, a first clamping rod is arranged at one end of the upper fixing rod, and a second clamping rod is arranged at one end of the lower fixing rod, the wire harness kit vehicle, the first clamping rod and the second clamping rod are clamped, and the hanging ring is fixed in the whole suspension rod, and the suspension rods are arranged on the two sides of the clamp ring, so that the wiring personnel can assemble and work on the two sides of the vehicle body., the walking of wiring personnel is reduced, so that the working efficiency is improved, the mounting plate and the groove are in a vertical state, and the mounting plate is clamped on the surface of the groove, the wire harness can be taken out from the hook groove, and when the mounting plate is parallel to the groove, the mounting plate is clamped into the groove, so that the hook groove is clamped in the groove, the wire harness can be fixed in the hook, and the wire harness can be taken and placed conveniently.

Edit translation

本实用新型涉及机械技术领域，尤其为一种线束kit车，包括车体,安装在车体底部的脚轮以及安装在车体外表面的若干个挂杆，夹环的两侧均安装有悬挂装置,限位垫的一端安装有弹簧，上固定杆的一端设置有第一卡杆，下固定杆的一端设置有第二卡杆,该线束kit车，第一卡杆和第二卡杆卡紧，并将挂环固定在悬挂杆整体内部,而悬挂杆设置在夹环的两侧进而使得布线人员能够在车体两侧进行组装工作,减少布线人员的走动，从而提高工作效率，安装板和凹槽为垂直状态，安装板卡在凹槽表面,线束能够从钩槽处取出，安装板与凹槽平行状态时，安装板卡入凹槽内部,使得钩槽卡在凹槽内，能够将线束固定在挂钩内，便于对线束的取拿与放置。

the invention relates to the technical field of machinery, in particular to a wire harness kit vehicle which comprises a vehicle body, a foot wheel installed at the bottom of the car body, and a plurality of hanging rods arranged on the outer surface of the car body; the two sides of the clamping ring are respectively provided with a suspension device, a spring is arranged at one end of the limiting pad, a first clamping rod is arranged at one end of the upper fixing rod, and a second clamping rod is arranged at one end of the lower fixing rod, the wire harness kit vehicle, the first clamping rod and the second clamping rod are clamped, and the hanging ring is fixed in the whole suspension rod, and the suspension rods are arranged on the two sides of the clamp ring, so that the wiring personnel can assemble and work on the two sides of the vehicle body., the walking of wiring personnel is reduced, so that the working efficiency is improved, the mounting plate and the groove are in a vertical state, and the mounting plate is clamped on the surface of the groove, the wire harness can be taken out from the

Edit translation

⇓*Choose among proposals, or edit the text*

the walking of wiring personnel is reduced, so that the working efficiency is improved, the mounting plate and the groove are in a vertical

Ok

the walking of wiring personnel is reduced , so that the working efficiency is improved , the mounting plate and the groove are in a vertical state , and the mounting plate is clamped on the surface of the groove

the walking of wiring personnel is reduced, **and therefore the working efficiency is improved;** the mounting plate and the groove are in a vertical state, and the mounting plate is clamped on the surface of the groove

the walking of wiring personnel is reduced, so that the working efficiency is improved, the mounting plate and the groove are in **the** vertical state, and the mounting plate is clamped on the surface of the groove

the walking of wiring personnel is reduced**, t**he working efficiency is improved, the mounting plate and the groove are in a vertical state, and the mounting plate is clamped on the surface of the groove

the walking of wiring personnel is reduced, **and therefore the working efficiency is improved; the mounting plate and the groove are in the** vertical state, and the mounting plate is clamped on the surface of the groove

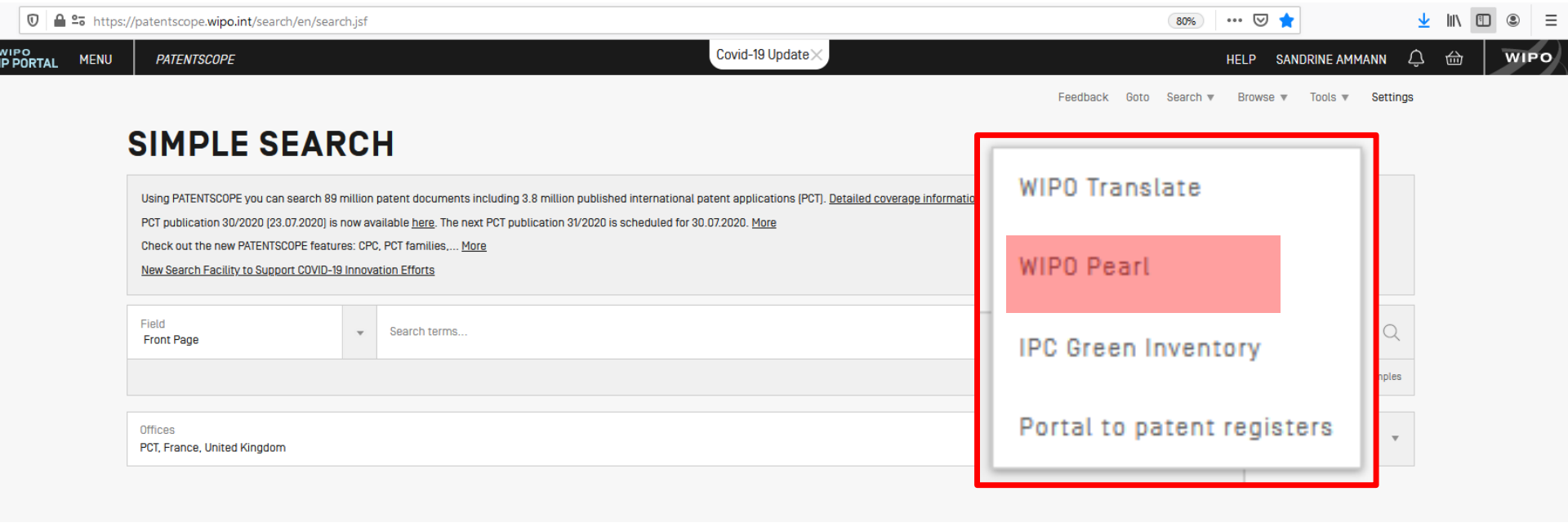
and therefore the working efficiency is improved; the mounting plate and the groove are in a vertical state, and the mounting plate is clamped on the surface of the groove

and the walking of wiring personnel is reduced, so that the working efficiency is improved, the mounting plate and the groove are in a vertical state, and the mounting plate is clamped on the surface of the groove

ated links

- WIPO Translate: Cutting-Edge Translation Tool For Patent Docume
- Interested in your own version of WIPO Translate? Find out more

