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Summer school

Session 1: simple search, result list, stemming, account

Session 2: field combination, advanced search, result list

Session 3: special tools, search interfaces & features

Session 4: more advanced exercises combining the usage of multiple interfaces and search features

Practical cases

- First review theory
- Exercise is shown with a defined time to complete
- Solution is shown

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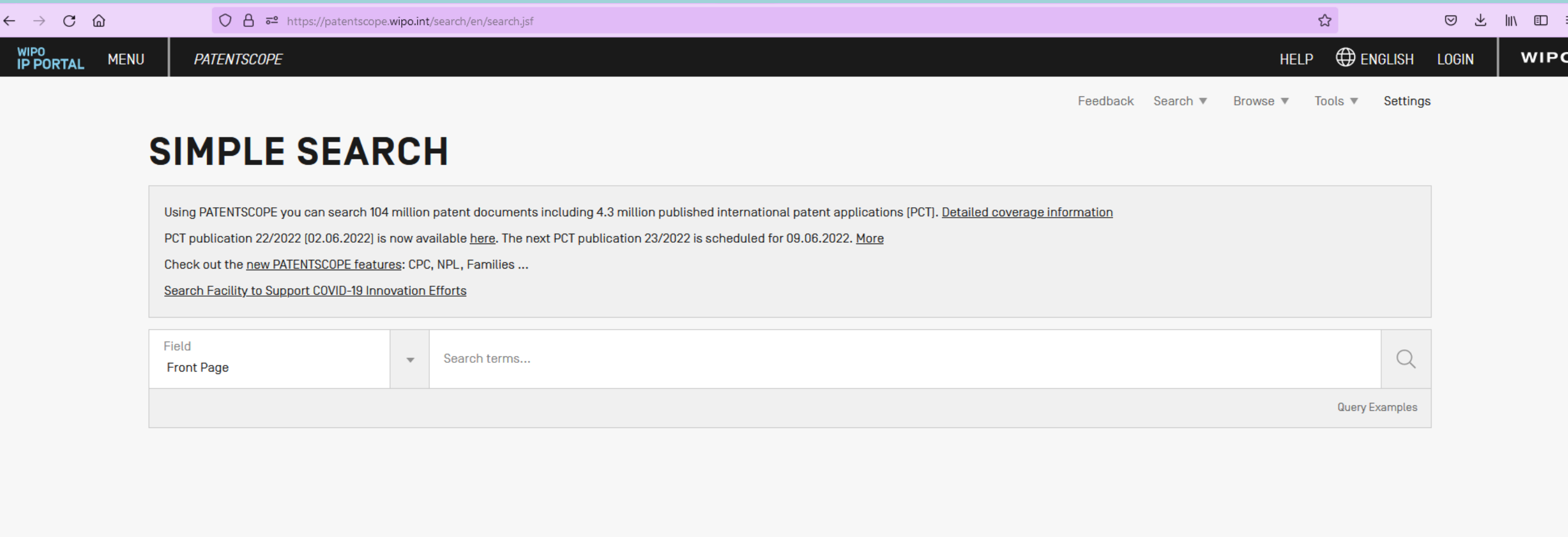
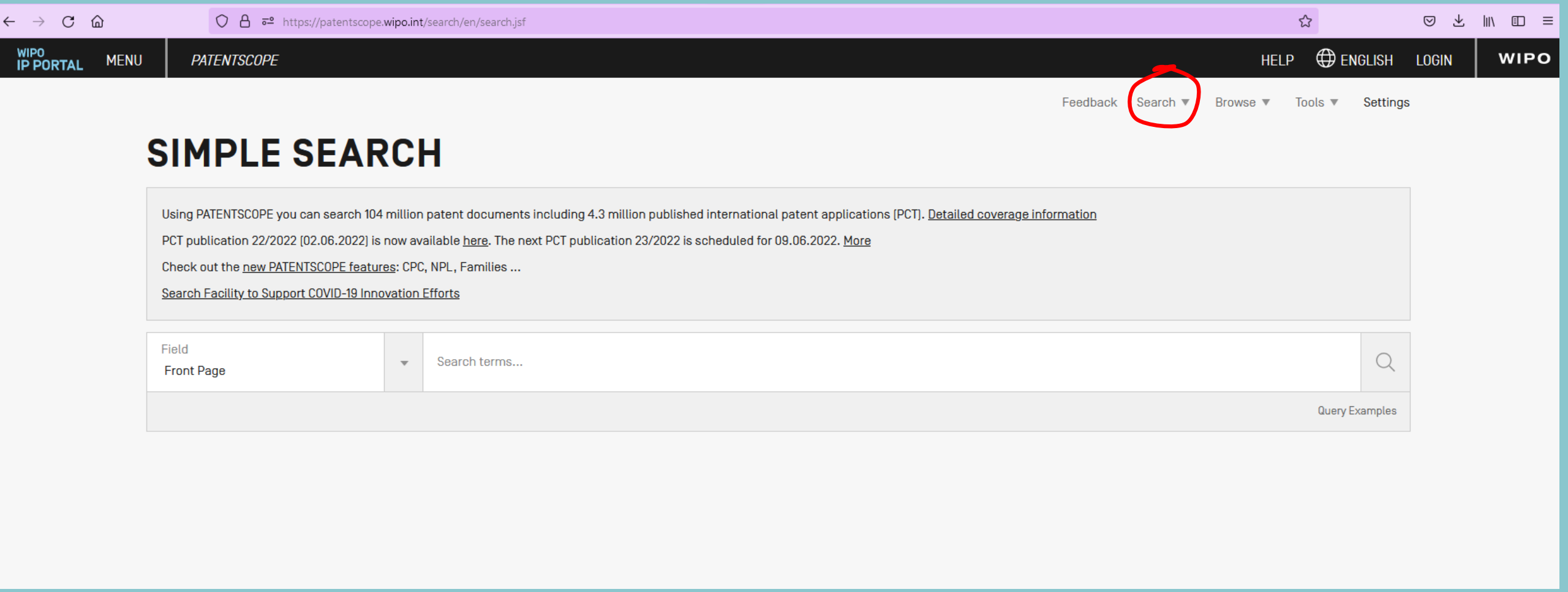
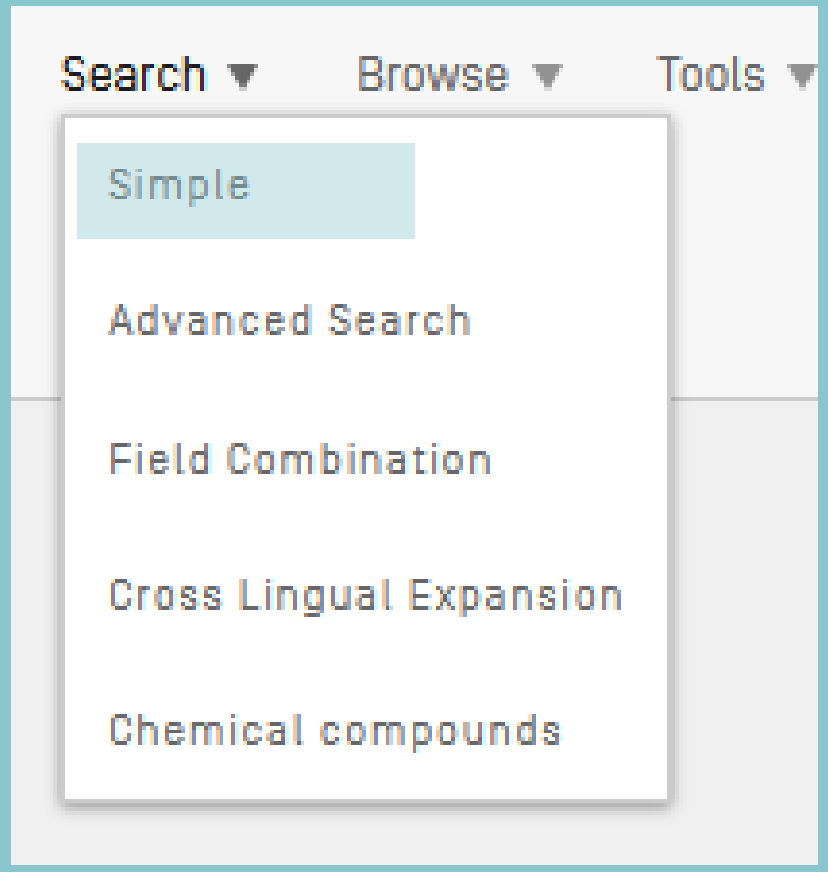


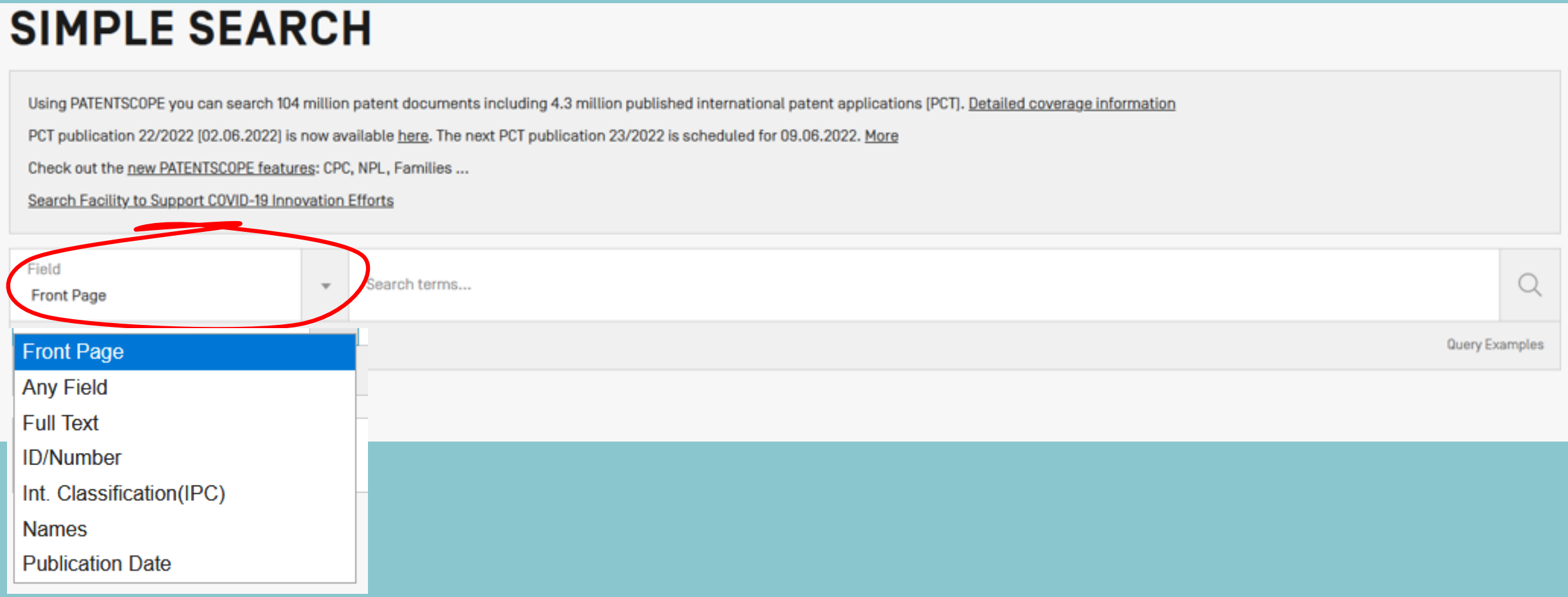
Simple search



Simple search



Search: Simple



Front Page

Any Field

Full Text

ID/Number

Int. Classification(IPC)

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Publication Date

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Applicants
MORELLO, Silvio [AU]/[AU]

Inventors
MORELLO, Silvio

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

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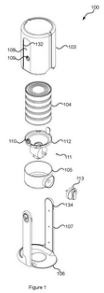
Designated States
View all

Latest bibliographic data on file with the International Bureau

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



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.

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1借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配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

- biomarker – cancer biomarker – «cancer biomarker»
- biomarker NEAR cancer
- ~~biomarker NEAR cancer AND IC:A~~

Exercises

- Using the Simple search interface, you would like to find:

1. documents about microchips

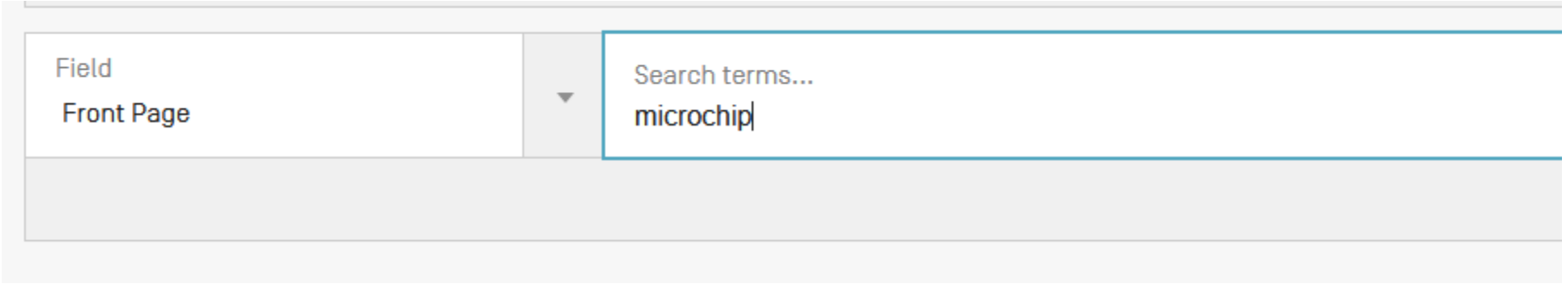
2. document published on June 30, 2022

3. document having publication number 2017134139

4. documents about electric bicycle

Answers

- 1. documents about microchips



FP:(microchip)

1. **20150022168** OUTPUT CURRENT CONTROL IN A BOUNDARY CONDUCTION MODE BUCK CONVERTER

Int.Class H02J 3/12 **Appl.No** 13947894 **Applicant** Microchip Technology, Inc. **Inventor** Alexander Mednik

A switching power converter has an input voltage source. An output load is coupled to the input voltage source. An inductive element is coupled to the load. A switch is coupled to the inductive element. A co the inductive element for activating and deactivating the switch, the control circuit activating and deactivating the switch based on a negative voltage drop across a resistive element of the control circuit.

2. **20190052179** DIGITAL CONTROL OF SWITCHED BOUNDARY MODE POWER CONVERTER WITHOUT CURRENT SENSOR

Int.Class H02M 3/335 **Appl.No** 16052208 **Applicant** Microchip Technology Incorporated **Inventor** Santosh Manjunath Bhandarkar

A circuit arrangement for switched boundary mode power conversion, a corresponding signal processor and a method of switched boundary mode power conversion are provided. The circuit arrangement voltage from a power supply, an output to provide an output voltage to a load, an energy storage device, a controllable switching device, and a signal processor. The signal processor is connected to the configured for zero-current switching of the switching device, wherein the signal processor is further configured to determine at least one switching point for the zero-current switching from a first voltage sig the first voltage signal corresponds to the input voltage and the second voltage signal corresponds to the output voltage.

3. **20140112024** HIGH VOLTAGE SWITCHING LINEAR AMPLIFIER AND METHOD THEREFOR

Int.Class H02M 3/335 **Appl.No** 13658640 **Applicant** Microchip Technology, Inc. **Inventor** Jimes Lei

A switching linear amplifier has a DC-DC converter to increase a low input DC voltage to a first high voltage DC. A high voltage high frequency inverter is coupled to the DC-DC converter to generate high voltage coupled to the high voltage high frequency inverter to generate a second high voltage DC. A controlled charge and discharge circuit is coupled to the multistage voltage multiplier to drive a capacitive load.

Field

Full Text

Search terms...

microchip

EN_ALLTXT:(microchip)

127,306 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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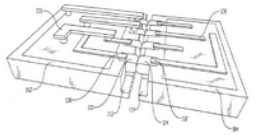
1. **09633976** SYSTEMS AND METHODS FOR INTER-CHIP COMMUNICATION

US - 25.04.2017

Int.Class H01L 25/00 **Appl.No** 14090993 **Applicant** University of Notre Dame du Lac **Inventor** Gary H. Bernstein

A quilt packaging system includes a first and second electronic device each comprising a plurality of edge surfaces at least a first edge surface of which comprises one or more interconnect modules disposed thereon. The first edge surface of the second electronic device is positioned contiguous to the first edge surface of the first electronic device, and at least one of the one or more interconnect nodules disposed on the first edge surface of the first electronic device is configured to be in physical contact with at least one of the one or more interconnect nodules disposed on the first edge surface of second electronic device so as to provide an electrical connection between the first and second electronic devices at the first edge surfaces of the first and second electronic device.

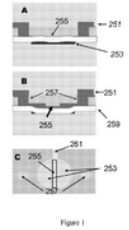


2. **20140370519** UNIVERSAL SAMPLE PREPARATION SYSTEM AND USE IN AN INTEGRATED ANALYSIS SYSTEM

US - 18.12.2014

Int.Class G01N 1/34 **Appl.No** 14253622 **Applicant** IntegenX Inc. **Inventor** Vangbo Mattias

The invention provides for devices and methods for interfacing microchips to cartridges and pneumatic manifolds. The cartridges, microchips, and pneumatic manifolds can be integrated with downstream preparation devices, such as thermal regulating devices and separation and analysis devices.



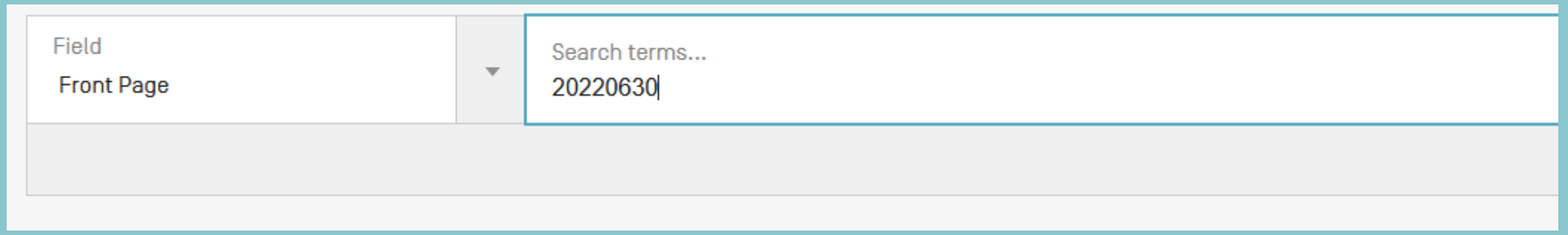
3. **20070157628** TEMPERATURE CONTROL APPARATUS

US - 12.07.2007

Int.Class F25D 23/12 **Appl.No** 11620985 **Applicant** Yamaha Corporation **Inventor** Onoue Katsuhiko

A temperature control apparatus for controlling the temperature of at least a temperature controlled portion of a microchip is provided. The temperature control apparatus includes a heat sink, a temperature

2. document published on June 30, 2022



FP:(20220630)

119 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 12 Machine translation

1. **20220206361** TWO-PHOTON QUANTUM PHOTONIC LOGIC GATES — US - 30.06.2022

Int.Class G02F 3/00 **Appl.No** 17561556 **Applicant** Washington University **Inventor** Jung-Tsung Shen

Photonic controlled-phase gates that include a dipole emitter chirally coupled to a plurality of photonic qubit pairs in a waveguide are disclosed herein. Each photonic qubit pair includes a two-qubit state |xy20220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, wherein the two-qubit state |xy20220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/> comprises a combination of single-qubit states |020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/> and |120220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, and may be |0020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, |0120220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, |1020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, and |1120220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>. The dipole emitter is configured to interact with the single-qubit state |020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/> to impose a π phase shift, and the dipole emitter interacts with states |0020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, |0120220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>, and |1020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/> to impose the π phase shift.

2. **WO/2020/220630** DISPLAY PANEL AND DISPLAY DEVICE — WO - 05.11.2020

Int.Class H01L 51/52 **Appl.No** PCT/CN2019/115469 **Applicant** SHENZHEN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECHNOLOGY CO., LTD. **Inventor** XIAO, Xiang

A display panel and a display device. The display panel comprises a cover plate, the cover plate is provided thereon with an auxiliary cathode (201) and a plurality of auxiliary cathode contact holes (202), and the distribution density of the plurality of auxiliary cathode contact holes (202) on the display panel successively increases from the border to the center. Thus, the conduction of the auxiliary cathode contact holes (202) is facilitated, which makes the IR voltage drop of the display panel more significant, and improves the display uniformity of the display panel.

3. **20220206266** CAMERA OPTICAL LENS — US - 30.06.2022

Int.Class G02B 13/00 **Appl.No** 17542521 **Applicant** AAC Optics (Suzhou) Co., Ltd. **Inventor** Kenji Oinuma

The present invention discloses a camera optical lens with six-piece lens including, from an object side to an image side in sequence, a first lens having a negative refractive power, a second lens having a positive refractive power, a third lens having a positive refractive power, a fourth lens having a negative refractive power, a fifth lens having a positive refractive power, and a sixth lens having a negative refractive power. The camera optical lens satisfies the following conditions: −6.0020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>f4/f520220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>−2.00, R5/R320220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>−50.00; and 3.0020220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>f2/f20220630-P00001.TIF" alt="custom-character" img-content="character" img-format="tif"/>6.00. The camera optical lens according to the present invention has excellent optical characteristics, such as large aperture, wide angle, and ultra-thin.

Field

Publication Date

Search terms...

20220630

DP (20220630)

17,578 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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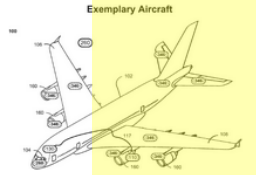
1. **20220204180** DECISION-SUPPORT SYSTEM FOR AIRCRAFT REQUIRING EMERGENCY LANDINGS

US - 30.06.2022

Int.Class B64D 45/08 Appl.No 17134139 Applicant GE Aviation Systems LLC Inventor Meinolf Sellmann

A system and method to assist aircraft pilots with rapid decision-making in cases where the pilot needs to make a flight diversion at low altitudes due to an emergency [for example, loss of thrust]. Once an emergency need for diversion is detected, the system and method generates a list of alternative airports the plane can reach given: [i] the current conditions of the plane; [ii] a real-emergency time simulation of evolving conditions of the plane; [iii] the environment at potential landing sites; and [iv] the environment on the flight path to those sites. For airports potentially within reach, the system and method provides a confidence scores for successful landings for alternative simulated landing options. The simulations and confidence scores take into account aircraft position, altitude, speed, and possible further problems with the aircraft for the both the current flight path and for each simulated alternative.