WIPO Pearl



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

LINGUISTIC SEARCH CONCEPT MAP SEARCH COVID-19 GLOSSARY

bicycle

Search options | Reset

9 HITS for bicycle Filters

Source language All	Target language All	Subject field All

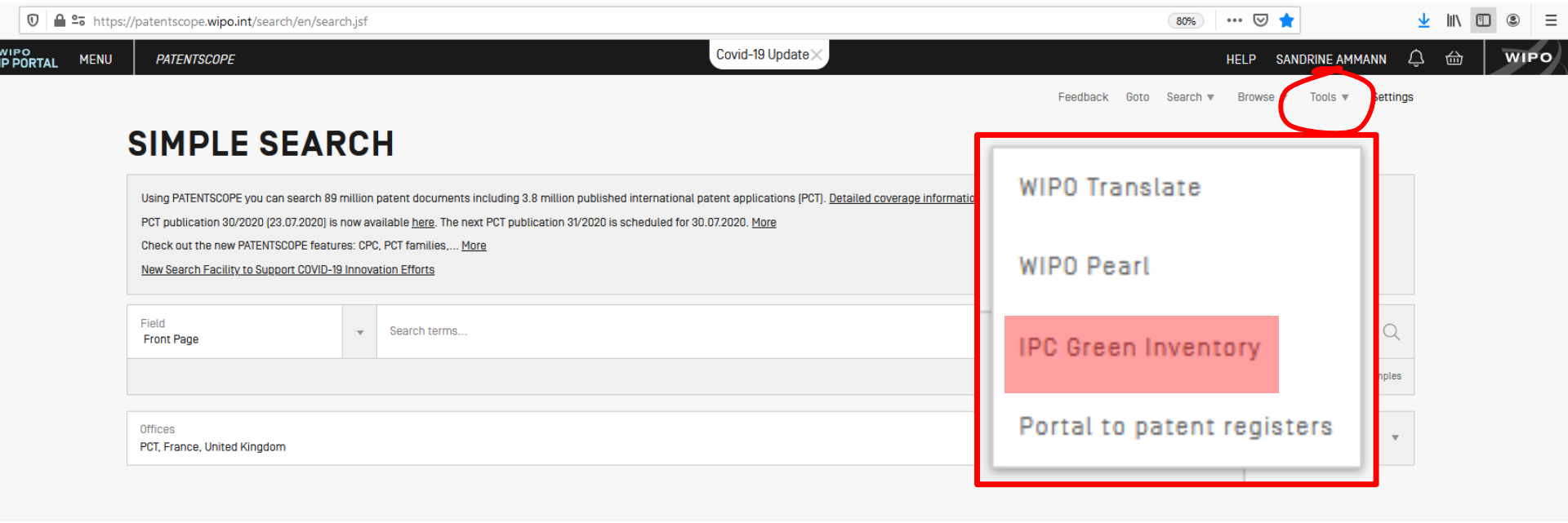
Terms bicycle (ROAD), bicycle fork (ROAD), fourche de bicyclette (ROAD), bicycle model (ROAD), modèle bicyclette (ROAD)...

ROAD / CYCLES & NON-POWERED VEHICLES Show full record

AR › دراجة	Reliability 3 / 4	•••
› دراجة هوائية	Reliability 3 / 4	•••
DE › Fahrrad	Reliability 3 / 4	•••
EN › **bicycle**	Reliability 3 / 4	•••
FR › vélo	Reliability 3 / 4	•••
JA › 自転車[じてんしゃ]	Reliability 3 / 4	•••
ZH › 自行车[zìxíngchē]	Reliability 3 / 4	•••

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

IPC Green Inventory



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

IPC Green Inventory

The "IPC Green Inventory", developed by the IPC Committee of Experts, facilitates searches for patent information relating to Environmentally Sound Technologies (ESTs), as listed by the United Nations Framework Convention on Climate Change (UNFCCC).

ESTs are currently scattered widely across the IPC in numerous technical fields. The Inventory attempts to collect them in one place.

Warning - the Inventory does not purport to be fully exhaustive in its coverage.

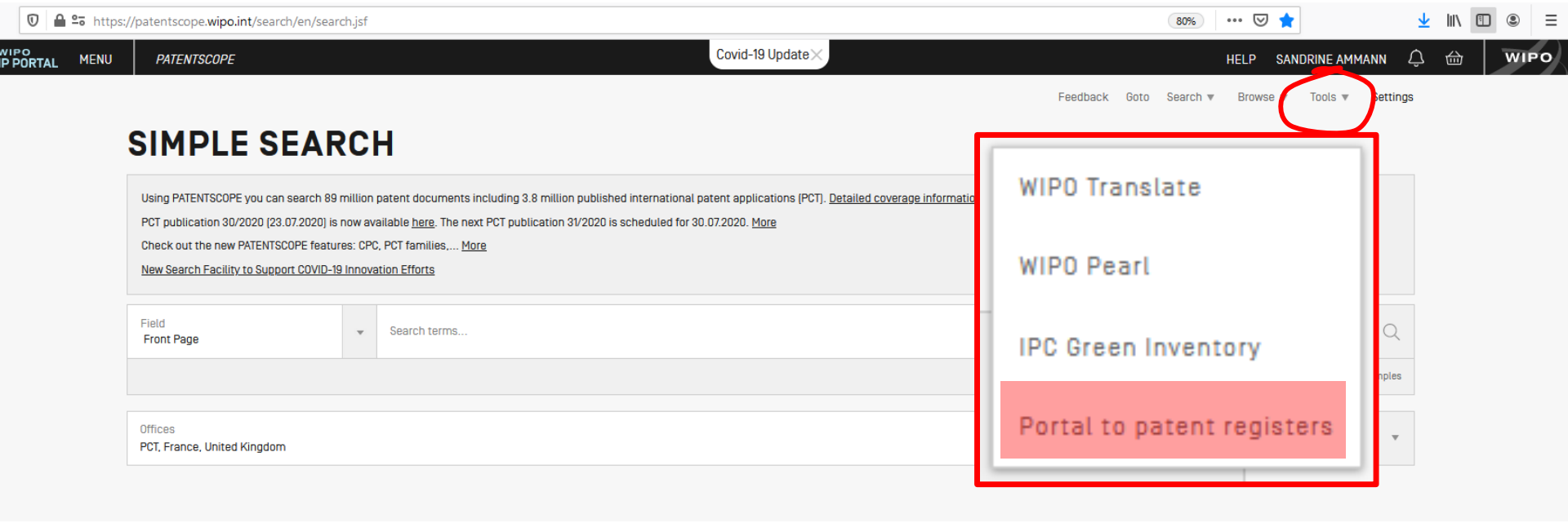
Tips!

- The ESTs are presented in a hierarchical structure. Click on the ▸ sign to open the hierarchy.
- The links in the "IPC" column will take you to the corresponding place in the scheme.
- The links in the PATENTSCOPE column let you automatically search and display all international patent applications available through PATENTSCOPE which are classified in the relevant IPC place. Note: search results may include irrelevant results not relating to the EST.

▸ More tips

TOPIC	IPC	PATENTSCOPE
◂ **ALTERNATIVE ENERGY PRODUCTION**		
▸ Bio-fuels		
Integrated gasification combined cycle (IGCC)	C10L 3/00 F02C 3/28	C10L 3/00 F02C 3/28
▸ Fuel cells	H01M 4/86-4/98, 8/00-8/24, 12/00-12/08	H01M 4/86-4/98, 8/00-8/24, 12/00-12/08
Pyrolysis or gasification of biomass	C10B 53/00 C10J	C10B 53/00 C10J