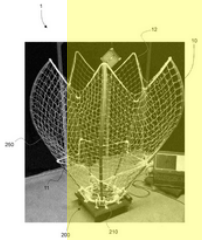


2. **20220204187** CAPTURE SYSTEM ADAPTED TO CAPTURE ORBITAL OBJECTS, IN PARTICULAR FOR DEORBITING PURPOSES

US - 30.06.2022

Int.Class B64G 1/22 Appl.No 17438167 Applicant Ecole Polytechnique Federale de Lausanne [EPFL] Inventor Muriel Richard-Noca

A capture system to capture orbital objects for deorbiting purposes and including a deployable capture structure deployable between a standby configuration and a fully deployed open configuration to receive/capture a selected orbital object, a deployment platform, and a closing mechanism designed to close the capture structure around the orbital object. The capture structure includes a plurality of foldable sheet-like structures, each reversibly foldable and unfoldable as a function of deployment of the capture structure, and having a first configuration wherein the foldable sheet-like structure is folded on itself to form the standby configuration, and at least a second configuration wherein the foldable sheet-like structure is unfolded and extended to form the fully deployed open configuration. Each foldable sheet-like structure exhibits a fold pattern defining an alternation of convex and concave sections in the second configuration adapted to automatically fold one on top of the other upon retracting the capture structure.



3. **20220204193** UNIVERSAL FEED MECHANISM FOR AUTOMATIC PACKAGER

US - 30.06.2022

Int.Class B65B 1/30 Appl.No 17694950 Applicant RXSAFE LLC Inventor William K. Holmes

An automatic packager including a cartridge and a cartridge mechanism is provided. The cartridge for the automatic packager includes a reservoir for storing a plurality of medications and a wheel including a

3. document having publication number 2017134139

Field
ID/Number

Search terms...
2017134139

1. **3604361** POLYMERIZABLE COMPOUND AND PRODUCTION METHOD THEREFOR, POLYMERIZABLE COMPOSITION, POLYMER, OPTICAL FILM, OPTICALLY ANISOTROPIC OBJECT, POLARIZER, DISPLAY DEVICE, ANTIREFLECTION FILM, AND COMPOUND AND USE THEREOF — EP - 05.02.2020

Int.Class C08F 20/38 **Appl.No** 18771295 **Applicant** ZEON CORP **Inventor** SAKAMOTO KEI

Disclosed is a polymerizable compound useful in the preparation of a polymer which is capable of producing, for example, an optical film having excellent in-plane thickness uniformity and improved in-plane uniformity in optical properties. The polymerizable compound of the present disclosure is represented by formula [I]:where Ar is represented by the following formula [II-1] or [II-2]:

2. **2017134139** СПОСОБ И СИСТЕМА ИЗГОТОВЛЕНИЯ УЛУЧШЕННОЙ ОСНОВЫ ДЛЯ ТРЕХМЕРНОГО ОТОБРАЖЕНИЯ, И СООТВЕТСТВУЮЩАЯ ИЗГОТОВЛЕННАЯ ОСНОВА — RU - 06.05.2019

Int.Class G02B 27/22 **Appl.No** 2017134139 **Applicant** РИАЛВИЗИОН С.Р.Л. [IT] **Inventor** ДЕ МОЛЛИ, Данизль [IT]

3. **WO2018173954** 重合性化合物およびその製造方法、重合性組成物、高分子、光学フィルム、光学異方体、偏光板、表示装置、反射防止フィルム、並びに、化合物およびその使用方法 — JP - 27.09.2018

Int.Class C08F 20/38 **Appl.No** 2019507632 **Applicant** 日本ゼオン株式会社 **Inventor** 坂本　圭

膜厚の面内均一性に優れ、光学特性の面内均一性が改善された光学フィルム等の製造を可能にする重合体の調製に有用な重合性化合物が提供される。本発明の重合性化合物は、下記式（ｉ）で示される。
〔化１〕

〔式（ｉ）中、Ａｒは下記式（ＩＩ－１）または（ＩＩ－２）で表される〕
〔化２〕

4. **WO/2017/134139** A METHOD OF PREPARING GLYCOLIC ACID [HOCH2COOH] — WO - 10.08.2017

Int.Class C07C 29/149 **Appl.No** PCT/EP2017/052210 **Applicant** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. **Inventor** LANGE, Jean Paul, Andre, Marie, Joseph, Ghislain

The present invention provides a method of preparing glycolic acid [HOCH2COOH], the method at least comprising the steps of: [a] providing an aqueous oxalic acid [HOOCCOOH] containing stream having a molar ratio of water/oxalic acid of above 5.0; [b] subjecting the aqueous oxalic acid [HOOCCOOH] containing stream provided in step [a] to hydrogenation in the presence of a hydrogenation metal catalyst and hydrogen, thereby obtaining a glycolic acid [HOCH2COOH] containing stream; and [c] optionally subjecting the glycolic acid containing stream obtained in step [b] to hydrogenation in the presence of a hydrogenation metal catalyst and hydrogen, thereby obtaining an ethylene glycol [HOCH2CH2OH] containing stream.

5. **2017134139** IMAGE FORMING APPARATUS — JP - 03.08.2017

Int.Class G03G 15/02 **Appl.No** 2016012057 **Applicant** KONICA MINOLTA INC **Inventor** YOSHIDA TOMOHISA

PROBLEM TO BE SOLVED: To suppress a deterioration in unevenness on a photoreceptor by preventing an excessive charging voltage at a portion of the photoreceptor having a small film thickness.

SOLUTION: An image forming apparatus comprises: a photoreceptor 11 that has a photosensitive layer 11a provided thereon; a charging device 12; a charging power supply part 250 that applies, to the charging device 12, a charging voltage in which a DC voltage and an AC voltage are overlapped with each other; an exposure device 50; a cleaning device 14 that cleans a surface of the photosensitive layer 11a; film thickness detection means 253 and 280 that determine the film thickness of the photosensitive layer 11a in a circumferential direction of the photoreceptor 11; and a control part 200 that controls the peak-to-peak voltage of the AC voltage applied to the charging device 12. The control part 200 controls the peak-to-peak voltage of the AC voltage applied to the charging device 12 according to the calculated film thickness in the circumferential direction of the photosensitive layer 11a.

SELECTED DRAWING: Figure 3

FP:(2017134139)

3 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 1 Machine translation

1. **WO/2017/134139** A METHOD OF PREPARING GLYCOLIC ACID [HOCH2COOH] WO - 10.08.2017

Int.Class C07C 29/149 **Appl.No** PCT/EP2017/052210 **Applicant** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. **Inventor** LANGE, Jean Paul, Andre, Marie, Joseph, Ghislain

The present invention provides a method of preparing glycolic acid [HOCH2COOH], the method at least comprising the steps of: [a] providing an aqueous oxalic acid [HOOCCOOH] containing stream having a molar ratio of water/oxalic acid of above 5.0; [b] subjecting the aqueous oxalic acid [HOOCCOOH] containing stream provided in step [a] to hydrogenation in the presence of a hydrogenation metal catalyst and hydrogen, thereby obtaining a glycolic acid [HOCH2COOH] containing stream; and [c] optionally subjecting the glycolic acid containing stream obtained in step [b] to hydrogenation in the presence of a hydrogenation metal catalyst and hydrogen, thereby obtaining an ethylene glycol [HOCH2CH2OH] containing stream.

2. **2017134139** IMAGE FORMING APPARATUS JP - 03.08.2017

Int.Class G03G 15/02 **Appl.No** 2016012057 **Applicant** KONICA MINOLTA INC **Inventor** YOSHIDA TOMOHISA

PROBLEM TO BE SOLVED: To suppress a deterioration in unevenness on a photoreceptor by preventing an excessive charging voltage at a portion of the photoreceptor having a small film thickness.

SOLUTION: An image forming apparatus comprises: a photoreceptor 11 that has a photosensitive layer 11a provided thereon; a charging device 12; a charging power supply part 250 that applies, to the charging device 12, a charging voltage in which a DC voltage and an AC voltage are overlapped with each other; an exposure device 50; a cleaning device 14 that cleans a surface of the photosensitive layer 11a; film thickness detection means 253 and 280 that determine the film thickness of the photosensitive layer 11a in a circumferential direction of the photoreceptor 11; and a control part 200 that controls the peak-to-peak voltage of the AC voltage applied to the charging device 12. The control part 200 controls the peak-to-peak voltage of the AC voltage applied to the charging device 12 according to the calculated film thickness in the circumferential direction of the photosensitive layer 11a.

SELECTED DRAWING: Figure 3

3. **2017134139** СПОСОБ И СИСТЕМА ИЗГОТОВЛЕНИЯ УЛУЧШЕННОЙ ОСНОВЫ ДЛЯ ТРЕХМЕРНОГО ОТОБРАЖЕНИЯ, И СООТВЕТСТВУЮЩАЯ ИЗГОТОВЛЕННАЯ ОСНОВА RU - 06.05.2019

Int.Class G02B 27/22 **Appl.No** 2017134139 **Applicant** РИАЛВИЗИОН С.Р.Л. [IT] **Inventor** ДЕ МОЛЛИ, Даниэль [IT]

3. document having publication number 2017134139

Field
ID/Number

Search terms...
2017134139

1. **3604361** POLYMERIZABLE COMPOUND AND PRODUCTION METHOD THEREFOR, POLYMERIZABLE COMPOSITION, POLYMER, OPTICAL FILM, OPTICALLY ANISOTROPIC OBJECT, POLARIZER, DISPLAY DEVICE, ANTIREFLECTION FILM, AND COMPOUND AND USE THEREOF — EP - 05.02.2020

Int.Class C08F 20/38 **Appl.No** 18771295 **Applicant** ZEON CORP **Inventor** SAKAMOTO KEI

Disclosed is a polymerizable compound useful in the preparation of a polymer which is capable of producing, for example, an optical film having excellent in-plane thickness uniformity and improved in-plane uniformity in optical properties. The polymerizable compound of the present disclosure is represented by formula (I):where Ar is represented by the following formula (II-1) or (II-2):

2. **2017134139** СПОСОБ И СИСТЕМА ИЗГОТОВЛЕНИЯ УЛУЧШЕННОЙ ОСНОВЫ ДЛЯ ТРЕХМЕРНОГО ОТОБРАЖЕНИЯ, И СООТВЕТСТВУЮЩАЯ ИЗГОТОВЛЕННАЯ ОСНОВА — RU - 06.05.2019

Int.Class G02B 27/22 **Appl.No** 2017134139 **Applicant** РИАЛВИЗИОН С.Р.Л. [IT] **Inventor** ДЕ МОЛЛИ, Даниэль [IT]

3. **WO2018173954** 重合性化合物およびその製造方法、重合性組成物、高分子、光学フィルム、光学異方体、偏光板、表示装置、反射防止フィルム、並びに、化合物およびその使用方法 — JP - 27.09.2018

Int.Class C08F 20/38 **Appl.No** 2019507632 **Applicant** 日本ゼオン株式会社 **Inventor** 坂本　圭

膜厚の面内均一性に優れ、光学特性の面内均一性が改善された光学フィルム等の製造を可能にする重合体の調製に有用な重合性化合物が提供される。本発明の重合性化合物は、下記式（ｉ）で示される。
〔化１〕

〔式（ｉ）中、Ａｒは下記式（ｉｉ－１）または（ｉｉ－２）で表される〕
〔化２〕

4. **WO/2017/134139** A METHOD OF PREPARING GLYCOLIC ACID [HOCH2COOH] — WO - 10.08.2017

Int.Class C07C 29/149 **Appl.No** PCT/EP2017/052210 **Applicant** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. **Inventor** LANGE, Jean Paul, Andre, Marie, Joseph, Ghislain

The present invention provides a method of preparing glycolic acid [HOCH2COOH], the method at least comprising the steps of: [a] providing an aqueous oxalic acid [HOOCCOOH] containing stream having a molar ratio of water/oxalic acid of above 5.0; [b] subjecting the aqueous oxalic acid [HOOCCOOH] containing stream provided in step [a] to hydrogenation in the presence of a hydrogenation metal catalyst and hydrogen, thereby obtaining a glycolic acid [HOCH2COOH] containing stream; and [c] optionally subjecting the glycolic acid containing stream obtained in step [b] to hydrogenation in the presence of a hydrogenation metal catalyst and hydrogen, thereby obtaining an ethylene glycol [HOCH2CH2OH] containing stream.

5. **2017134139** IMAGE FORMING APPARATUS — JP - 03.08.2017

Int.Class G03G 15/02 **Appl.No** 2016012057 **Applicant** KONICA MINOLTA INC **Inventor** YOSHIDA TOMOHISA

PROBLEM TO BE SOLVED: To suppress a deterioration in unevenness on a photoreceptor by preventing an excessive charging voltage at a portion of the photoreceptor having a small film thickness.

SOLUTION: An image forming apparatus comprises: a photoreceptor 11 that has a photosensitive layer 11a provided thereon; a charging device 12; a charging power supply part 250 that applies, to the charging device 12, a charging voltage in which a DC voltage and an AC voltage are overlapped with each other; an exposure device 50; a cleaning device 14 that cleans a surface of the photosensitive layer 11a; film thickness detection means 253 and 280 that determine the film thickness of the photosensitive layer 11a in a circumferential direction of the photoreceptor 11; and a control part 200 that controls the peak-to-peak voltage of the AC voltage applied to the charging device 12. The control part 200 controls the peak-to-peak voltage of the AC voltage applied to the charging device 12 according to the calculated film thickness in the circumferential direction of the photosensitive layer 11a.

SELECTED DRAWING: Figure 3

Office

European Patent Office

Application Number

18771295

Application Date

16.03.2018

Publication Number

3604361

Publication Date

05.02.2020

Publication Kind

A1

IPC

C08F 20/38 | C08F 20/34 | C09K 19/38 | G02B 1/11 | G02B 5/30 | G02F 1/1335

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CPC

C07D 277/82 | C07D 417/12 | C08F 20/38 | C08F 20/44 | C08F 20/26 | G02B 1/11

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Applicants

ZEON CORP

Inventors

SAKAMOTO KEI
OKUYAMA KUMI
MIMA TAKANORI

Designated States

View all

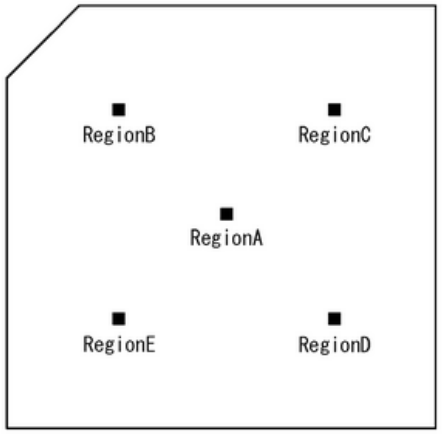
Priority Data

2017058254 23.03.2017 JP
2017134139 07.07.2017 JP

Title

(DE) POLYMERISIERBARE VERBINDUNG UND HERSTELLUNGSVERFAHREN DAFÜR, POLYMERISIERBARE ZUSAMMENSETZUNG, POLYMER, OPTISCHER FILM, OPTISCH ANISOTROPES OBJEKT, POLARISATOR, ANZEIGEVORRICHTUNG, ANTIREFLEXFILM SOWIE VERBINDUNG UND VERWENDUNG DAVON
(EN) POLYMERIZABLE COMPOUND AND PRODUCTION METHOD THEREFOR, POLYMERIZABLE COMPOSITION, POLYMER, OPTICAL FILM, OPTICALLY ANISOTROPIC OBJECT, POLARIZER, DISPLAY DEVICE, ANTIREFLECTION FILM, AND COMPOUND AND USE THEREOF
(FR) COMPOSÉ POLYMÉRISABLE ET SON PROCÉDÉ DE PRODUCTION, COMPOSITION POLYMÉRISABLE, POLYMÈRE, FILM OPTIQUE, OBJET OPTIQUEMENT ANISOTROPE, POLARISEUR, DISPOSITIF D'AFFICHAGE, FILM ANTIREFLET, ET COMPOSÉ ET SON UTILISATION

FIG. 1



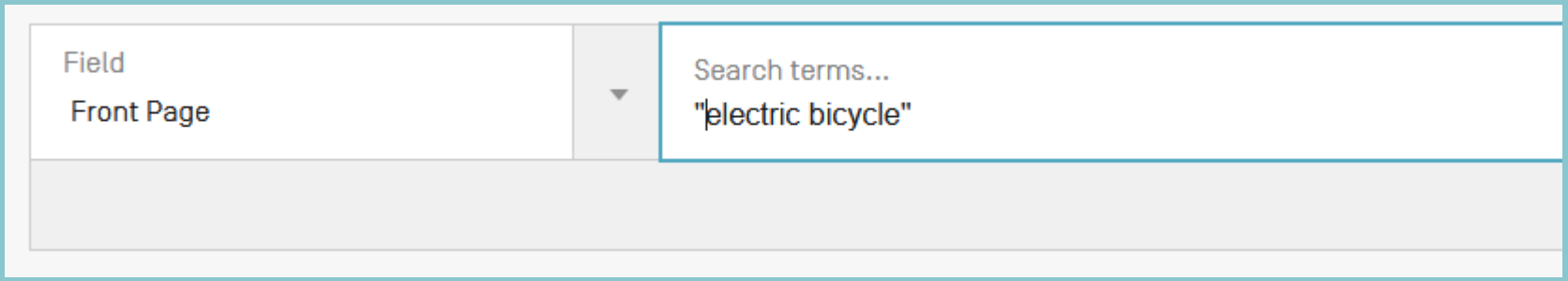
Abstract

(EN) Disclosed is a polymerizable compound useful in the preparation of a polymer which is capable of producing, for example, an optical film having excellent in-plane thickness uniformity and improved in-plane uniformity in optical properties. The polymerizable compound of the present disclosure is represented by formula [I]:where Ar is represented by the following formula [II-1] or [II-2]:
(FR) L'invention concerne un composé polymérisable utile pour produire un polymère qui est capable de produire, par exemple, un film optique ayant une excellente uniformité d'épaisseur dans le plan et une uniformité dans le plan améliorée en termes de propriétés optiques. Le composé polymérisable selon la présente invention est représenté par la formule [I]. [Dans la formule [I], Ar est représenté par la formule [II-1] ou [II-2].]

Related patent documents

CN110392703 KR1020190128644 JPWO2018173954 WO/2018/173954 US20200262801

4. Documents about electric bicycle



FP:("electric bicycle")

10,761 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 1,077 Machine translation

1. **111063120** ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM — CN - 24.04.2020

Int.Class G07F 17/00 **Appl.No** 201911203200.6 **Applicant** BEIJING MOBIKE TECHNOLOGY CO., LTD. **Inventor** JIN HONGDU

The invention discloses an electric bicycle control method, an electric bicycle and an electric bicycle system. The method comprises the steps that a server responds to an unlocking request sent by auser terminal for the electric bicycle and sends an unlocking instruction to the electric bicycle; the electric bicycle responds to the unlocking instruction, detects whether the electric bicycle meets a first unlocking condition or not, and controls a lock of the electric bicycle to be unlocked under the condition that the electric bicycle meets the first unlocking condition; the server sends a locking instruction to the electric bicycle in response to a locking request sent by the user terminal for the electric bicycle; the electric bicycle responds to the locking instruction, detects whether the electric bicycle meets a first locking condition or not, and controls the bicycle lock to be locked under the condition that the electric bicycle meets the first locking condition. The first locking condition comprises that a parameter value representing the current running speed of the electric bicycle is smaller than or equal to a set safety threshold value.

2. **210175070** ELECTRIC BICYCLE CHAIN WHEEL — CN - 24.03.2020

Int.Class B62M 6/40 **Appl.No** 201921147491.7 **Applicant** ZHANG FENGJIE **Inventor** ZHANG FENGJIE

The utility model relates to the technical field of electric bicycle chain wheels. The utility model discloses an electric bicycle sprocket. Electric bicycle frame, an electric bicycle seat is fixedlyarranged on the electric bicycle frame; an electric bicycle front wheel is rotationally connected to a front frame of the electric bicycle frame through a bearing. An electric bicycle handle is arranged on the electric bicycle frame and corresponds to the electric bicycle front wheel; an electric bicycle rear wheel is rotationally connected to a rear frame of the electric bicycle frame through abearing. Pedals are mounted on the electric bicycle frame; a chain protective cover is arranged on the electric bicycle frame and corresponds to the pedals; due to the fact that the square sleeve on the chain wheel is designed to be the hollow support and is formed by pressing and riveting, riveting points are formed, the effects of firmness, looseness prevention and skid resistance are achieved,meanwhile, the chain wheel is attractive, the square sleeve is designed to be hollow, the requirement for reducing the mass of national standard whole vehicle equipment is met, and cost consumption isreduced.

3. **108313164** ELECTRIC BICYCLE DOUBLE-SUPPORT WITH SLIDING WHEELS — CN - 24.07.2018

Int.Class B62H 1/02 **Appl.No** 201710028731.0 **Applicant** BEIHAI HESI TECHNOLOGY CO., LTD. **Inventor** THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED

The invention relates to an electric bicycle double-support with sliding wheels and belongs to the technical field of electric bicycle pushing when a tire of an electric bicycle bursts. The electric bicycle double-support comprises a double-support body, and a tension spring hook, connecting sheets, a first fixing hook, a second fixing hook, a treading rod and sliding wheel devices are arranged inthe double-support; the first fixing hook, the second fixing hook and the tension spring hook are

FP:(electric bicycle)

19,236 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 1,924 Machine translation

1. **102745284** ELECTRIC BICYCLE CN - 24.10.2012

Int.Class B62H 1/04 **Appl.No** 201210266449.3 **Applicant** Ningbo Dandelion Vehicle Industry Technology Co., Ltd. **Inventor** Chen Quanfeng

The invention relates to an electric bicycle which comprises a bicycle body, wherein a bicycle lock mechanism is arranged on the bicycle body, and a pedal which is rotatably connected with the bicycle body is arranged at the lower part of the bicycle body. The electric bicycle is characterized by also comprising a pedal locking mechanism, wherein the pedal locking mechanism comprises a locking rod and a drive mechanism; the locking rod is movably arranged at the inner side of the electric bicycle pedal, has an extension state and a withdrawing state and is abutted against the inner side of the electric bicycle pedal in the extension state, so that the electric bicycle pedal can be prevented from sliding towards the tail of an electric bicycle and dropping off from a landing state; and the drive mechanism is connected with the locking rod and drives the locking rod so that the locking rod keeps the extension state or the withdrawing state, and the drive mechanism is connected with the bicycle lock mechanism of the electric bicycle. Compared with the prior art, the electric bicycle has the advantages that by arranging the locking rod which is connected with and driven by the bicycle lock mechanism of the electric bicycle at the inner side of the electric bicycle pedal, after the bicycle lock mechanism is locked, the locking rod is driven by the drive mechanism to extend outwards and abut against the inner side of the electric bicycle pedal, so that the electric bicycle pedal can be effectively prevented from sliding towards the tail of the electric bicycle and dropping off from the landing state.