Patent Register Portal

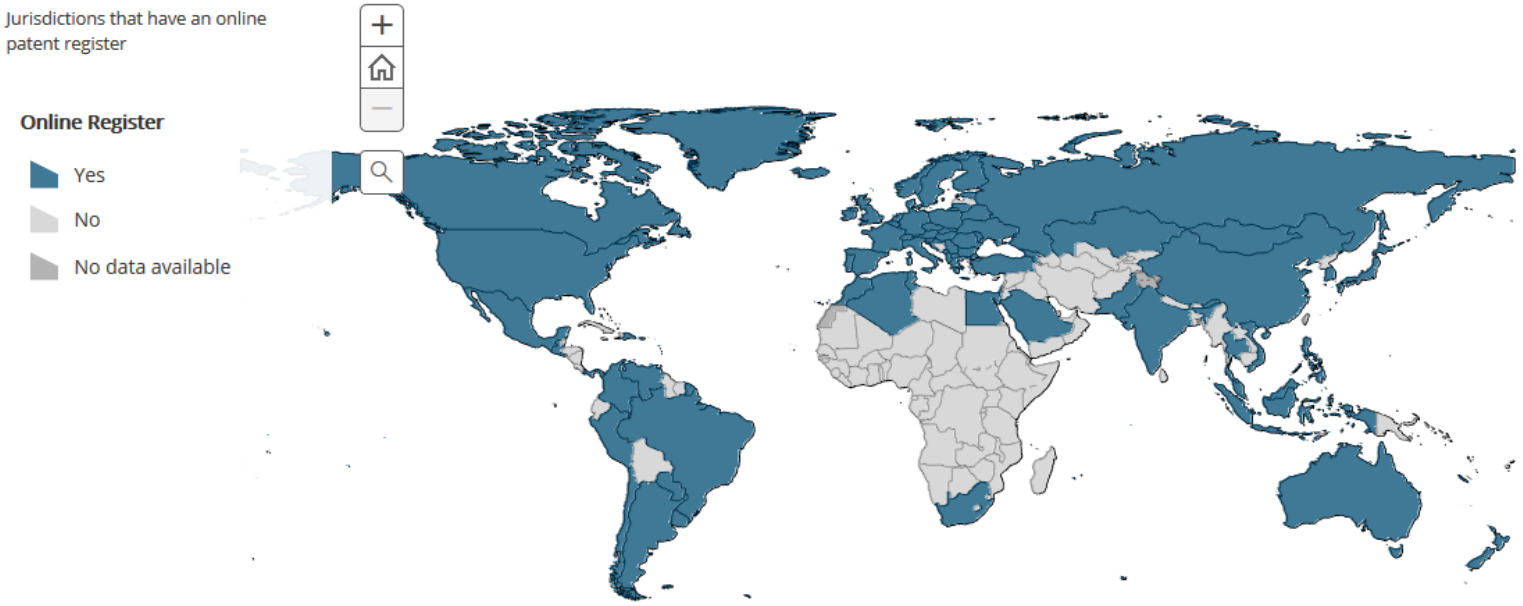


WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Map view | Map view with filters | Table overview | Detailed jurisdiction files

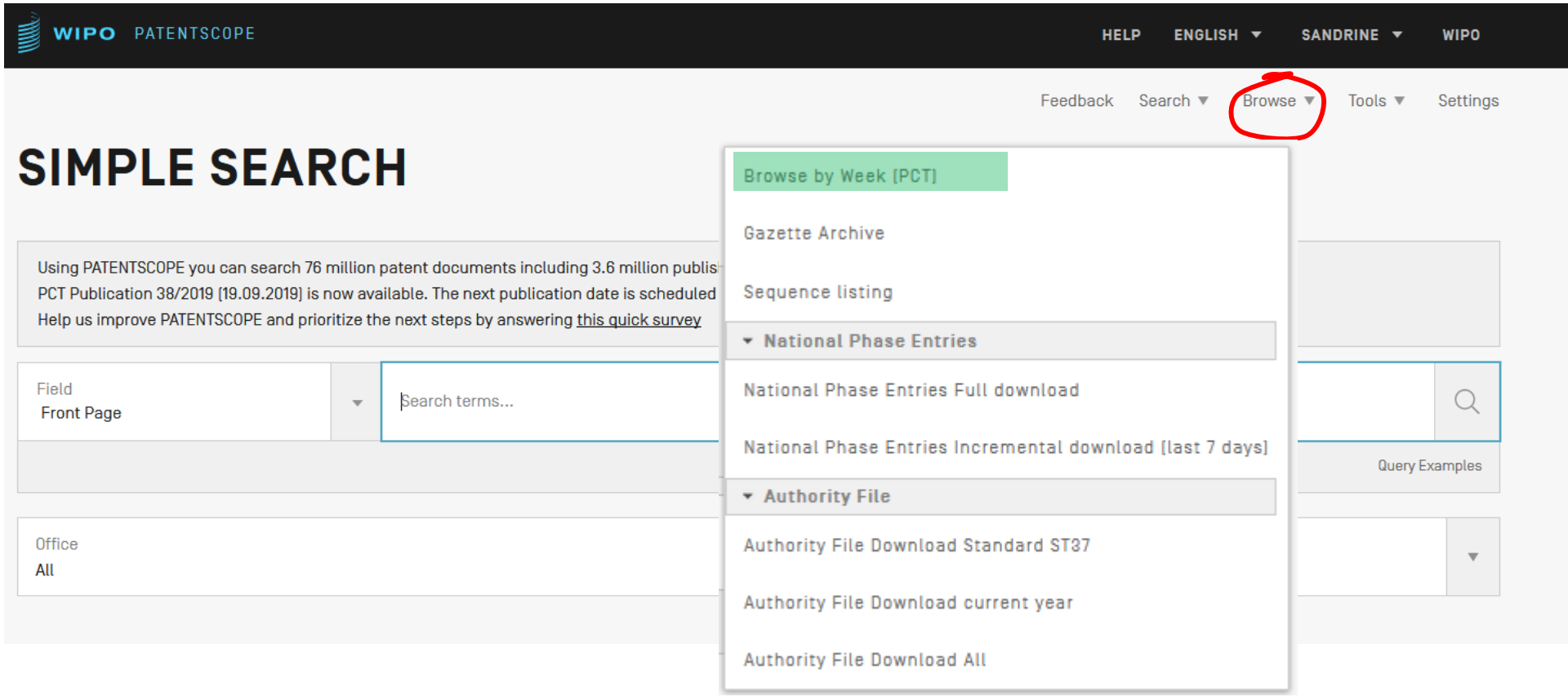
Online Register | Online Gazette | English Interface | PCT Application/Publication Number | Inventor/Applicant Name | Priority Data | Fee Payment

Jurisdictions that have an online patent register

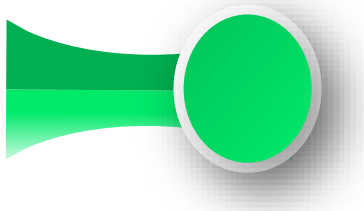


WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Browse



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



Browse

BROWSE BY WEEK (PCT)

Gazette
38/2019 [19.09.2019]

Excel Download | IPC Statistics

Results 1 - 200 of 4912 1 2 3 4 5 6 7 8 9 10

Title	Kind	Appl.No	IPC	Applicant
1. WO/2019/174287 SLAG RESIDUAL HEAT UTILIZATION DEVICE AND MOLTEN SLAG GRANULATION METHOD	Initial Publication with ISR[A1]	CN2018/1151...	F27D 17/00	NANJING YOU RONG ENERGY-SAVING TECHNOLOGY CO., LTD
2. WO/2019/174288 TOUCH PANEL, PRESSURE TOUCH DETECTION METHOD THEREFOR, AND TOUCH DEVICE	Initial Publication with ISR[A1]	CN2018/1154...	G06F 3/041	BOE TECHNOLOGY GROUP CO., LTD.
3. WO/2019/174290 ARRAY SUBSTRATE AND MANUFACTURING METHOD THEREFOR, AND DISPLAY DEVICE	Initial Publication with ISR[A1]	CN2018/1157...	H01L 27/32	BOE TECHNOLOGY GROUP CO., LTD.
4. WO/2019/174291 CONTROL METHOD FOR PORTABLE READ-WRITE PEN AND PORTABLE READ-WRITE PEN	Initial Publication with ISR[A1]	CN2018/1159...	G06F 3/033	MPEN TECHNOLOGY (SHENZHEN) CO., LTD.
5. WO/2019/174292 PRINT, AND PRODUCTION METHOD AND PRODUCTION SYSTEM FOR TOUCH-AND-TALK CONTENT OF PRINT	Initial Publication with ISR[A1]	CN2018/1159...	G09B 5/06	MPEN TECHNOLOGY (SHENZHEN) CO., LTD