2. **111063120** ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM CN - 24.04.2020

Int.Class G07F 17/00 **Appl.No** 201911203200.6 **Applicant** BEIJING MOBIKE TECHNOLOGY CO., LTD. **Inventor** JIN HONGDU

The invention discloses an electric bicycle control method, an electric bicycle and an electric bicycle system. The method comprises the steps that a server responds to an unlocking request sent by auser terminal for the electric bicycle and sends an unlocking instruction to the electric bicycle; the electric bicycle responds to the unlocking instruction, detects whether the electric bicycle meets a first unlocking condition or not, and controls a lock of the electric bicycle to be unlocked under the condition that the electric bicycle meets the first unlocking condition; the server sends a locking instruction to the electric bicycle in response to a locking request sent by the user terminal for the electric bicycle; the electric bicycle responds to the locking instruction, detects whether the electric bicycle meets a first locking condition or not, and controls the bicycle lock to be locked under the condition that the electric bicycle meets the first locking condition. The first locking condition comprises that a parameter value representing the current running speed of the electric bicycle is smaller than or equal to a set safety threshold value.

3. **210175070** ELECTRIC BICYCLE CHAIN WHEEL CN - 24.03.2020

Int.Class B62M 6/40 **Appl.No** 201921147491.7 **Applicant** ZHANG FENGJIE **Inventor** ZHANG FENGJIE

The utility model relates to the technical field of electric bicycle chain wheels. The utility model discloses an electric bicycle sprocket. Electric bicycle frame, an electric bicycle seat is fixedlyarranged on the electric bicycle frame; an electric bicycle front wheel is rotationally connected to a front frame of the electric bicycle frame through a bearing. An electric bicycle handle is arranged on the electric bicycle frame and corresponds to the electric bicycle front wheel; an electric bicycle rear wheel is rotationally connected to a rear frame of the electric bicycle frame through abearing. Pedals are mounted on the electric bicycle frame; a chain protective cover is arranged on the electric bicycle frame and corresponds to the pedals; due to the fact that the square sleeve on the chain wheel is designed to be the hollow support and is formed by pressing and riveting, riveting points are formed, the effects of firmness, looseness prevention and skid resistance are achieved,meanwhile, the chain wheel is attractive, the square sleeve is designed to be hollow, the requirement for reducing the mass of national standard whole vehicle equipment is met, and cost consumption isreduced.

Exercises

5. documents about cars or trucks

6. document having the keywords cars and trucks in the title/abstract

7. document having the IPC code H04L1/00

8. document belonging to Apple

9. documents having voiture (car in French)

5. documents about cars or trucks

Field
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Search terms...
cars OR trucks

FP:(cars OR trucks)

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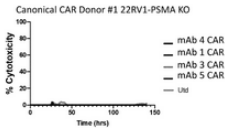
1. **20220204930** PROSTATE CANCER CHIMERIC ANTIGEN RECEPTORS — US - 30.06.2022

Int.Class C12N 5/0783 **Appl.No** 17553391 **Applicant** Kite Pharma, Inc. **Inventor** Matthew Drever

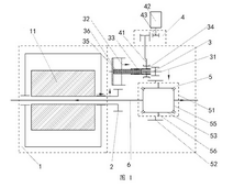
Provided are antibodies, fragments thereof, chimeric antigen receptors (CARs) and T cell receptors (TCRs) comprising one or more of the anti-PMCA antigen binding domains disclosed herein. SynNotch receptors that comprise an anti-PSCA binding domain Provided are polynucleotides encoding antibodies, fragments thereof, CARs, T cell receptors (TCR) and SynNotch receptors. Provided are compositions, cells and cell therapies comprising the same. Further provided are methods of treatment.



2. **WO/2022/135407** COAXIAL PURE ELECTRIC VEHICLE POWER SYSTEM HAVING POWER DISCONNECTION FUNCTION AND VEHICLE — WO - 30.06.2022

Int.Class B60K 17/22 **Appl.No** PCT/CN2021/140141 **Applicant** WUHAN LOTUS CARS CO., LTD **Inventor** XIONG, Yinbin

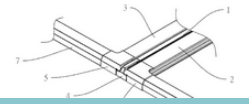
A coaxial pure electric vehicle power system having a power disconnection function and a vehicle, the system comprising: a motor (1), a gear (2), an intermediate shaft assembly (3), a shift drive mechanism (4), a differential assembly (5), and an output shaft (6). The motor (1) is connected to the gear (2) to drive the gear to rotate; the gear (2), the intermediate shaft assembly (3), and the differential assembly (5) form a gear transmission mechanism; the intermediate shaft assembly (3) comprises an intermediate shaft (31) and a connecting/disconnecting gear (32); the shift drive mechanism (4) is used for connecting or disconnecting the connecting/disconnecting gear (32) to/from the intermediate shaft (31); when the intermediate shaft is connected to the connecting/disconnecting gear, the power is transmitted to an output shaft by means of the motor, the gear, the connecting/disconnecting gear, the intermediate shaft, and the differential assembly in sequence; and when the intermediate shaft is disconnected from the connecting/disconnecting gear, the connecting/disconnecting gear idly rotates. By disconnecting the transmission path of the intermediate shaft, a wheel end is disconnected from the motor end, thereby reducing the drag torque, effectively reducing the energy consumed by the whole vehicle, and increasing the endurance mileage.



3. **20220203810** HARD-TOP LOOSE-LEAF PLATE STRUCTURE DEVICE FOR REAR COMPARTMENT OF PICKUP TRUCKS — US - 30.06.2022

Int.Class B60J 7/16 **Appl.No** 17134119 **Applicant** JIA-LI SHEN **Inventor** JIA-LI SHEN

Provided is a hard-top loose-leaf plate structure device for a rear compartment of a pickup truck which includes: a main aluminum extrusion strip; a right aluminum extrusion strip which is inserted in a right circular slot on the right of the main aluminum extrusion strip and is freely rotated at 90° or placed flat at 180° on a right circular lug of the main aluminum extrusion strip; a left aluminum extrusion strip which is inserted in a left circular slot on the left of the main aluminum extrusion strip and is freely rotated at 90° or placed flat at 180° on a left circular lug of the main aluminum extrusion strip; and a T-fixing strip.



EN_ALLTXT:(cars OR trucks)

1,962,005 results Offices all Languages all Stemming true Single Family Member false Include NPL false

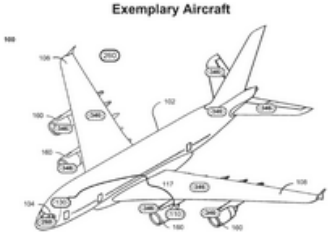
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 19,621 Download Machine translation

1. **20220204180** DECISION-SUPPORT SYSTEM FOR AIRCRAFT REQUIRING EMERGENCY LANDINGS

US - 30.06.2022

Int.Class B64D 45/08 Appl.No 17134139 Applicant GE Aviation Systems LLC Inventor Meinolf Sellmann

A system and method to assist aircraft pilots with rapid decision-making in cases where the pilot needs to make a flight diversion at low altitudes due to an emergency [for example, loss of thrust]. Once an emergency need for diversion is detected, the system and method generates a list of alternative airports the plane can reach given: [i] the current conditions of the plane; [ii] a real-emergency time simulation of evolving conditions of the plane; [iii] the environment at potential landing sites; and [iv] the environment on the flight path to those sites. For airports potentially within reach, the system and method provides a confidence scores for successful landings for alternative simulated landing options. The simulations and confidence scores take into account aircraft position, altitude, speed, and possible further problems with the aircraft for the both the current flight path and for each simulated alternative.

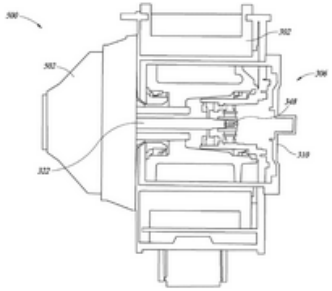


2. **20220204320** ELECTRIC MOTOR ASSEMBLIES AND SPINDLE ASSEMBLIES FOR ROTATION

US - 30.06.2022

Int.Class B66D 1/12 Appl.No 17139559 Applicant PACCAR Inc Inventor Stan DELIZO

The present disclosure is directed to a winch assembly that includes a power drive with a motor component. The motor component of the power drive rotates a member within the winch assembly and the rotation of that member is translated to a rotation component [e.g., a spool, a drum, etc.] of the winch assembly to wind up a line, a cord, a rope, a chain, or some other type of line that can be wound up by the winch assembly. The power drive further includes a casing that surrounds and encases the motor component. In some embodiments, the casing of the power drive may be fully encased within the rotation component of the winch assembly. In some embodiments, the casing of the power drive may be partially inset the rotation component. In some embodiments, the casing of the power drive may be external to the rotation component. The motor component is an electric motor that an operator or user can select parameters desired for operation of the winch assembly depending on the situation of use for the winch assembly.



3. **20220204381** COMBINED COLD FORMING AND HOT FORMING PROCESSES FOR INCREASED DESIGN FLEXIBILITY

US - 30.06.2022

Int.Class C03B 23/03 Appl.No 17606522 Applicant Corning Incorporated Inventor Khaled Lavouni

6. document having the keywords cars and trucks in the title/abstract

Field
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Search terms...
cars AND trucks

FP:(cars AND trucks)

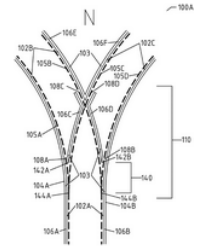
1,904 results Offices all Languages all Stemming true Single Family Member false Include NPL false

Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 20 Download Machine translation

1. **11364940** ADAPTIVE ROUTE RAIL SYSTEM WITH PASSIVE SWITCHES — US - 21.06.2022

Int.Class B61F 13/00 Appl.No 17460188 Applicant Thomas Holtzman Williams Inventor Thomas Holtzman Williams

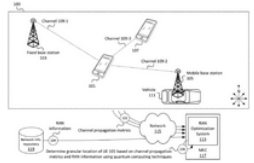
A railroad switch [in USA], turnout, or [set of] points [Europe] is a mechanical installation enabling railway trains to be guided from one track to another, such as at a railway junction or where a spur or siding branches off. This invention describes a rail transportation system that allows vehicles to change tracks at railroad switch locations while all supporting and guiding rails remain static. Vehicles have diverters that apply lateral force to direct the vehicle to go onto the desired track, right, left, or straight ahead. This is enabled by the diverters plus rail wheels that have inside flanges and wide cylindrical surfaces. This innovation allows rail vehicles to travel through a connected rail system like a highway system that is transporting trucks, buses, and cars on paved roads. This system may operate under a computerized traffic control system and allows mass transit systems to respond to ride requests, enabling 24-hour route-adaptive mass transit. The track system can be placed into a road, like tram [or street cars] tracks. Vehicle can form into coupled trains while moving, and passengers can change routes in transit by changing coupled cars. Rail switches can be static for self-switching vehicles, but normally static components can adapt to accommodate conventional rail-switched rail vehicles.



2. **11368211** SYSTEMS AND METHODS FOR GRANULAR USER EQUIPMENT LOCATION DETERMINATION USING QUANTUM COMPUTING — US - 21.06.2022

Int.Class H04B 7/17 Appl.No 17159942 Applicant Verizon Patent and Licensing Inc. Inventor Vamsi Krishna Boyapati

Embodiments described herein provide for the granular network-based detection of UE location in a RAN that includes one or more mobile base stations using quantum computing. Mobile base stations may be, for example, affixed on vehicles [e.g., cars, trucks, drones, etc.], may be implemented by other UEs, and/or may otherwise be non-stationary. In contrast, fixed base stations may be mounted to towers, buildings, or other types of permanent or semi-permanent installations. Quantum computing techniques, as described herein, may aid in the precise determination of UE location using triangulation techniques and/or other network-based location techniques. Further, in RANs that include mobile base stations, the locations of both the UE and a reference point may change relatively rapidly. The use of quantum computing, as described herein, may aid in the fast and precise determination of UE location in situations where mobile base stations and/or UEs are moving rapidly.

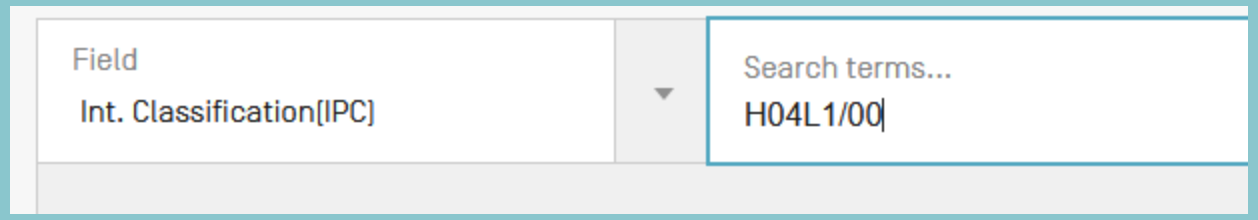


3. **20220173648** MECH-ELECT GENERATOR — US - 02.06.2022

Int.Class H02K 53/00 Appl.No 17533899 Applicant Ronald Vang Inventor Ronald Vang

The present invention is the Mech-Elect Generator system that produces either AC or DC electricity on a 24 hour a day basis. The system has a Flywheel coupled to a generator to rotate together as one moving part

7. document having the IPC code H04L1/00



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207,390 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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1. **2916548** MÉTODO DE ENVÍO DE INFORMACIÓN, MÉTODO DE RECEPCIÓN DE INFORMACIÓN, DISPOSITIVO DEL LADO DE LA RED Y DISPOSITIVO TERMINAL — ES - 01.07.2022
Int.Class H04L 1/00 Appl.No 18818251 Applicant Vivo Mobile Communication Co., Ltd. Inventor WU, Kai

2. **2916425** MÉTODO DE PROCESAMIENTO DE LA INFORMACIÓN, DISPOSITIVO Y SISTEMA DE COMUNICACIONES — ES - 01.07.2022
Int.Class H04L 1/00 Appl.No 18736178 Applicant Huawei Technologies Co., Ltd. Inventor ZHENG, Chen

3. **20220210802** METHOD FOR TRANSMITTING OR RECEIVING SIGNAL FOR MULTIPLE TRANSPORT BLOCK SCHEDULING AND APPARATUS THEREFOR — US - 30.06.2022
Int.Class H04W 72/12 Appl.No 17605838 Applicant LG Electronics Inc. Inventor Seunggye HWANG

The present invention relates to a method for transmitting hybrid automatic repeat request acknowledgement [HARQ-ACK] information by a half duplex [HD]-frequency division duplex [FDD] method in a wireless communication system supporting multiple transport block scheduling, and an apparatus therefor. The method comprises: receiving downlink control information [DCI] scheduling N transport blocks; repeatedly receiving the N transport blocks on the basis of the DCI by R times without interleaving; and starting transmission of hybrid automatic repeat request acknowledgement [HARQ-ACK] information of the N transport blocks after a particular number of subframes from a time point at which the reception of the N transport blocks is complete, wherein the particular number is determined to be the larger value among 1 and

National Biblio. Data | Description | Claims | Drawings | Patent Family | Documents

Office
United States of America

Application Number
17605838

Application Date
29.04.2020

Publication Number
20220210802

Publication Date
30.06.2022

Publication Kind
A1

IPC
H04W 72/12 | H04L 1/18 | H04L 5/00 | H04L 5/16

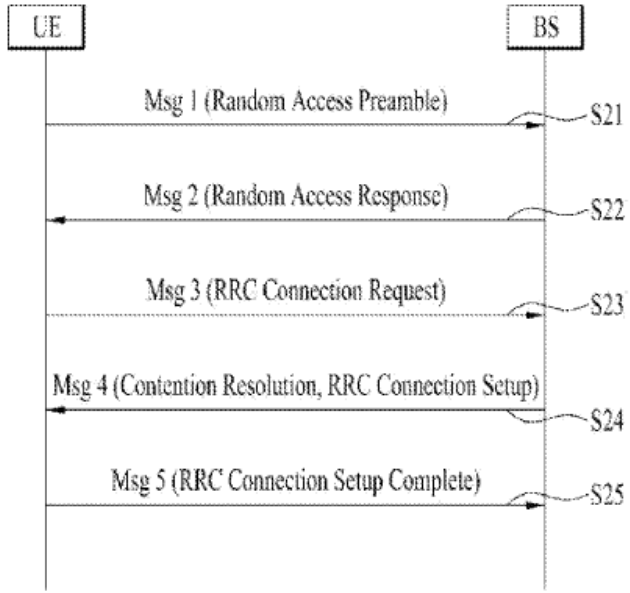
CPC
H04W 72/1289 | H04W 72/1263 | H04L 5/16 | H04L 5/0053 | H04L 1/1812

Applicants
LG Electronics Inc.

Inventors
Seunggye HWANG
Jaehyung KIM
Changhwan PARK

Priority Data
10-2019-0052429 03.05.2019 KR
10-2019-0142882 08.11.2019 KR

Title
[EN] METHOD FOR TRANSMITTING OR RECEIVING SIGNAL FOR MULTIPLE TRANSPORT BLOCK SCHEDULING AND APPARATUS THEREFOR



Abstract
[EN]
The present invention relates to a method for transmitting hybrid automatic repeat request acknowledgement [HARQ-ACK] information by a half method in a wireless communication system supporting multiple transport block scheduling, and an apparatus therefor. The method comprises: scheduling N transport blocks; repeatedly receiving the N transport blocks on the basis of the DCI by R times without interleaving; and starting tran acknowledgement [HARQ-ACK] information of the N transport blocks after a particular number of subframes from a time point at which the rece wherein the particular number is determined to be the larger value among 1 and [3-[N-1]*R].

Related patent documents
WO/2020/226356 | KR1020210151100 | CN113796147 | EP3944537

8. document belonging to Apple

Field
Names

Search terms...
apple

ALLNAMES:(apple)

61,132 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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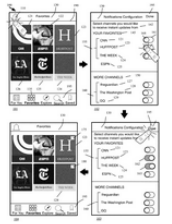
1. **20220210238** NOTIFICATIONS AND SUBSCRIPTIONS FOR A DEVICE NEWS APPLICATION — US - 30.06.2022

Int.Class H04L 67/55 **Appl.No** 17549385 **Applicant** Apple Inc. **Inventor** Shawn D. Moon

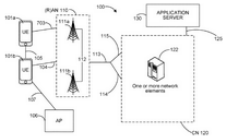
A method of providing subscription for a news channel by a news application of an electronic device is provided. The method displays a summary list of a set of articles from a news channel. The summary list includes an article that requires a subscription to the news channel in order to display the article. The method receives a selection to display the full article. The method determines that the device does not include a subscription to the news channel. The method displays a subscription offer by the news application. The subscription offer is optionally provided by a publisher of the news channel.



2. **20220210675** MEASUREMENT GAP DESIGN FOR NE-DC MODE — US - 30.06.2022

Int.Class H04W 24/08 **Appl.No** 17429720 **Applicant** Apple Inc. **Inventor** Jie CUI

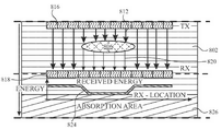
The present disclosure is directed to systems and methods for determining a starting point of a measurement gap. For example, the present disclosure is directed to a user equipment (UE) that includes a memory and processor circuitry coupled to the memory. The processor circuitry may be configured to receive an indication of a measurement gap timing advance. The processor circuitry may be further configured to, based on the indication of the measurement gap timing advance, determine a starting point of a measurement gap in a dual connectivity mode that provides dual connectivity with a new radio (NR) and an evolved universal mobile telecommunications system terrestrial radio access (EUTRA). The NR may serve as a master Radio Access Network (RAN) and the EUTRA may serve as a secondary RAN. The processor circuitry may also be configured to perform a signal quality measurement during the measurement gap, wherein the signal quality measurement is performed on a target cell of the NR or EUTRA.



3. **20220206630** ULTRASONIC TOUCH SENSING PARASITIC WAVE REJECTION — US - 30.06.2022

Int.Class G06F 3/043 **Appl.No** 17139598 **Applicant** Apple Inc. **Inventor** Ehsan KHAJEH

Improving the accuracy of ultrasonic touch sensing via the reduction, elimination and/or rejection of parasitic ultrasonic reflections caused by unintended touches is disclosed. The adverse effects of these parasitic reflections can be mitigated by disrupting the symmetry of the true reflections (from the intended touch) and the parasitic reflections (from unintended touches) so that the true touch can be disambiguated from unintended touches. Identification of the true touch can then enable accurate touch localization.



Field
Front Page

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apple

FP:(apple)

82,530 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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1. **104521673** METHOD FOR PROTECTING SEVEN VARIETIES CAPABLE OF ENABLING POTTED APPLE PLANTS AND POTTED APPLE LANDSCAPE TO BE SOLD IN MARKET IN SPRING FESTIVAL — CN - 22.04.2015

Int.Class A01G 17/00 Appl.No 201510008172.8 Applicant TANG ZHAOQING Inventor TANG ZHAOQING

The invention discloses a method for protecting seven varieties capable of enabling potted apple plants and potted apple landscape to be sold in the market in the Spring Festival. An inventor tries to screen out the seven varieties, which are a Fuji apple series variety, a large ralls janet variety, a small ralls janet variety, a Chenguan apple variety, a pink lady apple variety, a Hanfu apple variety and a new unknown variety, from more than 100 varieties both at home and abroad through many times of experiments, many methods and many years on the basis of demonstration small experiments, apples of the seven varieties can be kept on trees from the mature period of ten October to ten March of the next year and cannot fall off, and the apples can be kept on the trees for five months only through the 201410060966.4 patent technology registered by the inventor in the patent office of China. The method has the maximum advantage that leaf and fruit falling happens to the potted apple plants and the potted apple landscape later by five months compared with potted apple plants and potted apple landscape of common apple varieties, the potted apple plants and the potted apple landscape are sold in the market in the Spring Festival, leaves of the potted apple plants and the potted apple landscape are green, the fruits of the potted apple plants and the potted apple landscape are red, naturally, the price is 2-3 times higher than the prize in the Mid-autumn Festival, the common varieties are turned into top-grade varieties, and high social benefits and economic benefits can be generated.