Browse IPC Statistics

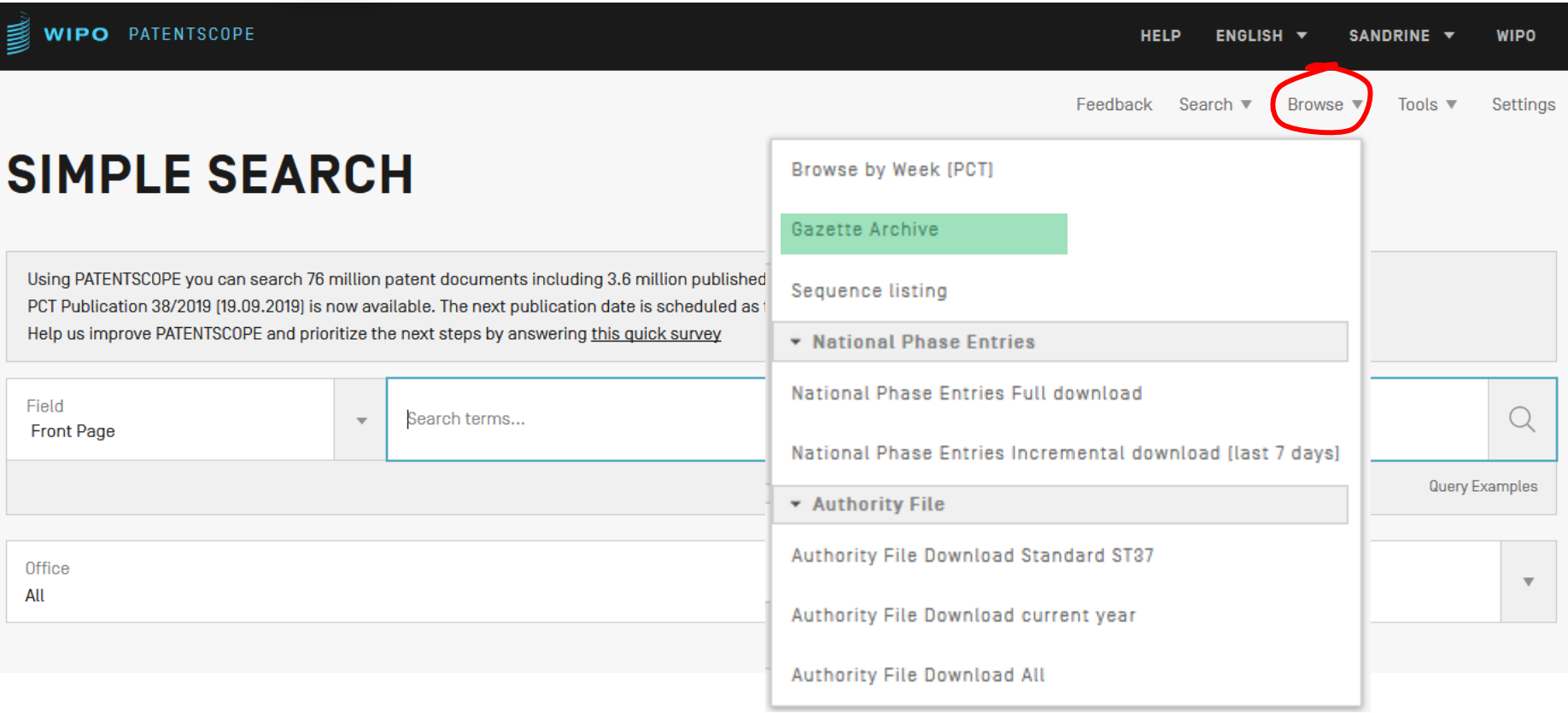
IPC STATISTICS

Columns

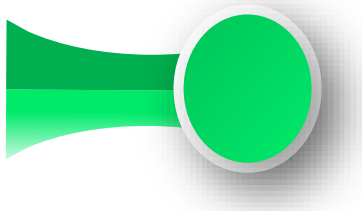
1 2 3 4 5 6 7 8 9 10

Chart	IPC Code	12.12.2019	19.12.2019	26.12.2019	02.01.2020	09.01.2020	Σ Last 5 gazettes	Δ Last gazette	Breakout
☐	A61P 35/00	62	53	78	63	44	300	-19	-20.00
☐	H04N 19/176	28	8	23	40	42	141	+2	+17.25
☐	G06K 9/00	62	34	32	42	37	207	-5	-5.50
☐	H04W 72/04	17	26	50	50	35	178	-15	-.75
☐	H04L 29/06	48	33	49	101	33	264	-68	-24.75
☐	H04N 19/70	18	5	5	29	31	88	+2	+16.75
☐	A24F 47/00	15	22	21	30	28	116	-2	+6.00

Browse



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



Browse

PCT PUBLICATIONS - GAZETTES ARCHIVE

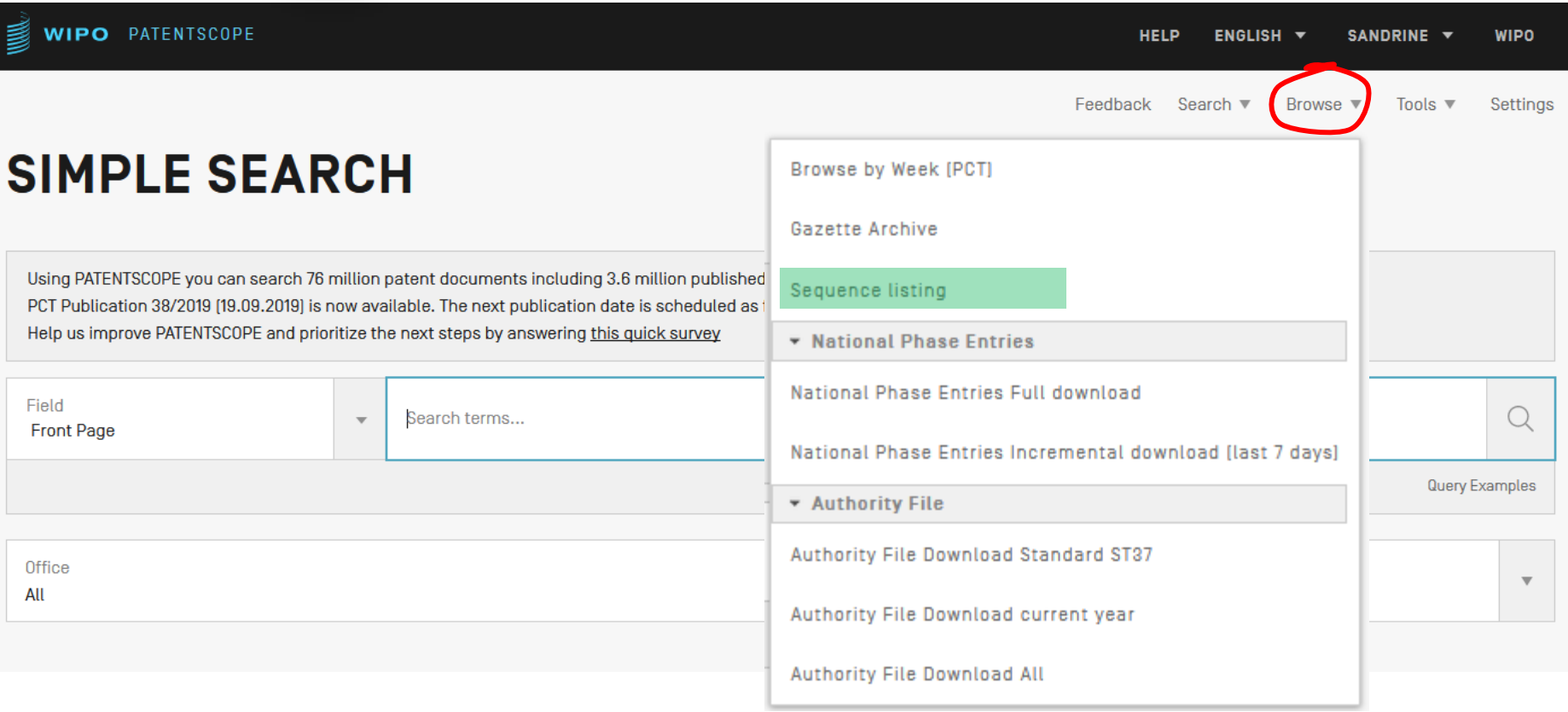
Year
2020

Download current year | Download All

Download	Publication Date	Count	
01/2020	02.01.2020	6,758	View
02/2020	09.01.2020	3,962	View