2. **107467334** PREPARATION METHOD OF APPLE SLICES — CN - 15.12.2017

Int.Class A23G 3/48 Appl.No 201710584540.2 Applicant ANHUI DANGSHAN HAISHENG FRUIT CO., LTD. Inventor LIU SHAN

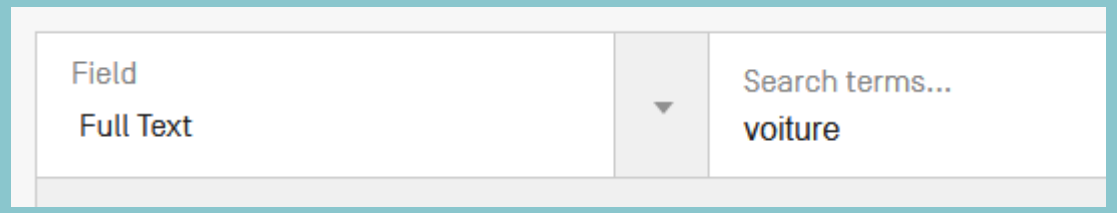
The invention discloses a preparation method of apple slices, and belongs to the field of fruit processing. According to the preparation method of apple slices disclosed by the invention, the defect that an ordinary apple is not liable to be stored for a long time can be effectively overcome. The preparation method comprises the following steps of thoroughly cleaning a red apple with clear water, then peeling the cleaned apple with a knife, cutting the apple into halves, removing the cores of the apple, and cutting the apple without cores into slices; placing 1 kg of table salt into a basin, then adding 10 kg of water, placing the apple slices into the salt water, performing soaking for 1 day, fishing out the soaked apple slices with a colander, placing the fished-out apple slices into a bucket, adding 10 kg of clear water into the bucket, and rinsing the apple slices for 15 minutes; placing 10 kg of white sugar into in a clean basin, then adding 5 kg of water, placing the apple slices into the basin and performing soaking for 10 hours; fishing out the sugared apple slices with the colander, placing the fished-out apple slices into a sieve, then placing the apple slices into an oven, and performing baking for 30 minutes so as to dry excessive water in the apple slices; and packaging the prepared apple slices with plastic bags, wherein 150 grams of the apple slices are packed in each plastic bag. The preparation method of the apple slices disclosed by the invention is mainly used for producing apple slices.

3. **106222066** DANDELION APPLE CIDER VINEGAR AND PREPARATION METHOD THEREOF — CN - 14.12.2016

Int.Class C12J 1/08 Appl.No 201610775074.1 Applicant SHANXI ZEYUAN FOOD CO., LTD. Inventor JING JIANGUO

The invention discloses a dandelion apple cider vinegar and a preparation method thereof, and belongs to the technical field of biological engineering; the dandelion apple cider vinegar is prepared through the following steps: using preserved apple processing by-product as a raw material, fermenting to obtain the apple cider vinegar, mixing the apple cider vinegar with the dandelion in the volume ratio of the apple cider vinegar to dandelion juice of 10-15: 3-5, adding honey and white granulated sugar to prepare the dandelion apple cider vinegar, wherein the honey occupies 4%-8% of the total mass of the dandelion apple cider vinegar, and the white granulated sugar occupies 6%-10% of the total mass of the dandelion apple cider vinegar; the preparation method comprises the following steps: preparing the dandelion juice, fermenting and preparing the apple fruit wine, fermenting and preparing the apple cider vinegar, blending, filtering, sterilizing and filling. The apple waste and waste sugar liquor produced in the preserved apple processing are used for fermenting to prepare the apple cider vinegar, the waste is turned into the wealth, the cost is lowered, the resource is saved, and environment pollution is reduced. The dandelion apple cider vinegar disclosed by the invention contains multivitamin, minerals, flavonoid active substance and other nutritional substances, and has the obvious effects of being antioxidative, bacteriostatic, and capable of reducing blood fat and reducing blood sugar.

9. documents having voiture (car in French) in the full-text



EN_ALLTXT:(voiture)

205 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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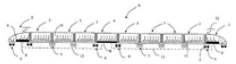
1. **2619198** DRIVING MOTOR CAR FOR THE TRANSPORT OF TRAVELERS — CA - 09.08.2008

Int.Class B61C 3/00 Appl.No 2619198 Applicant ALSTOM TRANSPORT SA Inventor PALAIS, GEORGES

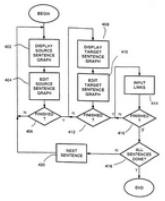
This motor car is the type including: - cars [2, 3, 4], including two pilot cars [2] and intermediate cars [3, 4]; - carrier bogies [7], engine bogies [6] including at least one engine axle [5]; - traction chains [8] capable of supplying power to the engine bogies [6]. According to one aspect of the invention, all the cars [2, 3, 4] have traveller compartments [10], the motor car is entirely articulated, the traction chains [8] are located in three cars [2, 4] and a bogie engine [6] is located under at least one extremity of each car [2, 4] receiving a traction chain [8].



2. **20050137853** MACHINE TRANSLATION — US - 23.06.2005

Int.Class G06F 17/20 Appl.No 10508418 Applicant APPLEBY STEPHEN C. Inventor Appleby Stephen C.

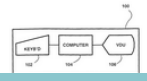
A computer natural language translation system, comprising: means for inputting source language text; means for outputting target language text; transfer means for generating said target language text from said source language text using stored translation data generated from examples of source and corresponding target language texts, in which said stored translation data comprises a plurality of translation units each consisting of an aligned language unit (e.g. word). This invention generates the translation units for the translation system from a new source-target translation pair of examples, by generating an analysis of one of the texts, then finding, using a wildcard substitution process, a language unit which can be modified to generate a new language unit making the system able to translate the texts.



3. **1349079** MACHINE TRANSLATION — EP - 01.10.2003

Int.Class G06F 17/28 Appl.No 02252326 Applicant BRITISH TELECOMM Inventor APPLEBY STEPHEN CLIFFORD

A computer natural language translation system, comprising: means for inputting source language text; means for outputting target language text; transfer means for generating said target language text from said source language text using stored translation data generated from examples of source and corresponding target language texts, in which said stored translation data comprises a plurality of translation units each consisting of an aligned language unit (e.g. word). This invention generates the translation units for the translation system from a new source-target translation pair of examples, by generating an analysis of



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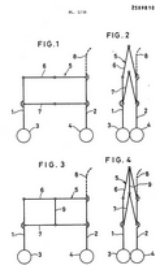
1. **2589810** VOITURE D'ENFANT

FR - 15.05.1987

CIB B62B 7/06 N° de demande 8611136 Déposant APRICA KASSAI KK Inventeur KENZOU KASSAI

L'INVENTION CONCERNE UNE VOITURE D'ENFANT.

ELLE COMPREND DEUX PIEDS AVANT 1, DEUX PIEDS ARRIERE 2, UNE PARTIE SIEGE 60, 61 ET DES CHASSIS LATERAUX 5 S'ETENDANT CHACUN ENTRE LES PIEDS AVANT ET ARRIERE 1 ET 2 DU MEME COTE. CHAQUE CHASSIS LATERAL PEUT ETRE PLIE DANS UN PLAN LATERAL DE LA VOITURE D'ENFANT, DE TELLE FACON QUE, LORSQUE LES CHASSIS LATERAUX PRENNENT L'ETAT ALLONGE, LES PIEDS ANTERIEUR ET POSTERIEUR S'ECARTENT DEFINISSANT L'ETAT D'OUVERTURE DE LA VOITURE D'ENFANT, TANDIS QUE, LORSQUE LES CHASSIS LATERAUX PRENNENT LA POSITION PLIEE, LES PIEDS ANTERIEUR ET POSTERIEUR SE RAPPROCHENT DEFINISSANT L'ETAT FERME DE LA VOITURE D'ENFANT.



2. **2367647** VOITURE

FR - 12.05.1978

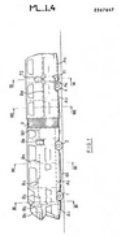
CIB B62D 31/04 N° de demande 7731540 Déposant NAUTA FREDERIK Inventeur

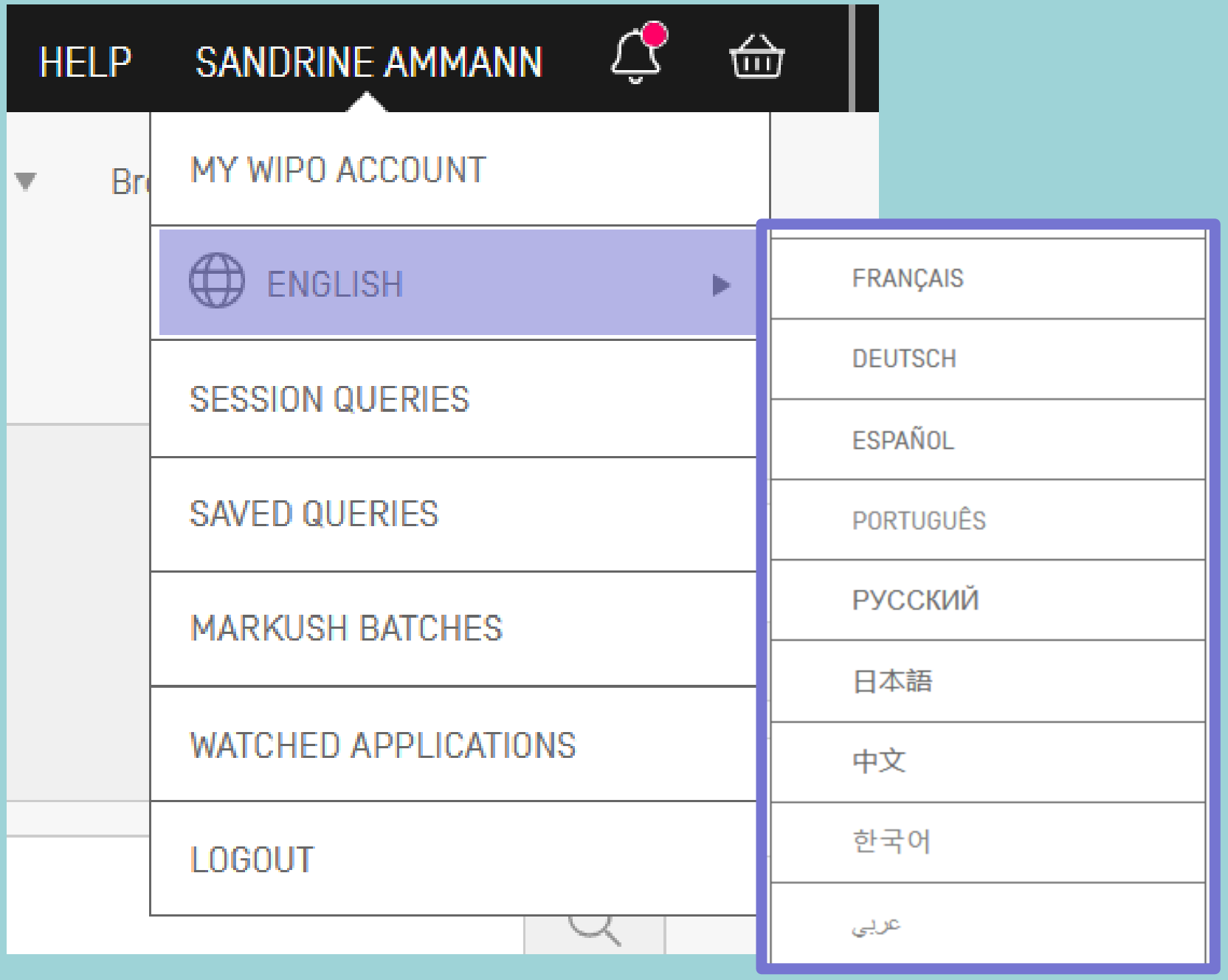
La présente invention concerne une voiture couchettes à deux étages de compartiments.

Cette voiture est caractérisée par le fait que le plancher intermédiaire entre lesdits étages détermine sur un côté de la voiture un premier niveau élevé et sur l'autre côté un second niveau plus bas que le premier.

Les compartiments les plus hauts d'un étage correspondent à ceux les plus bas de l'autre étage et inversement

Le corridor de l'étage inférieur est situé à l'endroit le plus élevé et celui de l'étage supérieur sur la partie de plancher située au-dessus du niveau le plus bas de l'étage inférieur.

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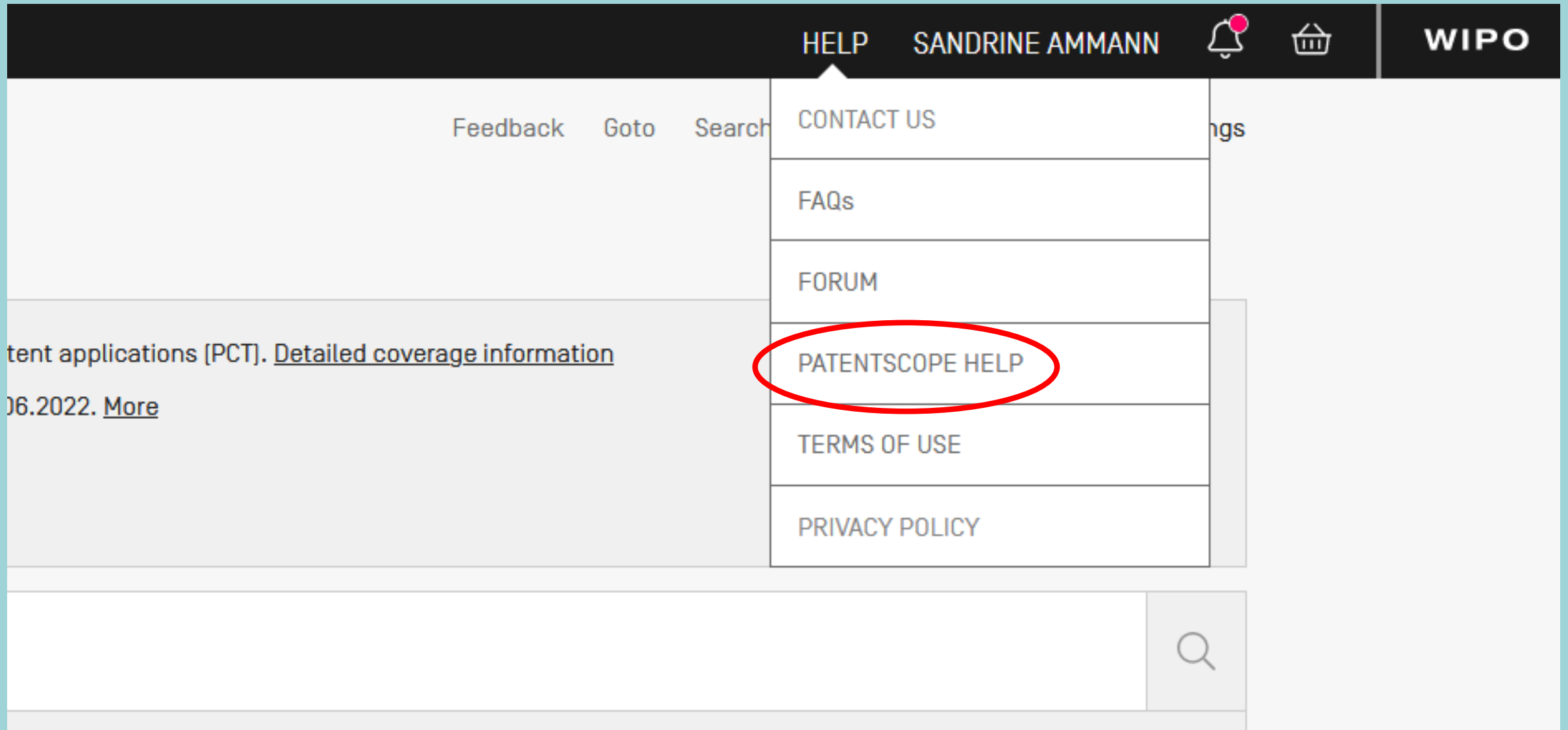
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- Wildcards and fields in PATENTSCOPE [Mar 31, 2022]
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207,390 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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1. **2916548** MÉTODO DE ENVÍO DE INFORMACIÓN, MÉTODO DE RECEPCIÓN DE INFORMACIÓN, DISPOSITIVO DEL LADO DE LA RED Y DISPOSITIVO TERMINAL — ES - 01.07.2022

Int.Class H04L 1/00 Appl.No 18818251 Applicant Vivo Mobile Communication Co., Ltd. Inventor WU, Kai

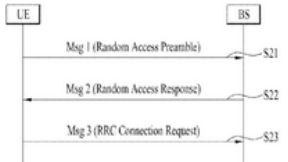
2. **2916425** MÉTODO DE PROCESAMIENTO DE LA INFORMACIÓN, DISPOSITIVO Y SISTEMA DE COMUNICACIONES — ES - 01.07.2022

Int.Class H04L 1/00 Appl.No 18736178 Applicant Huawei Technologies Co., Ltd. Inventor ZHENG, Chen

3. **20220210802** METHOD FOR TRANSMITTING OR RECEIVING SIGNAL FOR MULTIPLE TRANSPORT BLOCK SCHEDULING AND APPARATUS THEREFOR — US - 30.06.2022

Int.Class H04W 72/12 Appl.No 17605838 Applicant LG Electronics Inc. Inventor Seunggye HWANG

The present invention relates to a method for transmitting hybrid automatic repeat request acknowledgement [HARQ-ACK] information by a half duplex [HD]-frequency division duplex [FDD] method in a wireless communication system supporting multiple transport block scheduling, and an apparatus therefor. The method comprises: receiving downlink control information [DCI] scheduling N transport blocks; repeatedly receiving the N transport blocks on the basis of the DCI by R times without interleaving; and starting transmission of hybrid automatic repeat request acknowledgement [HARQ-ACK] information of the N transport blocks after a particular number of subframes from a time point at which the reception of the N transport blocks is complete, wherein the particular number is determined to be the larger value among 1 and [3-[N-1]*R].



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1. **2916548** MÉTODO DE ENVÍO DE INFORMACIÓN, MÉTODO DE RECEPCIÓN DE INFORMACIÓN, DISPOSITIVO DEL LADO DE LA RED Y DISPOSITIVO TERMINAL — ES - 01.07.2022

Int.Class H04L 1/00 **Appl.No** 18818251 **Applicant** Vivo Mobile Communication Co., Ltd. **Inventor** WU, Kai

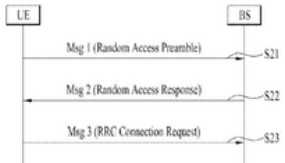
2. **2916425** MÉTODO DE PROCESAMIENTO DE LA INFORMACIÓN, DISPOSITIVO Y SISTEMA DE COMUNICACIONES — ES - 01.07.2022

Int.Class H04L 1/00 **Appl.No** 18736178 **Applicant** Huawei Technologies Co., Ltd. **Inventor** ZHENG, Chen

3. **20220210802** METHOD FOR TRANSMITTING OR RECEIVING SIGNAL FOR MULTIPLE TRANSPORT BLOCK SCHEDULING AND APPARATUS THEREFOR — US - 30.06.2022

Int.Class H04W 72/12 **Appl.No** 17605838 **Applicant** LG Electronics Inc. **Inventor** Seunggye HWANG

The present invention relates to a method for transmitting hybrid automatic repeat request acknowledgement [HARQ-ACK] information by a half duplex [HD]-frequency division duplex [FDD] method in a wireless communication system supporting multiple transport block scheduling, and an apparatus therefor. The method comprises: receiving downlink control information [DCI] scheduling N transport blocks; repeatedly receiving the N transport blocks on the basis of the DCI by R times without interleaving; and starting transmission of hybrid automatic repeat request acknowledgement [HARQ-ACK] information of the N transport blocks after a particular number of subframes from a time point at which the reception of the N transport blocks is complete, wherein the particular number is determined to be the larger value among 1 and [3−[N−1]*R].



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207,390 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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DE INFORMACIÓN, DISPOSITIVO DEL LADO DE LA RED Y DISPOSITIVO TERMINAL

ES - 01.07.2022

Appl. Co., Ltd. Inventor WU, Kai

2. **2916425** MÉTODO DE PROCESAMIENTO DE LA INFORMACIÓN, DISPOSITIVO Y SISTEMA DE COMUNICACIONES

ES - 01.07.2022

Int.Class H04L 1/00 Appl.No 18736178 Applicant Huawei Technologies Co., Ltd. Inventor ZHENG, Chen

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US - 30.06.2022

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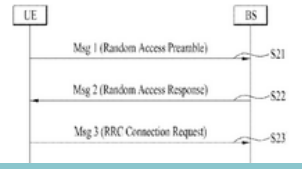

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1. **2916548** MÉTODO [illegible] ...7.2022

Int.Class H04L 1/00

2. **2916425** MÉTODO DE PROCESAMIENTO DE LA INFORMACIÓN, DISPOSITIVO Y SISTEMA DE COMUNICACIONES — ES - 01.07.2022

Int.Class H04L 1/00 | Appl.No 18736178 | Applicant Huawei Technologies Co., Ltd. | Inventor ZHENG, Chen

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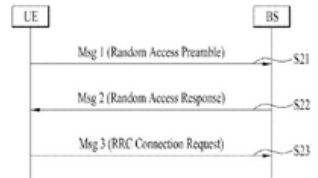

11. WO2021104442 - METHOD AND COMPOSITIONS FOR PREDICTING ANTI-CANCER EFFICACY OF COMPOUNDS TARGETING APOPTOSIS PATHWAY

Publication Number
WO/2021/104442

Publication Date
03.06.2021

International Application No.
PCT/CN2020/132191

International Filing Date
27.11.2020

IPC
A61K 31/407 2006.01 | A61K 31/498 2006.01 | C07D 487/10 2006.01 | C07D 471/04 2006.01 | C07D 401/14 2006.01 | C12Q 1/68 2018.01
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Applicants
ASCENTAGE PHARMA [SUZHOU] CO., LTD. [CN]/[CN]
Unit 701, Building B7, 218 Xinghu Street
Suzhou Industrial Park Suzhou, Jiangsu
215000, CN
ASCENTAGE PHARMA GROUP CORP LIMITED [CN]/[CN]
9/F, Wah Yuen Building 149 Queen' S Road
Central Hong Kong, CN

Inventors
ZHAI, Yifan
YANG, Dajun
FANG, Douglas D.
TAO, Ran

Agents
JUN HE LAW OFFICES
20/F, China Resources Building 8
Jianguomenbei Avenue Beijing 100005, CN

Priority Data
PCT/CN2019/121214 27.11.2019 CN

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Filing Language
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Designated States
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Title
[EN] METHOD AND COMPOSITIONS FOR PREDICTING ANTI-CANCER EFFICACY OF COMPOUNDS TARGETING APOPTOSIS PATHWAY
[FR] MÉTHODE ET COMPOSITIONS POUR PRÉDIRE L'EFFICACITÉ ANTICANCÉREUSE DE COMPOSÉS CIBLANT LA VOIE DE L'APOPTOSE

Abstract
[EN]
Provided are biomarkers for predicting the efficacy of MDM2 inhibitor or Bcl-2/Bcl-xL dual inhibitors or Bcl-2 inhibitor or Bcl-xL inhibitor in treating cancer patients. Also provided are compositions, e.g., kits, for evaluating gene levels of the biomarkers and methods of using such gene levels to predict a cancer patient's response to the MDM2 inhibitors or Bcl-2/Bcl-xL dual inhibitors or Bcl-2 inhibitor or Bcl-xL inhibitor. Such information can be used in determining prognosis and treatment options for cancer patients.
[FR]
L'invention concerne des biomarqueurs pour prédire l'efficacité d'un inhibiteur de MDM2 ou de doubles inhibiteurs de Bcl -2/Bcl-xL ou d'un inhibiteur de Bcl-2 ou d'un inhibiteur de Bcl-xL dans le traitement de patients atteints de cancer. L'invention concerne également des compositions, par exemple, des kits, pour évaluer les niveaux de gènes des biomarqueurs et des méthodes d'utilisation de tels niveaux de gènes pour prédire une réponse d'un patient cancéreux aux inhibiteurs de MDM2 ou aux doubles inhibiteurs de Bcl-2/Bcl-xL ou à un inhibiteur de Bcl -2 ou à un inhibiteur de Bcl-xL. De telles informations peuvent être utilisées pour déterminer des options de pronostic et de traitement pour des patients atteints d'un cancer.

Also published as
CN112852959

EN_AB:(biomarker NEAR10 cancer)

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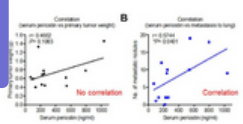
1. **1020170097956** METHOD FOR SCREENING CANCER BIOMARKERS BY USING CAPILLARY WESTERN BLOT ASSAY — KR - 29.08.2017

Int.Class G01N 33/574 **Appl.No** 1020160019700 **Applicant** EWHA UNIVERSITY - INDUSTRY COLLABORATION FOUNDATION **Inventor** SHEEN, YHUN YHONG

The present invention relates to a method for screening cancer biomarkers or cancer metastasis biomarkers using capillary western blot assay. According to the present invention, cancer biomarkers or cancer metastasis is stored by rapidly and precisely screened. Accordingly, the method can be used for developing biomarkers useful for initial diagnosis and clinical stage judgment of cancer. COPYRIGHT KIPO 2017



2. **20150072890** METHODS AND COMPOSITIONS FOR AIDING IN THE DETECTION OF LUNG CANCER — US - 12.03.2015

Int.Class C12Q 1/68 **Appl.No** 14483503 **Applicant** William James **Inventor** William James

A lung cancer biomarker panel comprising an microRNA (miRNA) lung cancer biomarker and at least one additional lung cancer biomarker selected from a tumor protein (TP) lung cancer biomarker and/or a autoantibody (AAB) lung cancer biomarker is provided herein and methods for screening patients for lung cancer. The present lung cancer biomarker panel provides an improvement in sensitivity and diagnostic accuracy for lung cancer as compared to a lung cancer biomarker panel without the miRNA biomarkers.

3. **WO/2020/160108** LIPID BIOMARKERS FOR CANCER SCREENING AND MONITORING — WO - 06.08.2020

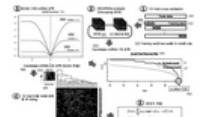
Int.Class G01N 33/92 **Appl.No** PCT/US2020/015617 **Applicant** ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA **Inventor** CHILTON, Floyd H.

Provided herein are biomarkers for cancer screening and monitoring. In particular, provided herein are lipid biomarkers for cancer diagnosis, prognosis, risk, and response to treatment.

4. **WO/2017/099414** METHOD FOR DISCOVERY OF MICRORNA BIOMARKER FOR CANCER DIAGNOSIS, AND USE THEREOF — WO - 15.06.2017

Int.Class G06F 19/18 **Appl.No** PCT/KR2016/013975 **Applicant** LG ELECTRONICS INC. **Inventor** LEE, Jaehoon

The present invention relates to a method for discovery of a novel miRNA biomarker for cancer diagnosis, a biomarker for diagnosis of bile duct cancer or pancreatic cancer which has been discovered through the method for discovery of a biomarker, a method for diagnosing cancer, comprising a step in which cancer is diagnosed when f(x) > 0 by substitution of the expression level of the miRNA biomarker, which is detected by the method for discovery of an miRNA biomarker for cancer diagnosis, in a sample into a novel SVM classifier function, a kit for diagnosing bile duct cancer or pancreatic cancer comprising the biomarker for diagnosing bile duct cancer or pancreatic cancer, and a computing device for performing a process of diagnosing cancer when f(x) > 0 as a result of a calculation by substitution of the expression level of an miRNA biomarker, which is detected by the method for discovery of an miRNA biomarker for cancer diagnosis, into the novel SVM



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2. Limit your result to the PCT collection

3. Sort by Publication Date Descending

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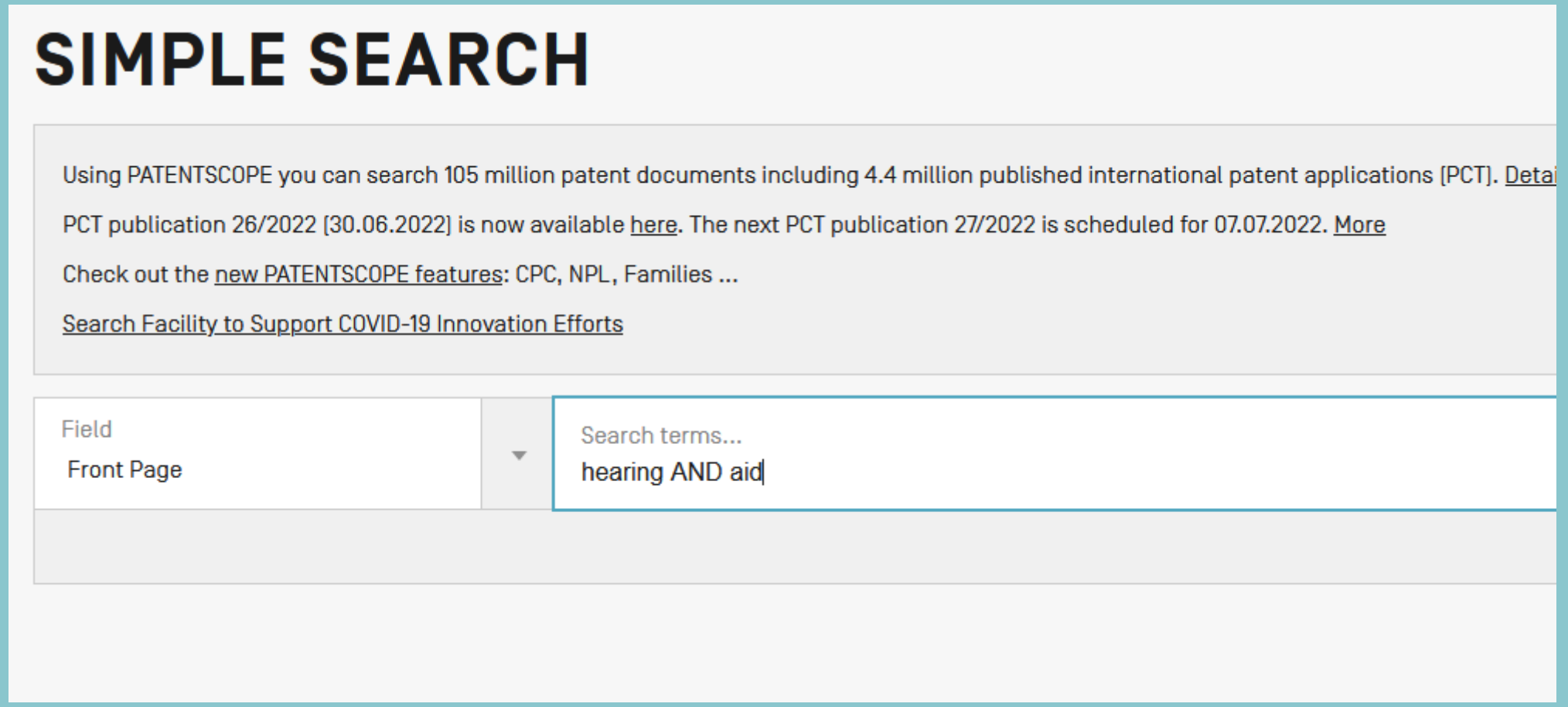

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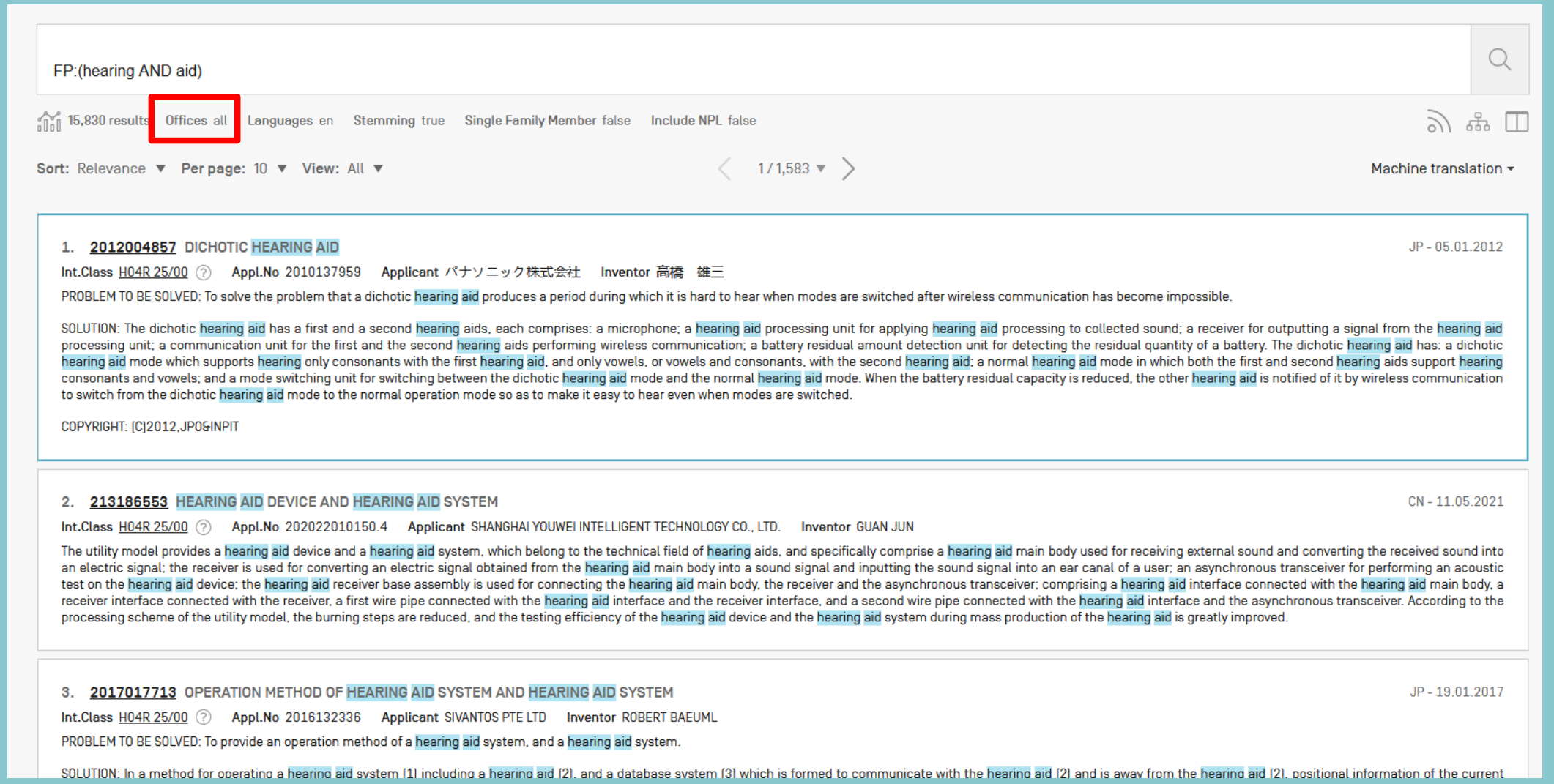

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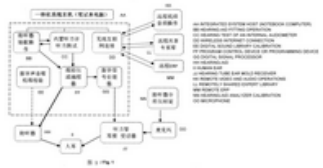
1. **WO/2013/033872** PORTABLE INTEGRATED SYSTEM FOR HEARING TEST AND HEARING-AID FITTING

WO - 14.03.2013

Int.Class A61B 5/12 **Appl.No** PCT/CN2011/001609 **Applicant** JIANGSU BETTERLIFE MEDICAL CO., LTD **Inventor** ZHAO, Yong David

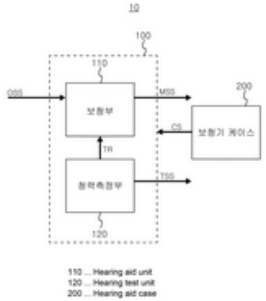


The present invention relates to a hearing test and hearing-aid fitting system. The system comprises: a main body, a control unit disposed in the main body, and a hearing test device, a hearing-aid fitting device, a wireless Internet device, and a remote expert library sharing device that are electrically and mechanically connected to the control unit. The hearing test device comprises an internal audiometer, a hearing-aid fitting program, and an external hearing device. The hearing test device inputs detected air-conducted and bone-conducted comprehensive hearing (audio signals of loudness decibels that can be heard by the patient at different frequencies) related to a hearing-aid worn by a patient to the hearing-aid fitting device that is directly coupled to the hearing test device. The technical solution provides a portable integrated intelligent system for hearing test and hearing-aid fitting based on a notebook computer; the internal audiometer and the hearing-aid fitting program are coupled into one device, so that a hearing test environment and a hearing-aid fitting environment are exactly matched, and real hearing related to the hearing-aid fitting environment is measured at a non-silence environment. The real hearing can also be converted to pure tone hearing. Meanwhile, the detected air-conducted and bone-conducted comprehensive hearing is seamlessly input to the hearing-aid fitting device completely, thereby improving the actual use effectiveness of the hearing-aid, avoiding the error that the silence hearing test environment and the hearing-aid wearing and use environment are not matched, greatly reducing time required for the hearing test and hearing-aid fitting, and reducing the equipment cost and the service cost.

2. **WO/2021/107639** MULTIFUNCTIONAL HEARING AID SYSTEM

WO - 03.06.2021

Int.Class H04R 25/00 **Appl.No** PCT/KR2020/016964 **Applicant** REDEEM CO., LTD. **Inventor** BUM, Jae Ryong



A hearing aid system, according to one embodiment of the present invention, may comprise a hearing aid and a hearing aid case. In a normal mode, the hearing aid provides a corrected sound signal by amplifying an external sound signal, and in a hearing test mode, the hearing aid may measure the hearing of a user by adjusting the magnitude and frequency of a test sound signal according to a control signal. The hearing aid case provides the control signal and enables storing the hearing aid. The hearing aid system, according to the present invention, operates as the hearing aid in the normal mode, and in the hearing test mode, carries out fitting of the hearing aid on the basis of the hearing test result of the user, measured by a hearing test unit, and thus a hearing aid function and a fitting function may be both carried out in a personalized way by a single system.

3. Sort by Publication Date Descending

FP:(hearing AND aid)

1,536 results Offices WO Languages all Stemming true Single Family Member false Include NPL false

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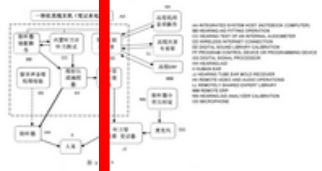
App Date Asc

1. PORTABLE INTEGRATED SYSTEM FOR HEARING TEST AND HEARING-AID FITTING

WO - 14.03.2013

In Appl.No PCT/CN2011/001609 Applicant JIANGSU BETTERLIFE MEDICAL CO., LTD Inventor ZHAO, Yong David

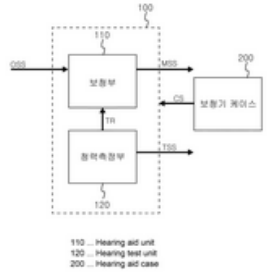


Th ...tes to a hearing test and hearing-aid fitting system. The system comprises: a main body, a control unit disposed in the main body, and a hearing test device, a hearing-aid fitting device, a wi ...and a remote expert library sharing device that are electrically and mechanically connected to the control unit. The hearing test device comprises an internal audiometer, a hearing-aid fitting program, and an external hearing device. The hearing test device inputs detected air-conducted and bone-conducted comprehensive hearing (audio signals of loudness decibels that can be heard by the patient at different frequencies) related to a hearing-aid worn by a patient to the hearing-aid fitting device that is directly coupled to the hearing test device. The technical solution provides a portable integrated intelligent system for hearing test and hearing-aid fitting based on a notebook computer; the internal audiometer and the hearing-aid fitting program are coupled into one device, so that a hearing test environment and a hearing-aid fitting environment are exactly matched, and real hearing related to the hearing-aid fitting environment is measured at a non-silence environment. The real hearing can also be converted to pure tone hearing. Meanwhile, the detected air-conducted and bone-conducted comprehensive hearing is seamlessly input to the hearing-aid fitting device completely, thereby improving the actual use effectiveness of the hearing-aid, avoiding the error that the silence hearing test environment and the hearing-aid wearing and use environment are not matched, greatly reducing time required for the hearing test and hearing-aid fitting, and reducing the equipment cost and the service cost.

2. WO/2021/107639 MULTIFUNCTIONAL HEARING AID SYSTEM

WO - 03.06.2021

Int.Class H04R 25/00 Appl.No PCT/KR2020/016964 Applicant REDEEM CO., LTD. Inventor BUM, Jae Ryong



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1. **WO/2022/128082** METHOD FOR OPERATING A HEARING SYSTEM, AND HEARING SYSTEM

WO - 23.06.2022

Int.Class H04R 25/00 **Appl.No** PCT/EP2020/086518 **Applicant** SIVANTOS PTE. LTD. **Inventor** WURZBACHER, Tobias

The invention relates to a method (40) for operating a hearing system (2) which comprises a hearing aid (4) with at least one input transducer (12) and an output transducer (20) as well as a motion sensor (24), in which a movement of a user of the hearing system is detected as movement data (26) of the motion sensor (24), wherein a probability for a future falling event of the user of the hearing system is determined based on the detected movement data (26), and wherein a perceptible warning signal is generated if the probability reaches or exceeds a stored threshold value.

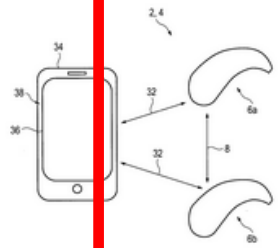


Fig. 2

2. **WO/2022/128083** METHOD FOR DETERMINING THE HEARING EFFORT OF A HEARING AID WEARER AND CORRESPONDING ADJUSTMENT OF HEARING AID PARAMETERS

WO - 23.06.2022

Int.Class H04R 25/00 **Appl.No** PCT/EP2020/086520 **Applicant** SIVANTOS PTE. LTD. **Inventor** WURZBACHER, Tobias

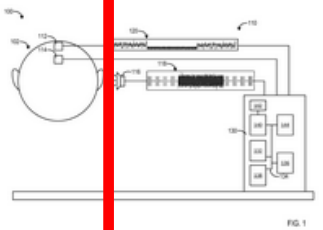
The invention relates to a method (40) for operating a hearing system (2) which comprises a hearing aid (4) having at least one input converter (12) and having an output converter (20) and having a motion sensor (24), wherein: an acoustic environmental situation of the hearing aid (4) is sensed as acoustic data (14) of the input converter (12), a characterization of the acoustic environmental situation is made on the basis of the sensed acoustic data (14), a measure of a hearing effort of the hearing system user (2) is determined on the basis of the sensed motion data (26) and the characterization, and a hearing aid parameter and/or a hearing aid power of the hearing aid (4) is adjusted according to the determined hearing effort.

3. **WO/2022/133311** TINNITUS TREATMENT AND ANALYSIS

WO - 23.06.2022

Int.Class A61B 5/12 **Appl.No** PCT/US2021/064206 **Applicant** UNIVERSITY OF CONNECTICUT **Inventor** OLIVER, Douglas, L.

Disclosed is a method. The method may include receiving first data based on a stimulus defined according to a patient. The method may include receiving second data based on the stimulus. The method may include determining an indication of tinnitus. The indication of tinnitus may be based on a comparison between the first data and the second data. The method may include administering a tinnitus treatment on the patient. The treatment may be based on the indication. A tinnitus treatment may include one or more of an biological feedback with the patient, transcranial magnetic stimulation of the patient, surgical insertion of the cochlear implant, the cognitive behavioral therapy, the transcutaneous electrical stimulation, pharmacologic therapy on the patient, or applying a hearing aid to the patient.



4. **WO/2022/119746** COMBINATION HEARING AID AND COCHLEAR IMPLANT SYSTEM

WO - 09.06.2022

Int.Class A61N 1/36 **Appl.No** PCT/US2021/060713 **Applicant** ENVOY MEDICAL CORPORATION **Inventor** MAZANEC, Paul R.

4. Display the results only with images

FP:(hearing AND aid)

1,536 results Offices WO Languages all Stemming true Single Family Member false Include NPL false

Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 16 Download Machine translation

Simple
Double
All
All+Image
Image
Multi-columns

1. **WO/2022/128082** METHOD FOR OPERATIN[G] [A] [H]EARING SYSTEM, AND HEARING SYSTEM — WO - 23.06.2022

Int.Class H04R 25/00 Appl.No PCT/EP2020/08[6] [S]IVANTOS PTE. LTD. Inventor WURZBACHER, Tobias

The invention relates to a method [40] for operating a [h]earing system [2] which comprises a hearing aid [4] with at least one input transducer [12] and an output transducer [20] as well as a motion sensor [24], in which a movement of a user of the hearing system is [d]etected and movement data [26] of the motion sensor [24], wherein a probability for a future falling event of the user of the hearing system is determined based on the detected movement data [26], and wherein a pe[r]tinent signal is generated if the probability reaches or exceeds a stored threshold value.

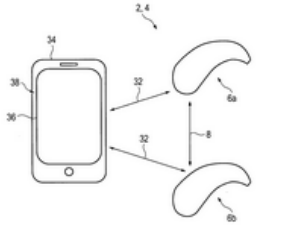


Fig. 2

2. **WO/2022/128083** METHOD FOR DETERMINING THE HEARING EFFORT OF A HEARING AID WEARER AND CORRESPONDING ADJUSTMENT OF HEARING AID PARAMETERS — WO - 23.06.2022

Int.Class H04R 25/00 Appl.No PCT/EP2020/086520 Applicant SIVANTOS PTE. LTD. Inventor WURZBACHER, Tobias

The invention relates to a method [40] for operating a hearing system [2] which comprises a hearing aid [4] having at least one input converter [12] and having an output converter [20] and having a motion sensor [24], wherein: an acoustic environmental situation of the hearing aid [4] is sensed as acoustic data [14] of the input converter [12], a characterization of the acoustic environmental situation is made on the basis of the sensed acoustic data [14], a measure of a hearing effort of the hearing system user [2] is determined on the basis of the sensed motion data [26] and the characterization, and a hearing aid parameter and/or a hearing aid power of the hearing aid [4] is adjusted according to the determined hearing effort.