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Browse



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

SEARCH SEQUENCE LISTINGS

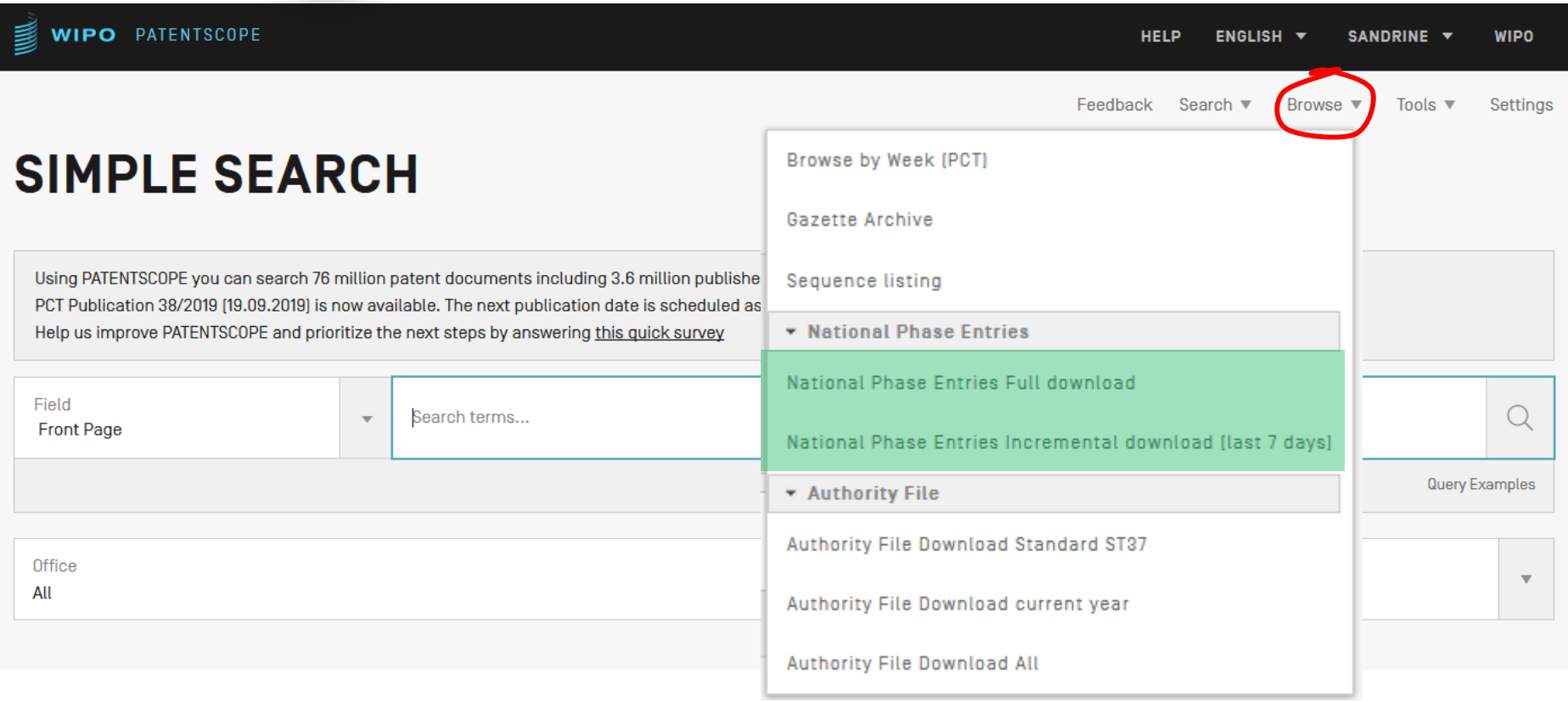
This data is also available for bulk download via anonymous ftp from ftp://ftp.wipo.int/pub/published_pct_sequences/publication/

Published Nucleotide and/or Amino Acid Sequence Listings Contained in Published PCT Applications [WinZIP 8.0]

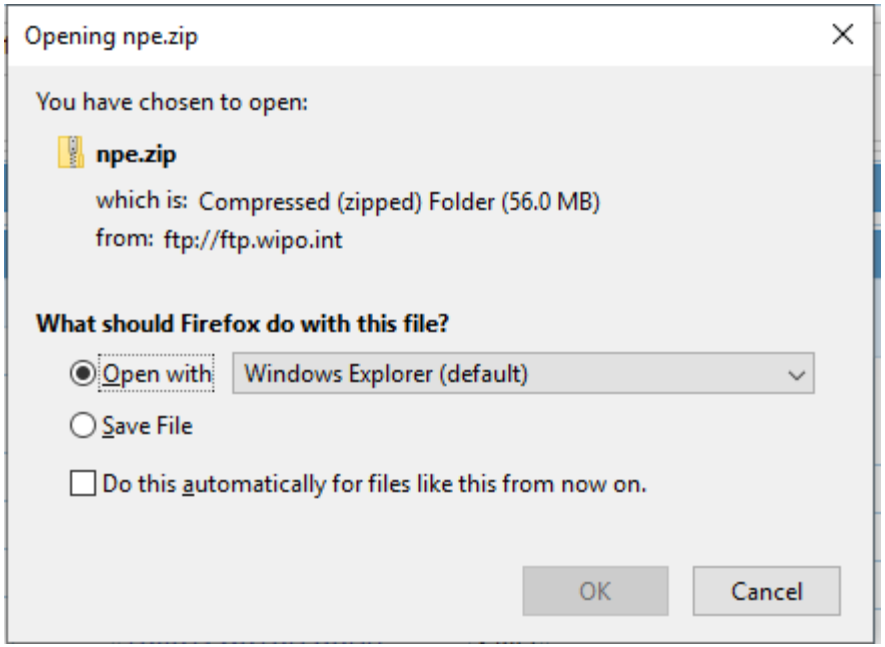
Year: 2020 ▼ **Publication Date:** 09.01.2020 ▼

WO Number	Compressed Size	Download	Applicant
WO/2020/006617	1 KBs	SL1.zip	BIOZEUS DESENVOLVIMENTO DE PRODUTOS BIOFARMACÊUTICOS
WO/2020/006630	15 KBs	SL1.zip	UNIVERSITÉ LAVAL
WO/2020/006663	1297 KBs	SL1.zip	GRAPE KING BIO LTD.
WO/2020/006663	1297 KBs	SL2.zip	GRAPE KING BIO LTD.
WO/2020/006675	1 KBs	SL1.zip	TSINGHUA UNIVERSITY
WO/2020/006787	1 KBs	SL1.zip	ZHEJIANG UNIVERSITY