NO IMAGE AVAILABLE

3 WO/2022/133311 TINNITUS TREATMENT AND ANALYSIS WO - 23.06.2022

FP:(hearing AND aid)

1,536 results Offices WO Languages all Stemming true Single Family Member false Include NPL false

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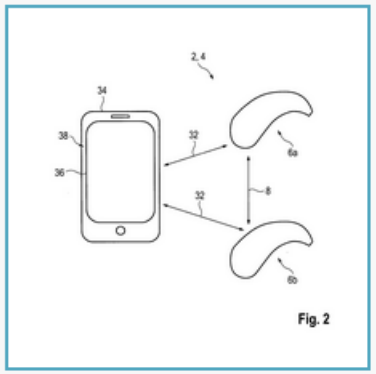
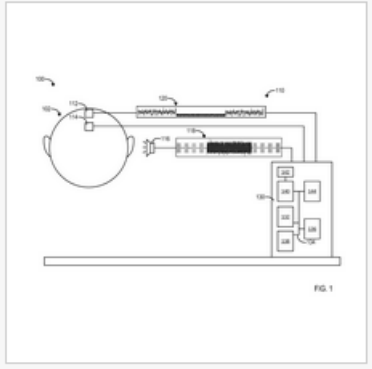
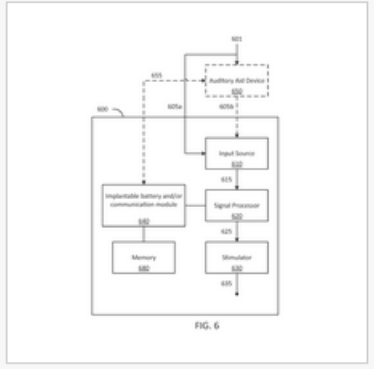
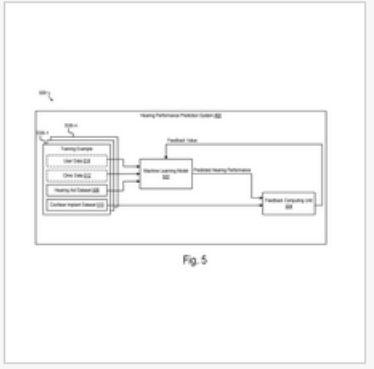
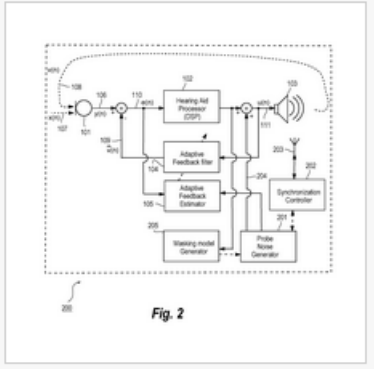
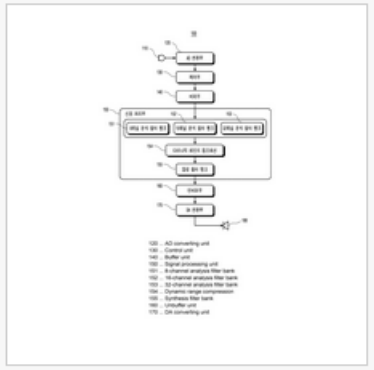


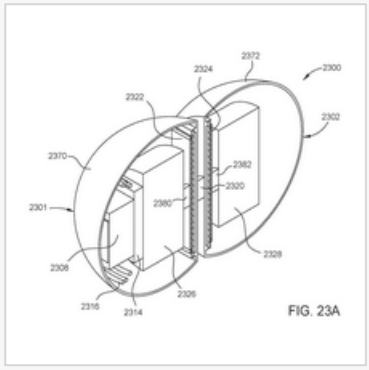


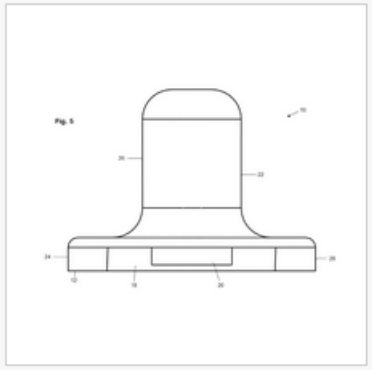


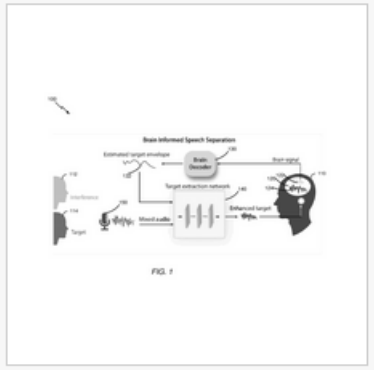


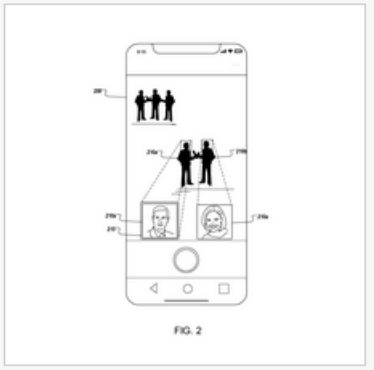


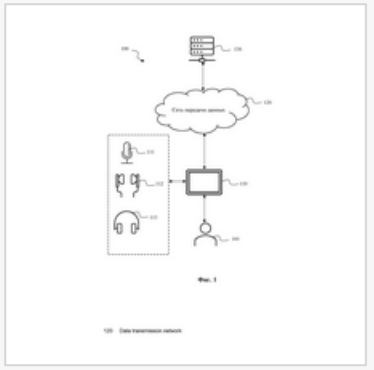


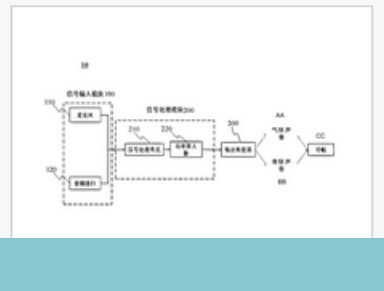


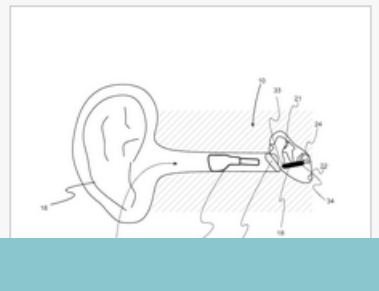


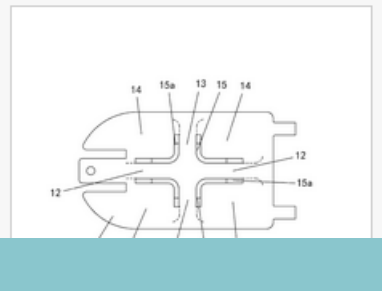


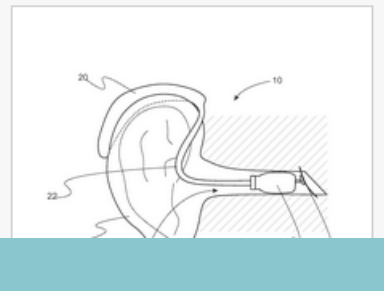


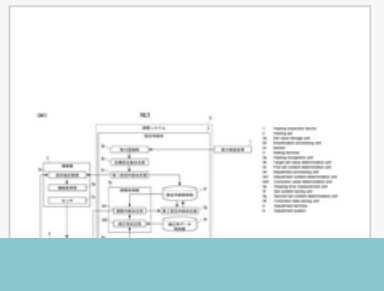


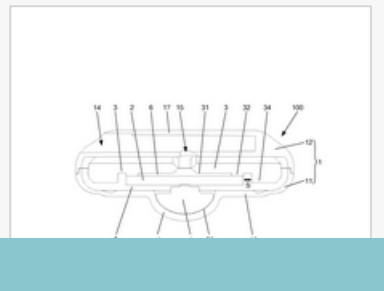












Stemming

FP:(electric bicycle)

19,236 results | Offices all | Languages en | Stemming true | Single Family Member false | Include NPL false

Sort: Relevance | Per page: 10 | View: All | 1 / 1,924 | Machine translation

1. **102745284** ELECTRIC BICYCLE — CN - 24.10.2012

Int.Class B62H 1/04 **Appl.No** 201210266449.3 **Applicant** Ningbo Dandelion Vehicle Industry Technology Co., Ltd. **Inventor** Chen Quanfeng

The invention relates to an electric bicycle which comprises a bicycle body, wherein a bicycle lock mechanism is arranged on the bicycle body, and a pedal which is rotatably connected with the bicycle body is arranged at the lower part of the bicycle body. The electric bicycle is characterized by also comprising a pedal locking mechanism, wherein the pedal locking mechanism comprises a locking rod and a drive mechanism; the locking rod is movably arranged at the inner side of the electric bicycle pedal, has an extension state and a withdrawing state and is abutted against the inner side of the electric bicycle pedal in the extension state, so that the electric bicycle pedal can be prevented from sliding towards the tail of an electric bicycle and dropping off from a landing state; and the drive mechanism is connected with the locking rod and drives the locking rod so that the locking rod keeps the extension state or the withdrawing state, and the drive mechanism is connected with the bicycle lock mechanism of the electric bicycle. Compared with the prior art, the electric bicycle has the advantages that by arranging the locking rod which is connected with and driven by the bicycle lock mechanism of the electric bicycle at the inner side of the electric bicycle pedal, after the bicycle lock mechanism is locked, the locking rod is driven by the drive mechanism to extend outwards and abut against the inner side of the electric bicycle pedal, so that the electric bicycle pedal can be effectively prevented from sliding towards the tail of the electric bicycle and dropping off from the landing state.

2. **111063120** ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM — CN - 24.04.2020

Int.Class G07F 17/00 **Appl.No** 201911203200.6 **Applicant** BEIJING MOBIKE TECHNOLOGY CO., LTD. **Inventor** JIN HONGDU

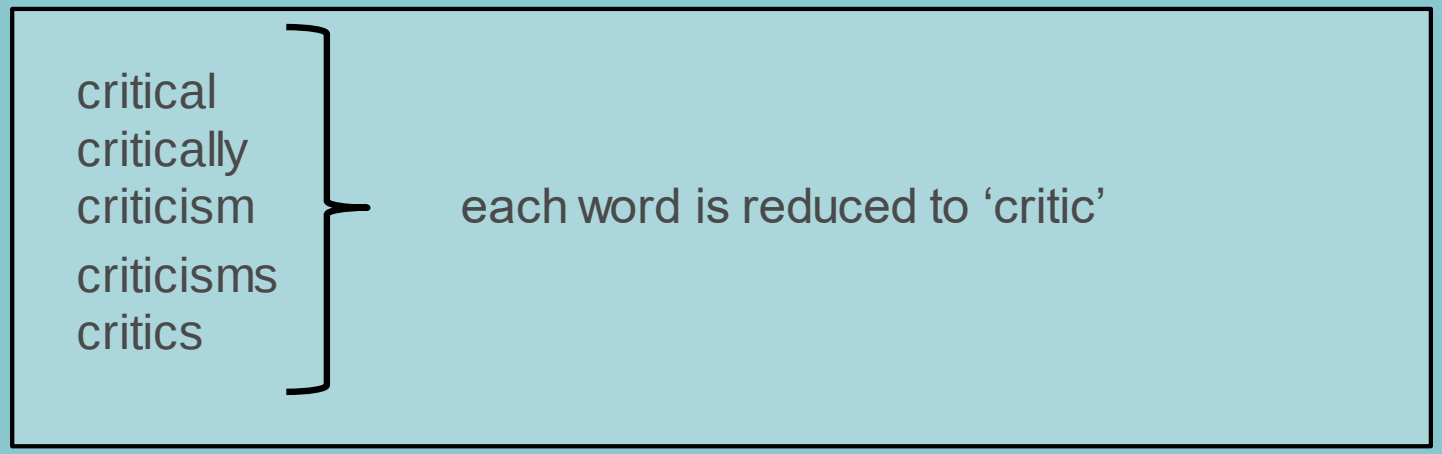
The invention discloses an electric bicycle control method, an electric bicycle and an electric bicycle system. The method comprises the steps that a server responds to an unlocking request sent by auser terminal for the electric bicycle and sends an unlocking instruction to the electric bicycle; the electric bicycle responds to the unlocking instruction, detects whether the electric bicycle meets a first unlocking condition or not, and controls a lock of the electric bicycle to be unlocked under the condition that the electric bicycle meets the first unlocking condition; the server sends a locking instruction to the electric bicycle in response to a locking request sent by the user terminal for the electric bicycle; the electric bicycle responds to the locking instruction, detects whether the electric bicycle meets a first locking condition or not, and controls the bicycle lock to be locked under the condition that the electric bicycle meets the first locking condition. The first locking condition comprises that a parameter value representing the current running speed of the electric bicycle is smaller than or equal to a set safety threshold value.

3. **210175070** ELECTRIC BICYCLE CHAIN WHEEL — CN - 24.03.2020

Int.Class B62M 6/40 **Appl.No** 201921147491.7 **Applicant** ZHANG FENGJIE **Inventor** ZHANG FENGJIE

Stemming

- Stem = stemming
- Process that removes common endings from words.



Stemming

- no dictionary includes the necessary technical terms to express patent concepts

- Porter Stemming Algorithm finds words that contain common roots
- Save time and effort

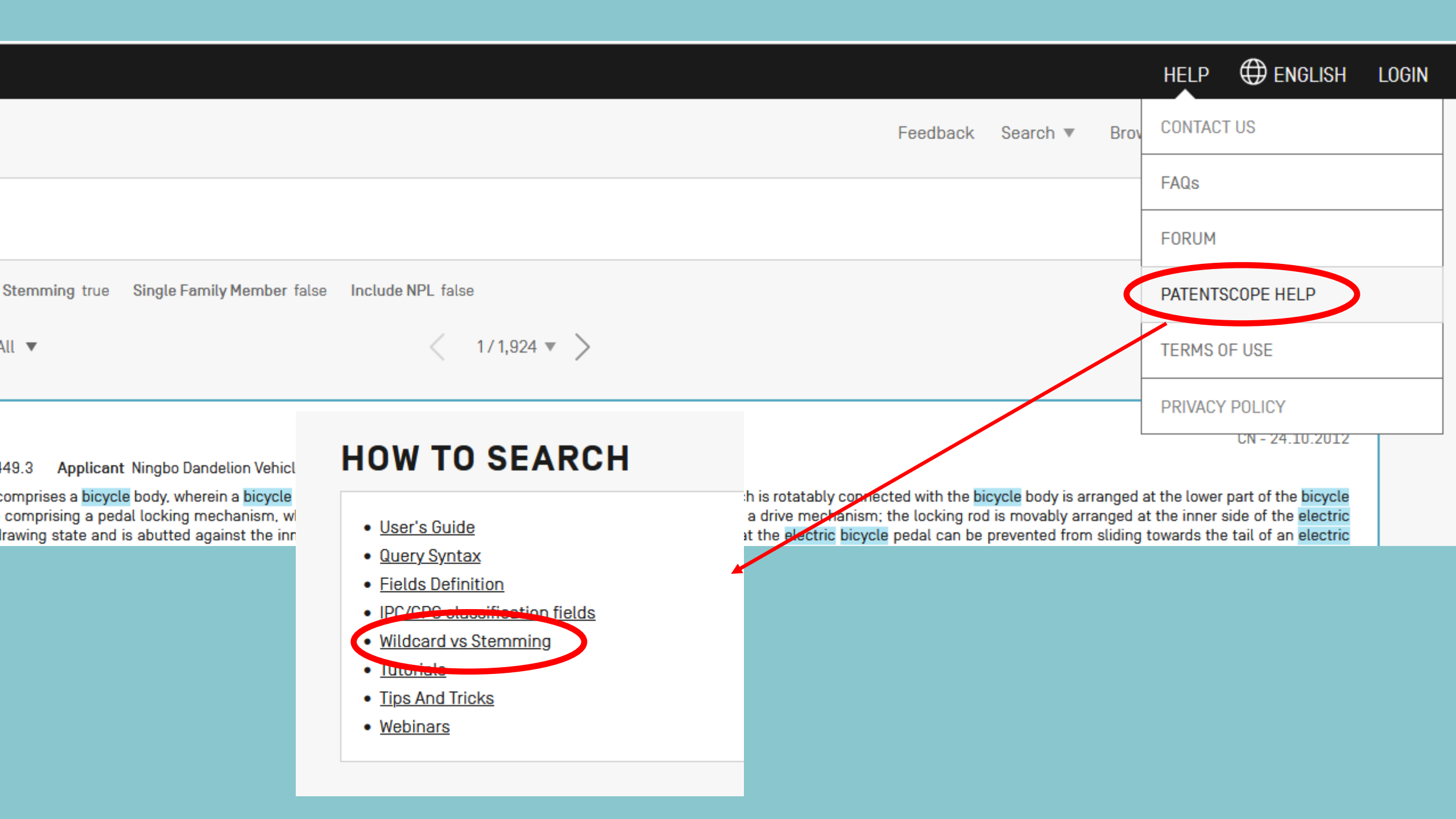
WILDCARD VS STEMMING

This page shows the different result a wildcard matches as opposed to using the stemming option

Enter a word

Compare to

Stemming	Wildcard *
No records found.	No records found.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PRIVACY POLICY
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Stemming true
Single Family Member false
Include NPL false
1 / 1,924
CN - 24.10.2012
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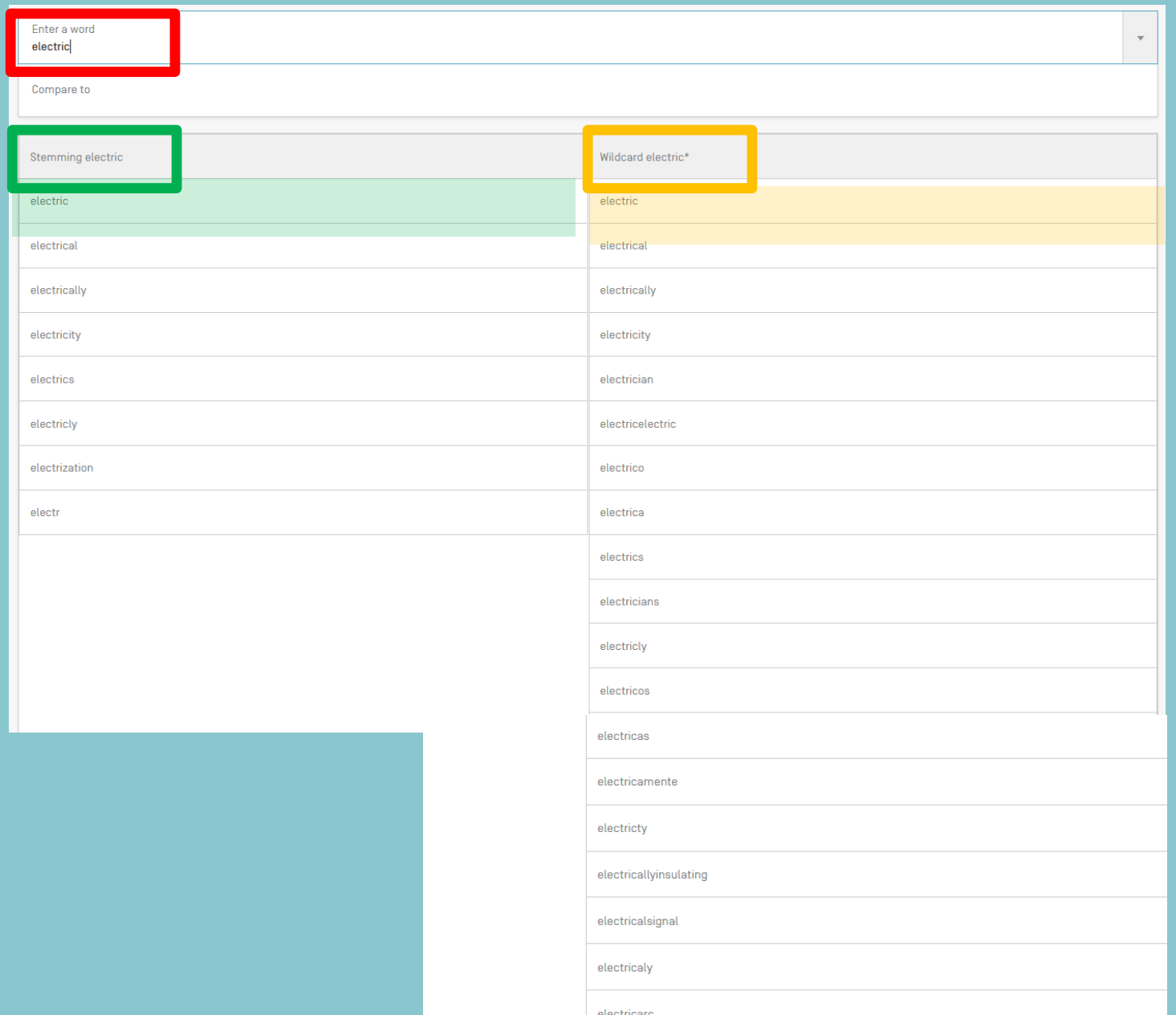

Enter a word
electric
Compare to
Stemming electric
electric
electrical
electrically
electricity
electrics
electricly
electrization
electr
Wildcard electric*
electric
electrical
electrically
electricity
electrician
electricelectric
electrico
electrica
electrics
electricians
electricly
electricos
electricas
electricamente
electricty
electricallyinsulating
electricalsignal
electricaly

Exercises

1. What is the difference between **support stemmed** and **support***?

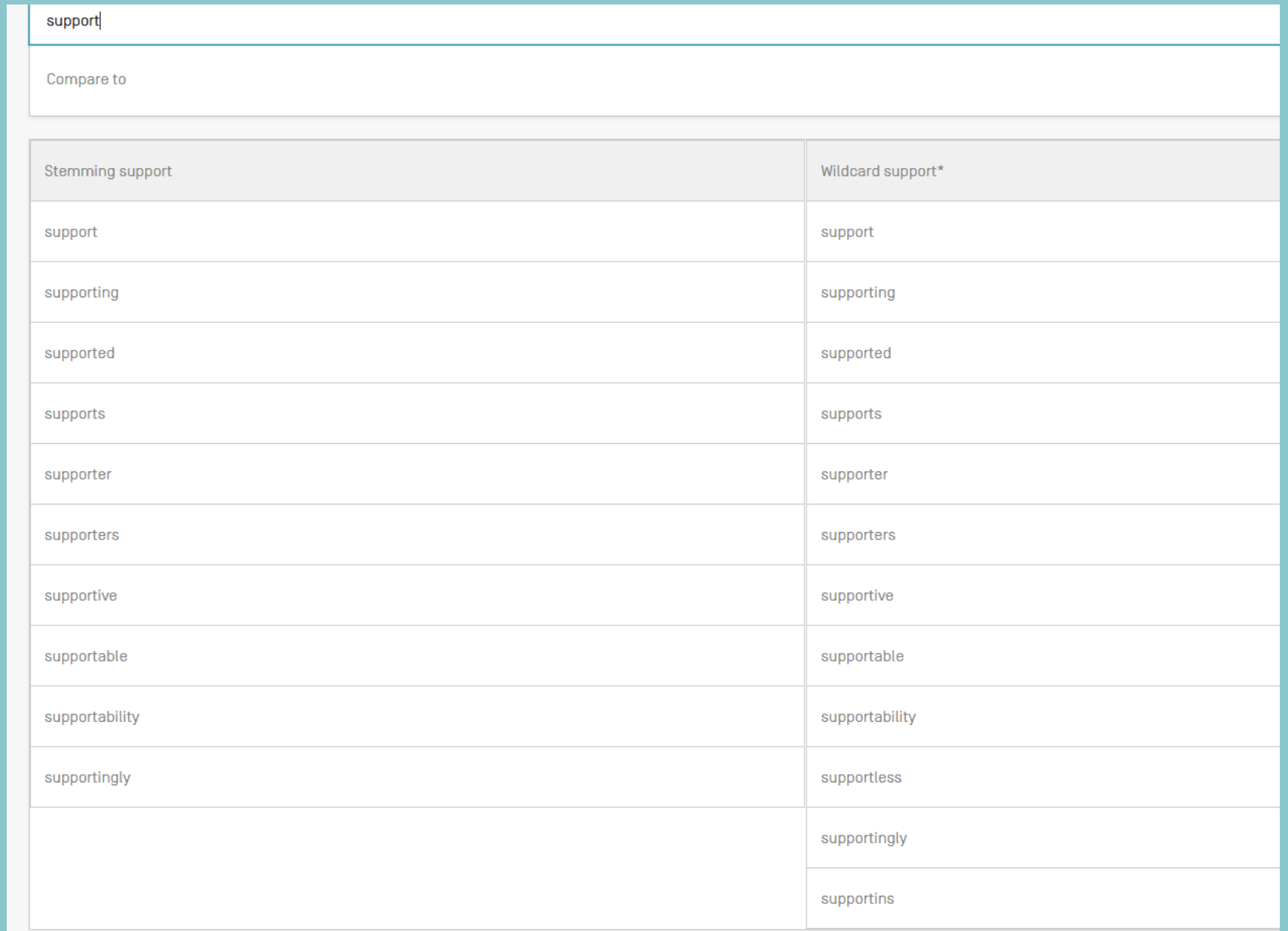
2. Is using **elect*** is good idea?