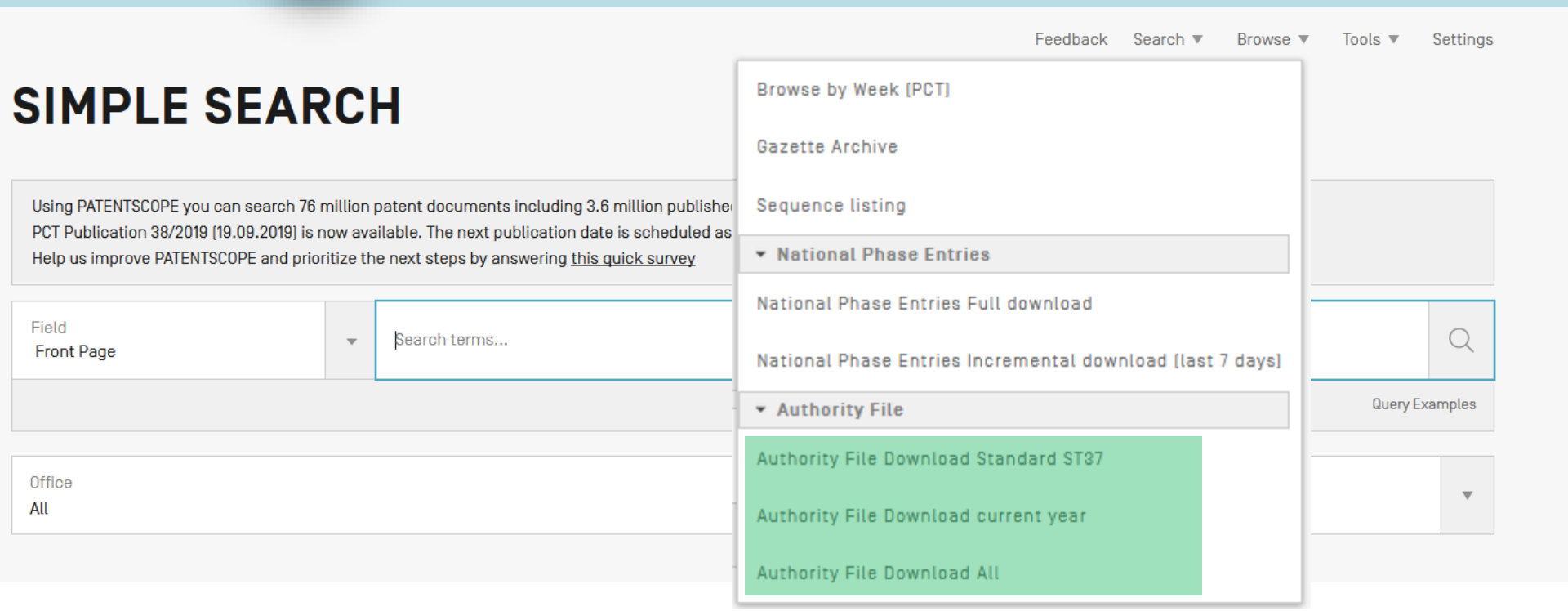
Browse



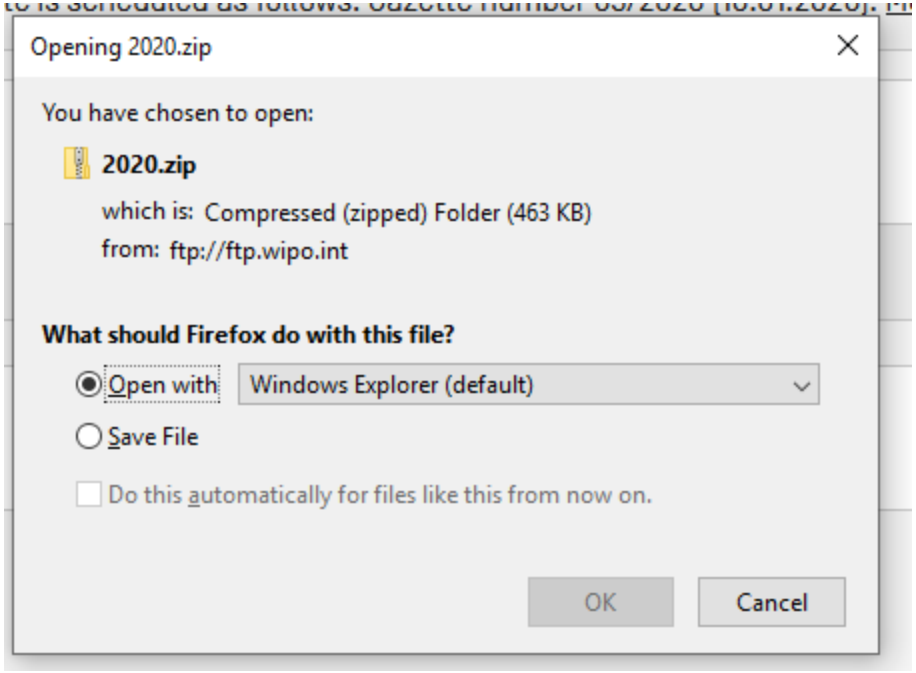
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION


Opening npe.zip
You have chosen to open:
npe.zip
which is: Compressed (zipped) Folder (56.0 MB)
from: ftp://ftp.wipo.int
What should Firefox do with this file?
Open with
Windows Explorer (default)
Save File
Do this automatically for files like this from now on.
OK
Cancel