3. Using the keyword **analyzer**, will **analysis** be included in the result list using stemming?

4. When **car** is stemmed, what other keyword/s will be included in the result list?

5. To obtain cellular from cell, should stemming or wildcard be used?

1. What is the difference between **support stemmed** and **support***?



support

Compare to

Stemming support	Wildcard support*
support	support
supporting	supporting
supported	supported
supports	supports
supporter	supporter
supporters	supporters
supportive	supportive
supportable	supportable
supportability	supportability
supportingly	supportless
	supportingly
	supportins

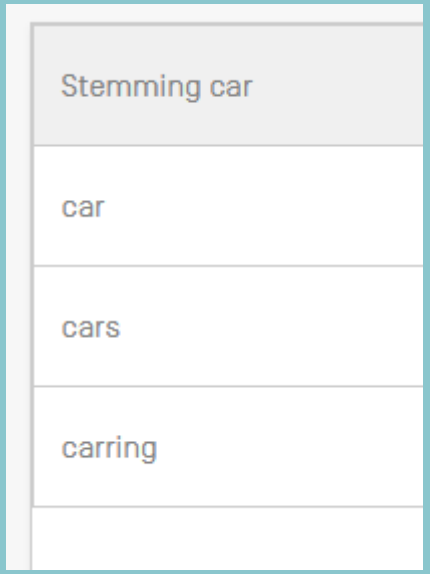
2. Is using **elect*** is good idea?

Wildcard elect*	electrophotographic	electroconductive	electrocardiogram
electric	electroluminescent	electrooptical	electret
electronic	electromechanical	electromagnetically	electroslag
electrical	electrolysis	electrophotography	electrochemically
electrode	electroplating	electroacoustic	electrographic
electromagnetic	electronically	electrified	electroactive
electron	electronics	electromagnetism	electrons
electrically	electroluminescence	electrohydraulic	electrolytically
electrolyte	electrophoresis	electrolytes	electroplated
electrostatic	electrophoretic	electrodeless	electrodialysis
electro	electrodeposition	electrothermal	electrification
electrochemical	electrosurgical	electromotive	electroporation
electrolytic	electromagnet	electrolyzer	electrospinning
electricity	electroless	electrodynamic	electrooptic
electrodes	electrochromic	electrostatically	electrowetting

3. Using the keyword **analyzer**, will **analysis** be included in the result list using stemming?

Stemming analyzer
analyzing
analyzer
analyze
analyzers
analyzed
analyzes
analyzation
analyzable

4. When **car** is stemmed, what other keyword/s will be included in the result list?

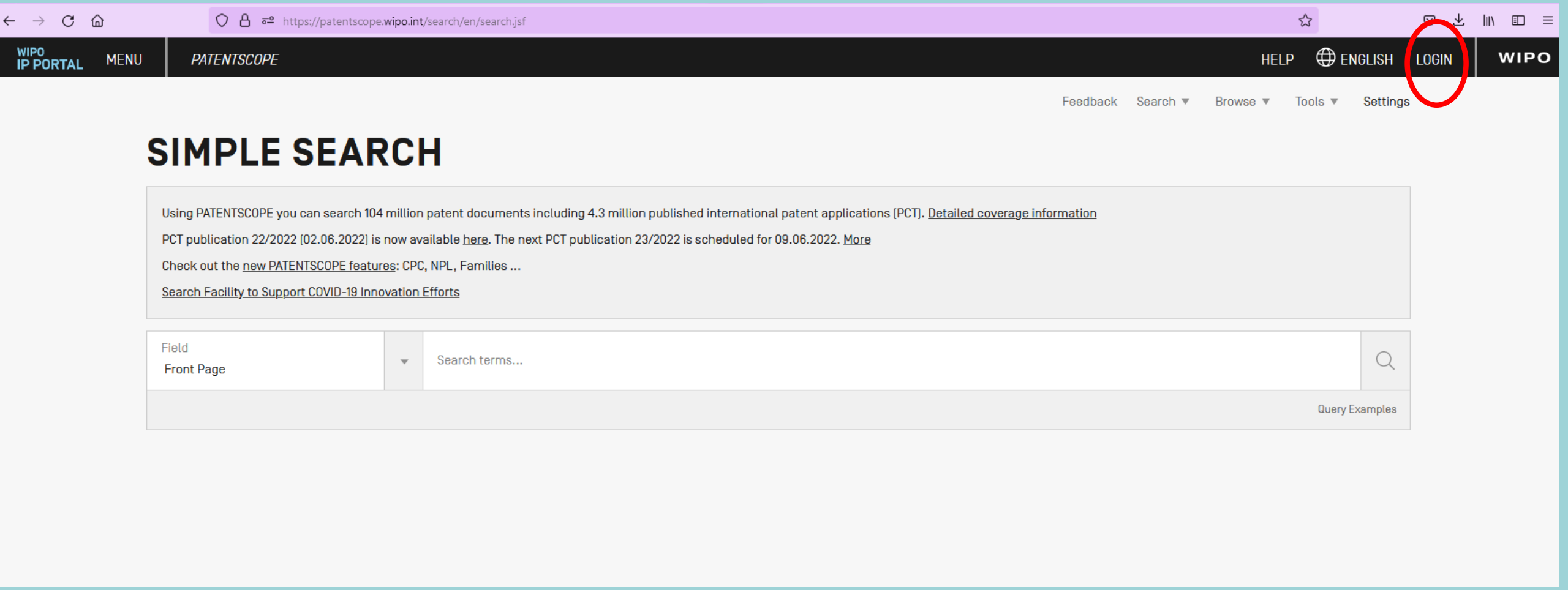


Stemming car
car
cars
carring

5. To obtain cellular from cell, should stemming or wildcard be used?

Stemming cell	Wildcard cell*
cell	cell
cells	cells
celled	cellular
celling	cellulose
	cellulosic
	cellulase
	cellphone

Account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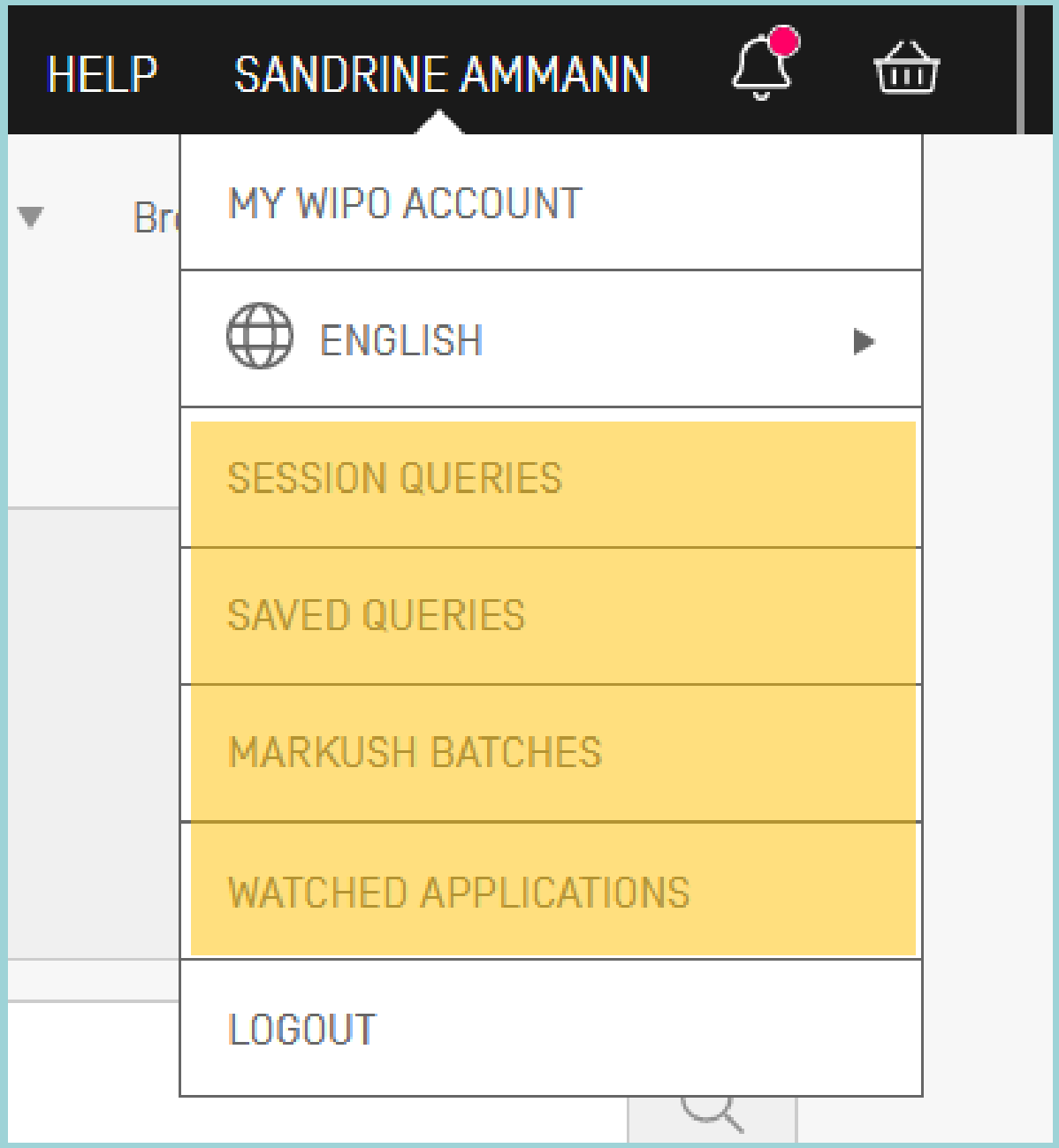
Benefits of account: RSDAW

- **R**SS
- **S**ave
- **D**ownload
- **A**ccess
- **W**ildcards & **W**atched applications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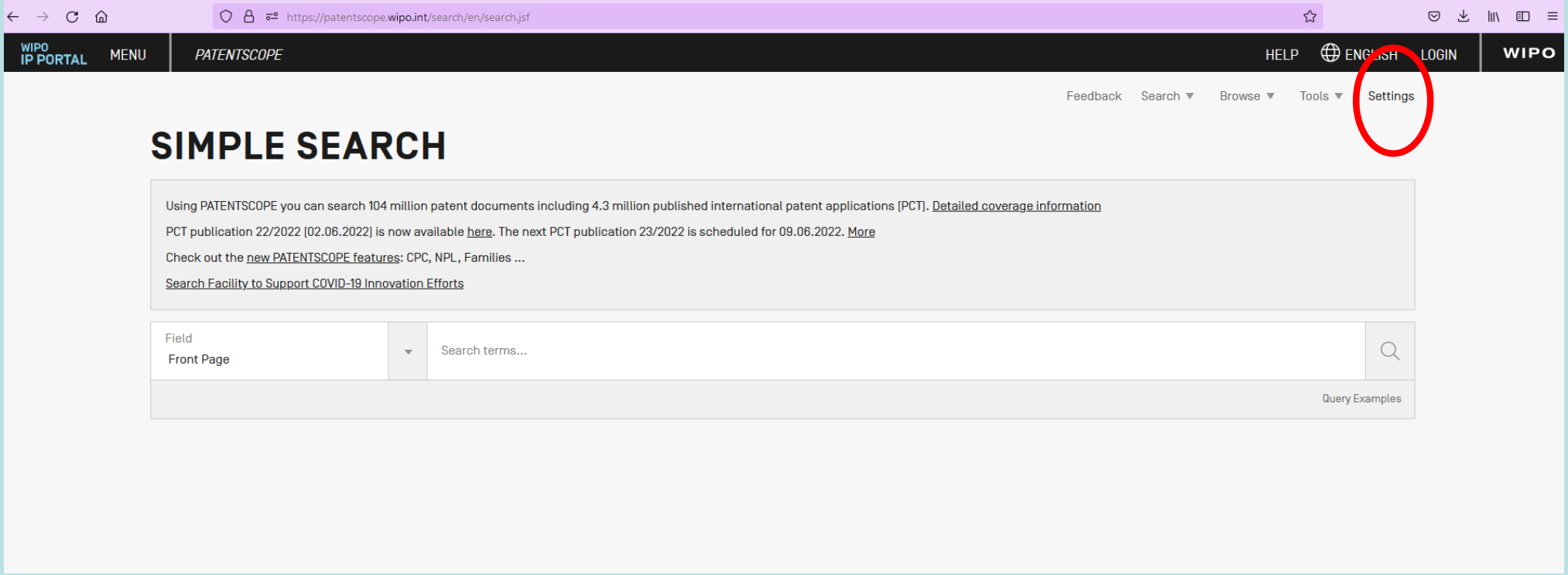
Magnetic chip	EN_AB:"magnetic chip"	All	Relevance	☐	☐	1	10	☑	
test		All	Relevance	☐	☐	1	10	☑	
human space flight	EN_ALL:"human space flight" OR "manned space flight" OR "crewed space flight" OR "human spaceflight" OR "manned spaceflight" OR "crewed spaceflight" OR FP:(((EN_TI:("space flight human"~21 OR "space flying human"~21 OR "space aerial human"~21 OR "space aircraft human"~21 OR "space airborne human"~21 OR "space aircrew human"~21 OR "spatial flight human"~21 OR "spatial flying human"~21 OR "spatial aerial human"~21 OR "spatial aircraft human"~21 OR "spatial airborne human"~21 OR "spatial aircrew human"~21 OR "shuttle flight human"~21 OR "shuttle flying human"~21) OR EN_AB:("space flight human"~21 OR "space flying human"~21 OR "space aerial human"~21 OR "space aircraft human"~21 OR "space airborne human"~21 OR "space aircrew human"~21 OR "spatial flight human"~21 OR "spatial flying human"~21 OR "spatial aerial human"~21 OR "spatial aircraft human"~21 OR "spatial airborne human"~21 OR "spatial aircrew human"~21 OR "shuttle flight human"~21 OR "shuttle flying human"~21) OR EN_CL:("space flight human"~21 OR "space flying human"~21 OR "space aerial human"~21 OR "space aircraft human"~21 OR "space airborne human"~21 OR "space aircrew human"~21 OR "spatial flight human"~21 OR "spatial flying human"~21 OR "spatial aerial human"~21 OR "spatial aircraft human"~21 OR "spatial airborne human"~21 OR "spatial aircrew human"~21 OR "shuttle flight human"~21 OR "shuttle flying	All	Relevance	☐	☐	1	10	☑	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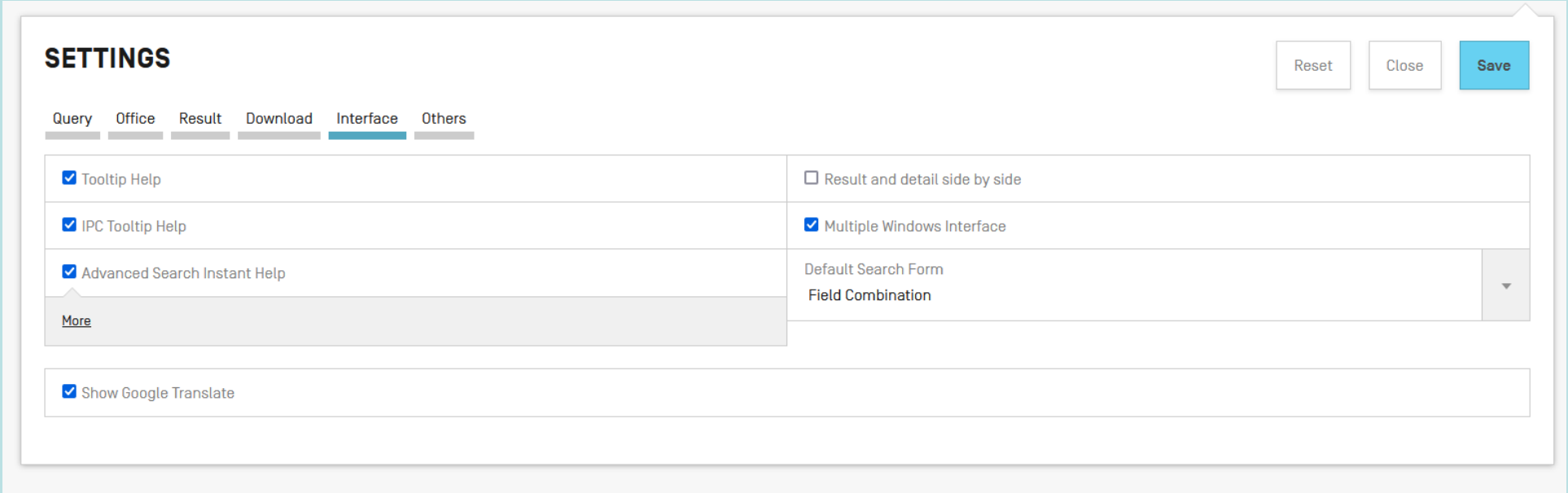
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FP:(car)

487,911 results Offices all Languages all Stemming true Single Family Member false Include NPL false

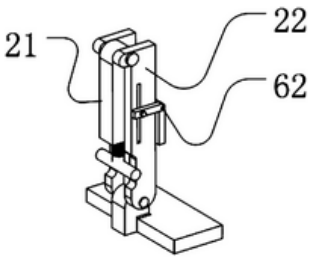
Sort: Relevance Per page: 100 View: All+Image 1 / 4,880 Download Machine translation

1. **106143720** BALANCE CAR

CN - 23.11.2016

Int.Class B62K 3/00 Appl.No 102016000525593 Applicant SHANG YANYAN Inventor SHANG YANYAN

The invention discloses a balance car. The balance car comprises a balance car body and a car rod arranged on the balance car body. The car rod comprises a car rod operating part and a car rod steering part. The car rod steering part is connected with the balance car body. The length of the car rod operating part is smaller than that of the car rod steering part. The car rod operating part and the car rod steering part are connected through rotary shafts. When the balance car is folded, the car rod operating part rotates to get close to and be attached to the car rod steering part. Due to the fact that the length of the car rod operating part is smaller than that of the car rod steering part, the control effect applied by the car rod on the balance car for use cannot be affected after the balance car is folded, the car rod of the balance car can still be normally used after being folded, a user can operate and control the car rod steering part through the legs, the height of the balance car is reduced after the car rod is folded, and the user can normally use the balance car in places with the limitation to the space height or on the occasions where the balance car can be used only by being temporarily folded slightly.

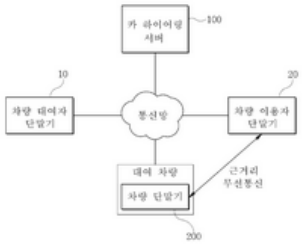


2. **1020190024240** CAR HIRING SERVICE SYSTEM INCLUDING SECURITY FUNCTION

KR - 08.03.2019

Int.Class G06Q 30/06 Appl.No 1020170111032 Applicant 동국대학교 산학협력단 Inventor KIM, WOONG SUP

The present invention relates to a car hiring service system including a security function. According to a car hiring service, which allows car hiring between a car lender and a user by lending a car registered by the car lender to a car user who needs a car through a car hiring server after cost payment, a car terminal for sensing whether a car drives, communicating with the car hiring server, and connected to a car user terminal through a short distance wireless communication using a beacon to perform user authentication, is provided in a rental car of the car lender. Therefore, when the authenticated car user uses the rental car of the car lender, the driving of a corresponding car is checked through the car terminal, and also, connection of the short distance wireless communication with the car user terminal is periodically sensed to transmit a warning message to the car lender and the authenticated car user terminal when the short distance communication is not connected with the car user terminal in a car driving state other than a car parking/ stopping state, thereby effectively preventing car theft or loss, or illegal use of a car by a unauthorized user to improve the security. COPYRIGHT KIPO 2019



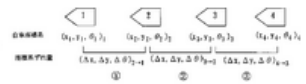
3. **2001006100** AUTOMATIC FOLLOWING TRAVELING SYSTEM

JP - 12.01.2001

Int.Class G08G 1/16 Appl.No 1999177530 Applicant HONDA MOTOR CO LTD Inventor TAMURA KAZUYA

PROBLEM TO BE SOLVED: To reduce the calculating processing load of each vehicle and to reduce communication buffer capacity.