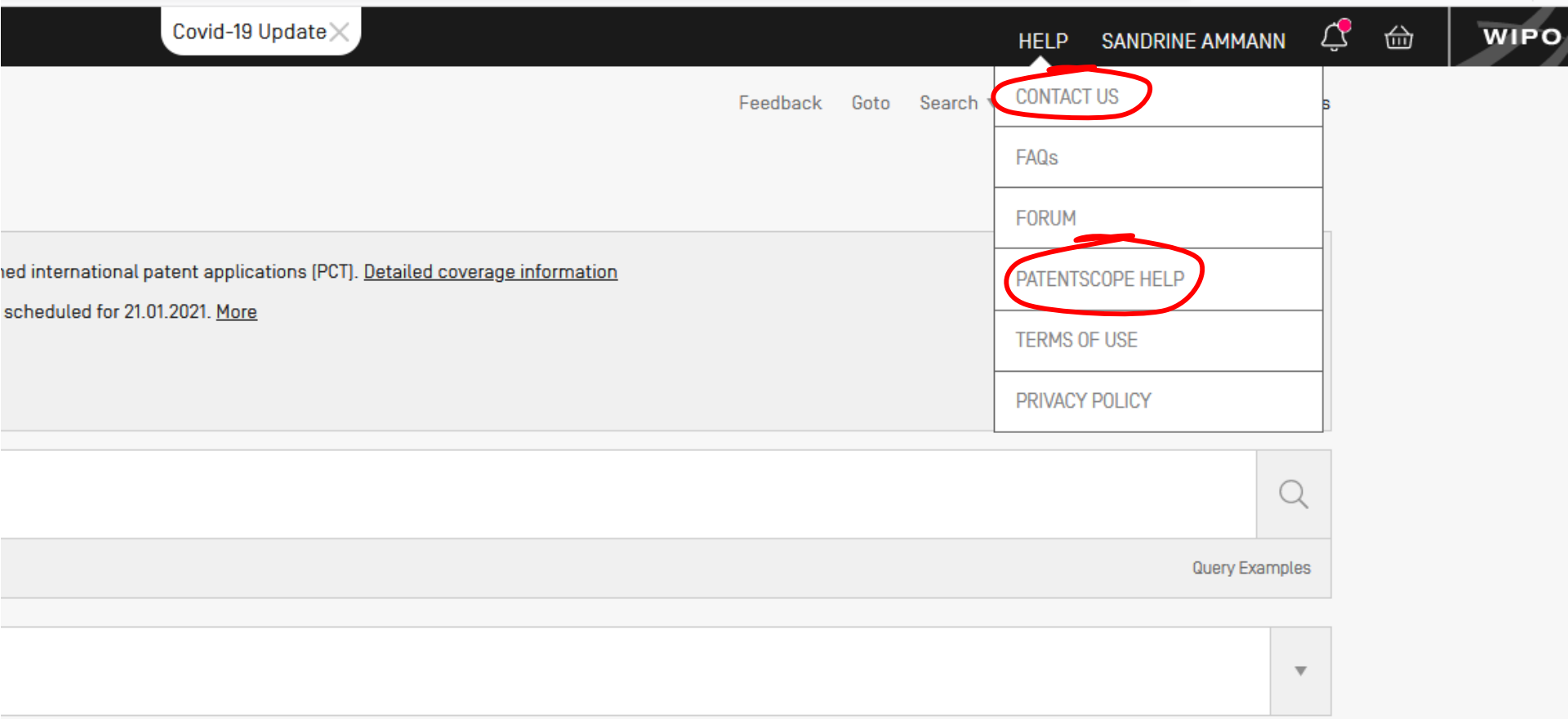
Browse



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION


Opening 2020.zip
You have chosen to open:
2020.zip
which is: Compressed (zipped) Folder (463 KB)
from: ftp://ftp.wipo.int
What should Firefox do with this file?
Open with
Windows Explorer (default)
Save File
Do this automatically for files like this from now on.
OK
Cancel

Content


Covid-19 Update
HELP
SANDRINE AMMANN
WIPO
Feedback
Goto
Search
CONTACT US
FAQs
FORUM
PATENTSCOPE HELP
TERMS OF USE
PRIVACY POLICY
ed international patent applications (PCT). Detailed coverage information
scheduled for 21.01.2021. More
Query Examples

HELP

HOW TO SEARCH

- User's Guide
- PCT Families
- Query Syntax
- Fields Definition
- IPC/CPC classification fields
- Wildcard vs Stemming
- Tutorials
- Webinars

PATENTSCOPE NEWS

- New National Collections and Global Dossier Information Now Available in Patentscope (Dec 15, 2020)
- WIPO IP Portal: New MENU Features for PATENSCOPE Users (Dec 7, 2020)
- Tell us what you think of PATENTSCOPE! (Oct 2, 2020)
- Dossier Content of the National Collections of Israel and the United Kingdom Now Available in PATENTSCOPE (Sep 29, 2020)
- WIPO Contributes Millions of Searchable Chemical Formulas to Database at U.S. National Institutes of Health (Mar 25, 2020)

LATEST NEWSLETTER

L PROPERTY

14.01.2021 - [WIPO webinar] Overview of PATENTSCOPE

NATIONAL COLLECTIONS - DATA COVERAGE

Last Update: 19.01.2021

Offices for which PCT national phase information is available

Country	Biblio Data	Abstract	Doc images	OCR (full-text) Indexed		Nb records
PCT	19.10.1978 - 14.01.2021	19.10.1978 - 14.01.2021	3,962,207	**Total:** English: French: Spanish: German: Korean: Japanese: Chinese: Russian: Portuguese:	**3,958,084** 2,274,818 134,345 27,313 400,157 120,360 659,336 316,229 20,452 5,074	3,962,207
African Regional Intellectual Property Organization (ARIPO)	03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008	1,676	**Total:** English:	**1,671** 1,671	1,868
Argentina	11.02.1965 - 25.11.2020	31.10.1990 - 25.11.2020	9,741	**Total:** Spanish:	**8,906** 8,906	165,494
Australia	14.01.1900 - 07.01.2021	08.01.1981 - 07.01.2021		**Total:** English:	**655,123** 655,123	1,758,757
Bahrain	09.03.1957 - 28.09.2005	09.03.1957 - 28.09.2005				1,411
Brazil	25.04.1972 - 01.12.2020	25.04.1989 - 01.12.2020	230,201	**Total:** Portuguese:	**228,879** 228,879	819,423