SOLUTION: A following car is provided with a preceding car position detecting means C for detecting the position information of a preceding car on a present car coordinate system, a preceding car coordinate system present car position correcting means D for correcting the present car position information from the present car coordinate system to a preceding car coordinate system on the basis of the position information of the preceding car on the present car coordinate system, present car position information on the present car coordinate system and preceding car position information I1 on the preceding car coordinate system transmitted by inter-car communication, a leading car coordinate system present car position correcting means E for correcting the present car position information corrected to the preceding car coordinate system to a leading car coordinate system and a vehicle control means F for traveling the present car while following the leading car on the basis of the result corrected by the leading car coordinate



1. WO2017107165 - MULTI-LEVEL OVEN

PCT Biblio. Data | Full Text | Drawings | ISR/WOSA/A17(2)(a) | National Phase | Notices | Documents

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International Application Status			
Date	Title	View	Download
20.09.2021	International Application Status Report	HTML, PDF, XML	PDF, XML

Published International Application			
Date	Title	View	Download
29.06.2017	Initial Publication with ISR([A1 26/2017])	PDF (25p.)	PDF (25p.), ZIP(XML + TIFFs), FullText

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26.06.2018	(IB/373) International Preliminary Report on Patentability Chapter I	PDF (4p.)	PDF (4p.), ZIP(XML + TIFFs)
30.04.2018	English Translation of the Written Opinion of the International Searching Authority	PDF (5p.)	PDF (5p.), ZIP(XML + TIFFs)
29.06.2017	(ISA/210) International Search Report	PDF (5p.)	PDF (5p.), ZIP(XML + TIFFs), FullText
29.06.2017	Translation of the ISR	PDF (3p.)	PDF (3p.), ZIP(XML + TIFFs)
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WO2017124775	24.07.2018	[IB/373] International Preliminary Report on Patentability Chapter I	WO2017124775-IPRP1-20180724-9715.pdf	5	
WO2017124775	27.07.2017	[ISA/210] International Search Report	WO2017124775-ISR-20170727-6934.pdf	4	
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Exercises

1. In the Simple search, select the PCT collection, perform and save the 3 following searches:
   a. «bicycle frame» in the Front page
   b. Shimano in the Names
   c. B62K19/40

2. Subscribe to the RSS feed for the «bicycle frame» query

3. Download the result list of the Shimano query

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   b. Shimano in the Names
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Field
Front Page

Search terms...
"bicycle frame"

Offices
PCT

- [ ] All
- [x] PCT
- [ ] Africa

FP:("bicycle frame")

603 results Offices WO Languages all Stemming true Single Family Member false Include NPL false

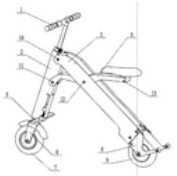
Sort: Relevance Per page: 100 View: All+Image 1 / 7 Download Machine translation

1. **WO/2018/082488** LIGHT FOLDABLE ELECTRIC BICYCLE

WO - 11.05.2018

Int.Class B62K 15/00 **Appl.No** PCT/CN2017/107584 **Applicant** HAN, Anzhuo **Inventor** HAN, Anzhuo

A light foldable electric bicycle, mainly comprising handlebars [1], a front bicycle frame [2], a rear bicycle frame [3], a seat frame [4], pedals [5], a front wheel [7] and a rear wheel [9]. The rear bicycle frame [3] is designed to be two parts, i.e. a left bicycle frame [17] and a right bicycle frame [18]. A bicycle frame unfolding locking groove [15] is provided above the left bicycle frame [17] and the right bicycle frame [18]. Correspondingly, a bicycle frame locking shaft [12] is mounted and provided on the seat frame [4]. When the bicycle frame is unfolded, the bicycle frame locking shaft [12] is fixedly locked onto the bicycle frame unfolding locking groove [15], and then the front bicycle frame [2], the seat frame [4] and the rear frame [3] form a triangular configuration, such that the bicycle frame, after being unfolded, is stable and secure. When the bicycle is being folded, the bicycle frame locking shaft [12] is disengaged from the bicycle frame unfolding locking groove [15], and then the front bicycle frame [2], the seat frame [4] and the rear frame [3] can be quickly folded and superposed together between the left bicycle frame [17] and the right bicycle frame [18]. The folded bicycle as a whole is compact, small in size, and easy to carry or drag.

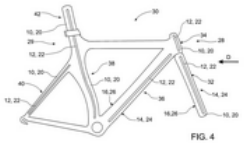


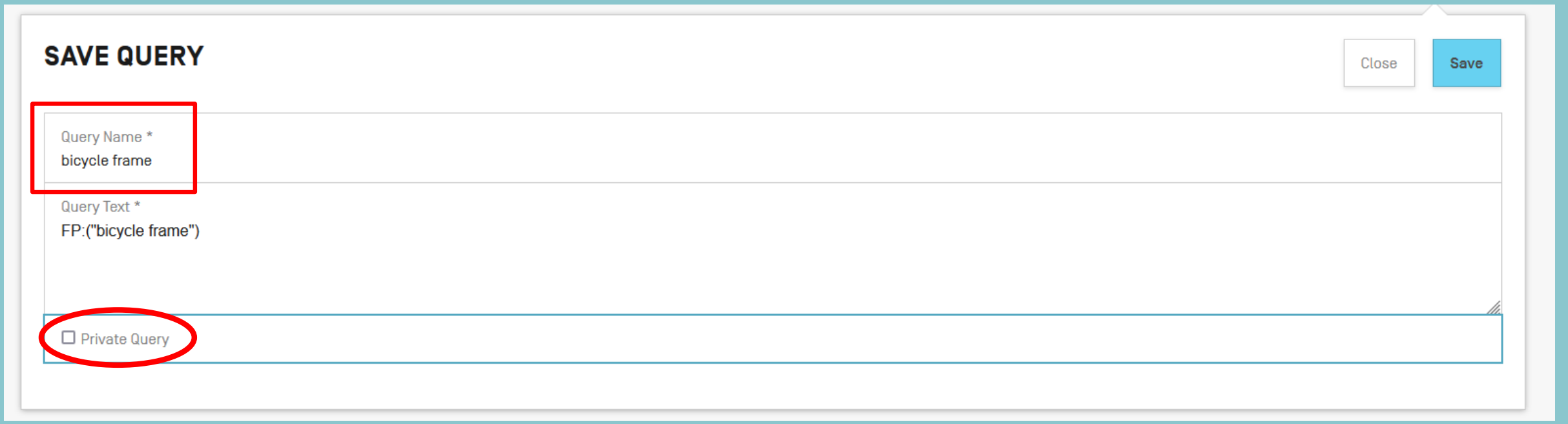
2. **WO/2011/032222** AN AERODYNAMIC BICYCLE FRAME TUBE AND AN AERODYNAMIC BICYCLE FRAME

WO - 24.03.2011

Int.Class B62K 3/02 **Appl.No** PCT/AU2010/001213 **Applicant** CONCEPT SPORTS AUSTRALIA PTY LTD **Inventor** TESCHNER, Peter

An aerodynamic bicycle frame includes aerodynamic bicycle frame tubes having longitudinally extending vortex generating formations. The vortex generating formations are in the form of either ridges or depressions. The bicycle frame tube is any of a front fork, head tube, down tube, seat tube, seat stay, seat post or handle bar of the bicycle frame. The ridges or depressions along the sides of the tubes assist air flowing over the tubes to stick to the boundary layer of the tubes for longer, making the bicycle frame tubes more aerodynamic.

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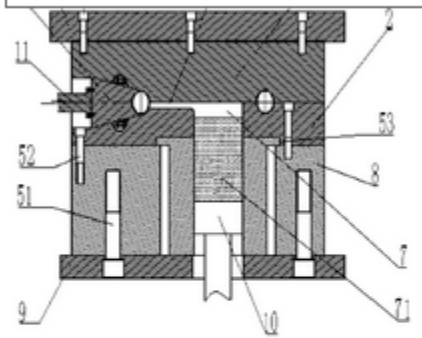
FORMING PRODUCTION METHOD AND MOULD FOR ACHIEVING SAME

ianjin Golden Wheel Bicycle Group Co., Ltd. **Inventor** Xing Shuming

g production method and a mould for achieving same. According to the process method and the mould, a bicycle frame free of welded joint n be eliminated. The aluminum alloy bicycle frame integral forming production method comprises separating an upper mould from a lower icycle frame lower mould chamber of the bicycle frame mould horizontally; casting an liquid bicycle frame aluminum alloy into the pressure ld chamber of the bicycle frame mould, wherein the temperature of the liquid bicycle frame aluminum alloy is 50 to 120 DEG C higher than uld and the lower mould of the bicycle frame mould to form the integral bicycle frame mould chamber; separating the upper mould from the emaining materials after molten metal in the pressure chamber is driven by a pressure head to fill the integral bicycle frame mould chamber ycle frame integral forming production method, the bicycle frame core which is matched with the inner chamber of the bicycle frame is which is provided with the bicycle frame core is filled with the liquid bicycle frame aluminum alloy under the action of the pressure, cooling, cycle frame core which is wrapped inside is dissolved in water, and accordingly the hollow integral bicycle frame is formed.



TION

CN - 16.11.2016

UXI JIADE MACHINERY CO., LTD. **Inventor** TAO ZONGDE

he bicycle frame comprises a bicycle frame vertical pipe, a bicycle frame front pipe, a bicycle frame upper horizontal pipe, a bicycle frame

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Magnetic chip	EN_AB:"magnetic chip"	All	Relevance	☐	☐	1	10	☑	
bicycle frame	FP:("bicycle frame")	WO	Relevance	☑	☐	1	100	☐	
shimano	ALLNAMES:(shimano)	WO	Pub Date Desc	☑	☐	1	100	☐	
ipc_b62k1940	IC:(B62K19/40)	WO	Pub Date Desc	☑	☐	1	100	☐	

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Wind turbine	EN_AB:"wind turbine"	All	Relevance	☐	☐	1	10	☑	
Magnetic chip	EN_AB:"magnetic chip"	All	Relevance	☐	☐	1	10	☑	
bicycle frame	FP:("bicycle frame")	WO	Relevance	☑	☐	1	100	☐	
shimano	ALLNAMES:(shimano)	WO	Pub Date Desc	☑	☐	1	100	☐	
ipc_b62k1940	IC:(B62K19/40)	WO	Pub Date Desc	☑	☐	1	100	☐	

FP:(EN_TI:"electric car")

4,573 results Offices all Languages Stemming false Single Family Member false Include NPL false

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electric_car_rss	FP:(EN_TI:"electric car")	All	Relevance	☐	☐	1	10	☐	

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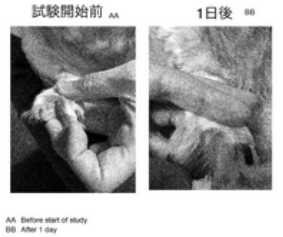
288 results Offices WO Languages Stemming true Single Family Member false Include NPL false

Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 3 Download Machine translation

1. **WO/2022/138866** AGENT FOR IMPROVING ATOPIC DERMATITIS — WO - 30.06.2022

Int.Class A61K 31/047 **Appl.No** PCT/JP2021/048030 **Applicant** ASUPAKKU CO., LTD. **Inventor** ASAHINA Takayuki

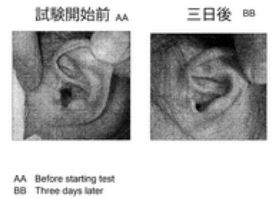
[Problem] To provide an agent for improving atopic dermatitis that exhibits a high therapeutic effect and has few side effects on the skin. [Solution] The agent contains erythritol and is characterized by being applied topically to the skin. The agent exhibits a high therapeutic effect on atopic dermatitis and can reduce side effects on the skin. The content of erythritol therein is preferably 0.1-15 wt%. The content of erythritol is especially preferably 1-10 wt%, and a high effect can be obtained thereby.



2. **WO/2022/138871** SKIN-DISEASE IMPROVEMENT AGENT — WO - 30.06.2022

Int.Class A61K 31/047 **Appl.No** PCT/JP2021/048037 **Applicant** KAWANO Koji **Inventor** KAWANO Koji

[Problem] To provide a skin-disease improvement agent that is capable of effectively suppressing a skin disease in which a bacterium such as Staphylococcus aureus or a multidrug-resistant strain thereof is involved, in a simple, safe, and low-cost manner without depending on an antibiotic. [Solution] A skin-disease improvement agent that effectively suppresses a skin disease in which a bacterium such as Staphylococcus aureus is involved, in a simple, safe, and low-cost manner without depending on an antibiotic associated with a concern about side effects, because said agent contains erythritol or xylitol as an active ingredient and is capable of suppressing bacterial growth.



3. **WO/2022/064821** OXYGEN-ABSORBING FILM — WO - 31.03.2022

Int.Class B32B 27/36 **Appl.No** PCT/JP2021/026746 **Applicant** TOYO SEIKAN GROUP HOLDINGS, LTD. **Inventor** SHIMANO, Kaori

The present invention provides an oxygen-absorbing film suitable as a packaging material that is excellent in regard to suppressing the oxidization of a packaging target and in terms of not adsorbing aroma components and having excellent tearability. An oxygen-absorbing film 1 comprises, from the outer layer side, at least a surface base material layer 2 having oxygen barrier property, an oxygen-absorbing resin

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1. WO2022138866 - AGENT FOR IMPROVING ATOPIC DERMATITIS

PCT Biblio. Data | Full Text | Drawings | ISR/WOSA/A17[2][a] | National Phase | Notices | Documents

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Publication Number
WO/2022/138866

Publication Date
30.06.2022

International Application No.
PCT/JP2021/048030

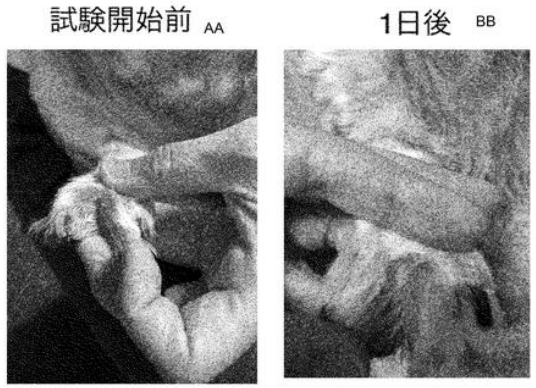
International Filing Date
23.12.2021

IPC
A61K 31/047 2006.1 | A61K 8/34 2006.1 | A61K 8/73 2006.1 | A61K 9/08 2006.1 | A61K 31/164 2006.1 | A61K 31/375 2006.1
View more classifications

Applicants
アスパック企業株式会社 ASUPAKKU CO., LTD.
[JP]/[JP]
東京都中央区明石町１１番１５号
ミキジ明石町ビル３Ｆ | 3F Mikiji Akashi Cho Building, 11-15, Akashi-cho, Chuo-ku, Tokyo 1040044, JP

Inventors
朝比奈　学之 ASAHINA Takayuki

Title
[EN] AGENT FOR IMPROVING ATOPIC DERMATITIS
[FR] AGENT D'AMÉLIORATION DE LA DERMATITE ATOPIQUE
[JA] アトピー性皮膚炎改善剤



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Abstract
[EN] [Problem] To provide an agent for improving atopic dermatitis that exhibits a high therapeutic effect and has few side effects on the skin. [Solution] The agent contains erythritol and is

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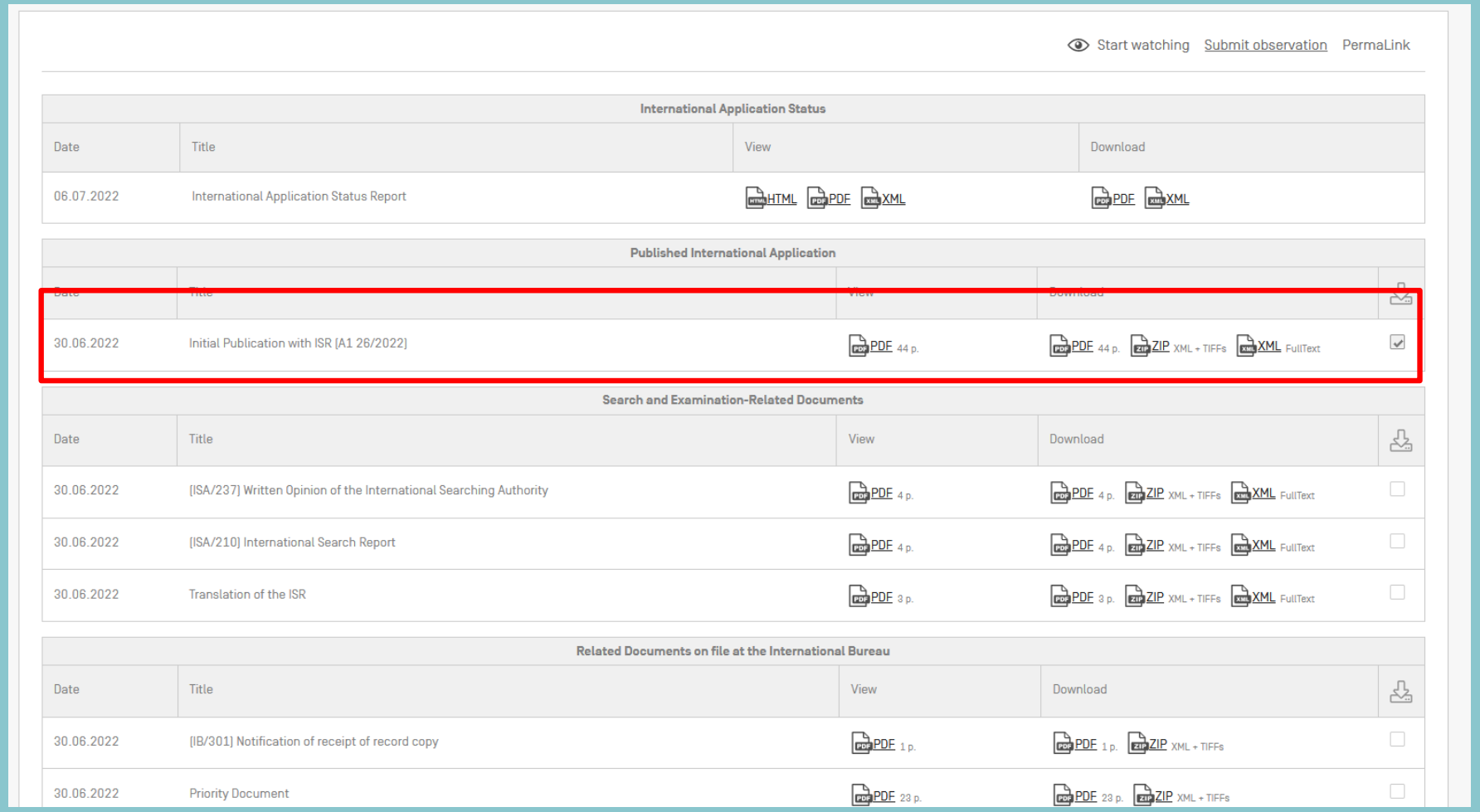

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1. WO2022138866 - AGENT FOR IMPROVING ATOPIC DERMATITIS

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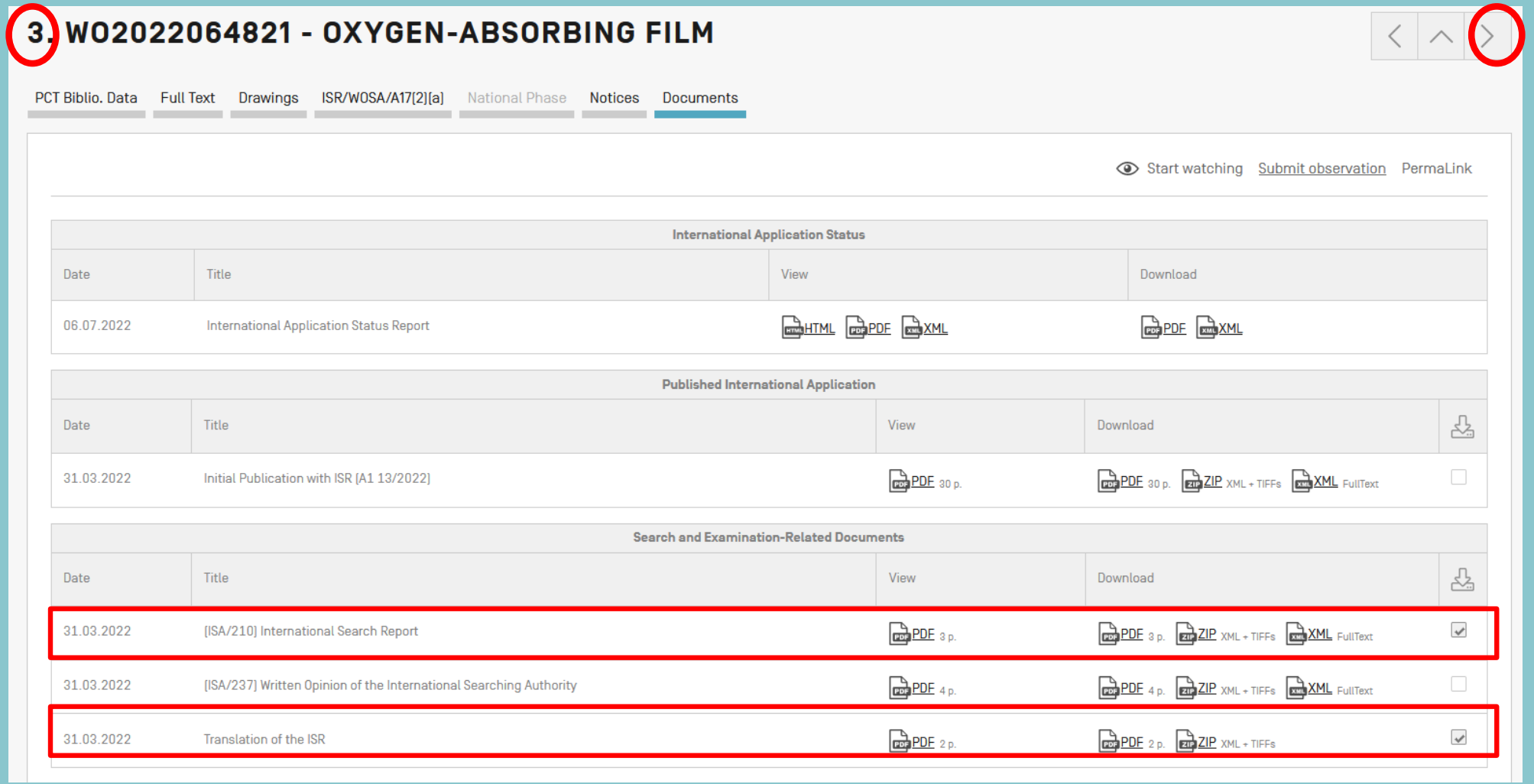

3. WO2022064821 - OXYGEN-ABSORBING FILM

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

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