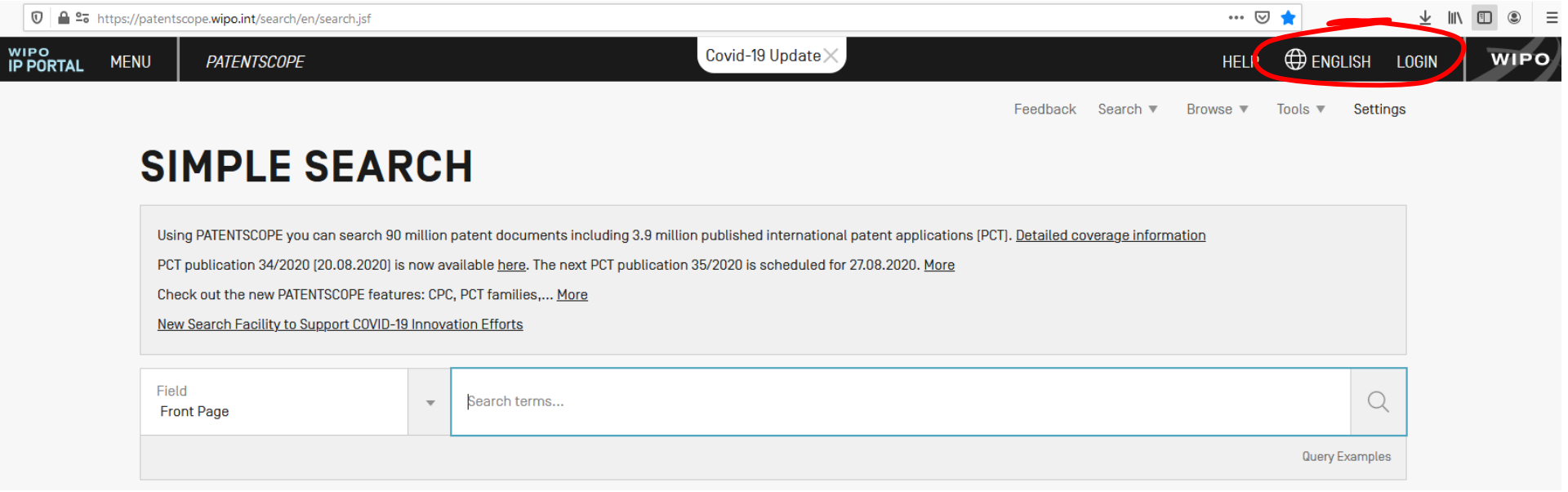
PCT: 3,962,207

Offices: 88,742,673

Overall: 92,704,880

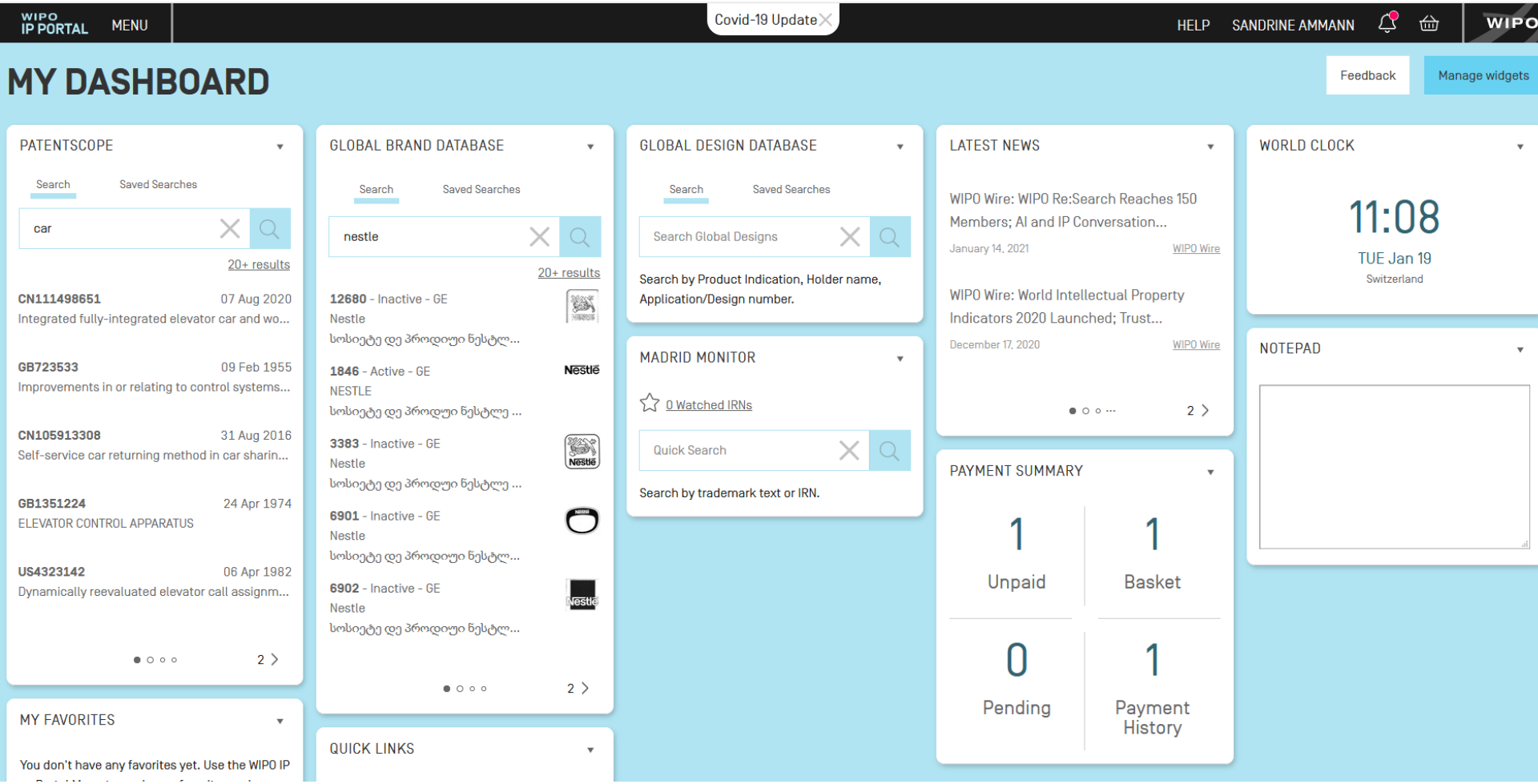
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Login-in/languages



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

WIPO IP Portal



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION


ROLL
THE
DRUMS

Soon available in PATENTSCOPE

- PATENTSCOPE families
- Non-Patent Literature
- Markush search

1. WO2015166221 - ENCODED CELLS AND CELL ARRAYS

PCT Biblio. Data | Description | Claims | Drawings | ISR/WOSA/A17(2)[a] | National Phase | Notices | Documents

PermaLink Machine translation

Publication Number
WO/2015/166221

Publication Date
05.11.2015

International Application No.
PCT/GB2015/051217

International Filing Date
27.04.2015

IPC
G06K 19/06 2006.01

CPC
G06K 19/06018 | G06K 19/06037 | G06K 19/06056 | G06K 19/06093 | G06K 7/1404 | G06K 7/1413
View more classifications

Applicants
GELLINER LIMITED [GB]/[GB]
P.O. Box 227 Clinch's House Lord Street, Douglas Isle of Man IM99 1RZ, GB

Inventors
ULYATE, John Adam

Agents
DEHNS St Bride's House 10 Salisbury Square London Greater London EC4Y 8JD, GB

Priority Data
1407432.2 28.04.2014 GB

Publication Language
English (EN)

Filing Language
English (EN)

Designated States

Title
[EN] ENCODED CELLS AND CELL ARRAYS
[FR] CELLULES CODÉES ET RÉSEAUX DE CELLULES

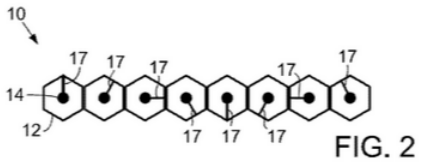


FIG. 2

Abstract
[EN]
Methods pertaining to encoding and decoding binary identifiers within a cell array are described. A binary identifier received by computing device can be encoded according to an encoding scheme. The cell array can include multiple encoded cells [10], each of which indicates a predetermined sequence of two or more bits, and which includes a perimeter [12], and both an alignment mark [14] and a line pattern [17] within the perimeter [12]. The line pattern [17] can be one of an empty-cell line pattern, a pattern including one or more asymmetrical radial vectors, one or more diametrical vectors, a symmetric cross, or a symmetrical star, or some other line pattern. The encoding scheme can define a plurality of cell colours that correspond to a predetermined sequence of two or more bits. The bits corresponding to a cell colour can be redundant to bits corresponding to a line pattern for confirming accuracy of decoding a cell [10].
[FR]
L'invention concerne des procédés pour coder et décoder des identificateurs binaires dans un réseau de cellules. Un identificateur binaire reçu par un dispositif informatique peut être codé selon une technique de codage. Le réseau de cellules peut comprendre de multiples cellules codées [10], dont chacune indique une séquence prédéterminée d'au moins deux bits, et qui comprend un périmètre [12], et à la fois un repère d'alignement [14] et un motif de ligne [17] à l'intérieur du périmètre [12]. Le motif de ligne [17] peut être l'un parmi un motif de ligne de cellule vide, un motif comprenant un ou plusieurs vecteurs radiaux asymétriques, un ou plusieurs vecteurs diamétraux, une croix symétrique, ou une étoile symétrique, ou un certain autre motif de ligne. La technique de codage peut définir une pluralité de couleurs de cellule qui correspondent à une séquence prédéterminée d'au moins deux bits. Les bits correspondant à une couleur de cellule peuvent être redondants vers des bits correspondant au motif de ligne pour confirmer la précision du décodage d'une cellule [10].

Also published as
AU2015255047 | AU2017225025 | CA2946244 | CN106462784 | EP3138048 | EP3702970 | GB2526261 | ID2017/08367 | IDIDP00201607518 | IL248294 | IN201647039592 | JP2017521740 | KR1020160147004 | MX367800 | MYPI 2016001834 | PH1/2016/502106 | SG11201608971V | TH166621 | US20170046549 | US20190108428 | US20190156168 | US20200117968 | VN1201604446 | VN50931

Next webinar: February 16 or 18

- Translation tools in PATENTSCOPE

To register: https://www.wipo.int/patentscope/en/webinar/

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

PATENTSCOPE Webinars

WIPO offers free online seminars (webinars) to deliver information, training and updates on the PATENTSCOPE Search System. If you or your organization are interested in a webinar on a specific topic, please contact us.

Note – Participants should connect to the webinar 15-20 minutes before the starting time. Slides from all webinars will be archived.

wipo.int/patentscope/en/webinar

Register for upcoming webinars

All PATENTSCOPE webinars

Platform Requirements

Please see the system requirements for attendees of our webinars.

Overview of PATENTSCOPE
January 19, 2021 (English) 17:30 Geneva time
Online registration

Overview of PATENTSCOPE
January 21, 2021 (English) 08:30 Geneva time
Online registration

Translation tools in PATENTSCOPE
February 16, 2021 (English) 17:30 Geneva time
Online registration

Translation tools in PATENTSCOPE
February 18, 2021 (English) 08:30 Geneva time
Online registration

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Global Brand Database: webinar

- An overview

January 25 at 8:00 am CET

https://www.wipo.int/reference/en/branddb/webinar/index.html

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Global Design Database: webinar

- An overview

January 27 at 8:00am CET

https://www.wipo.int/reference/en/branddb/webinar/index.html

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION


ASK MORE
QUESTIONS

patentscope@wipo.int

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION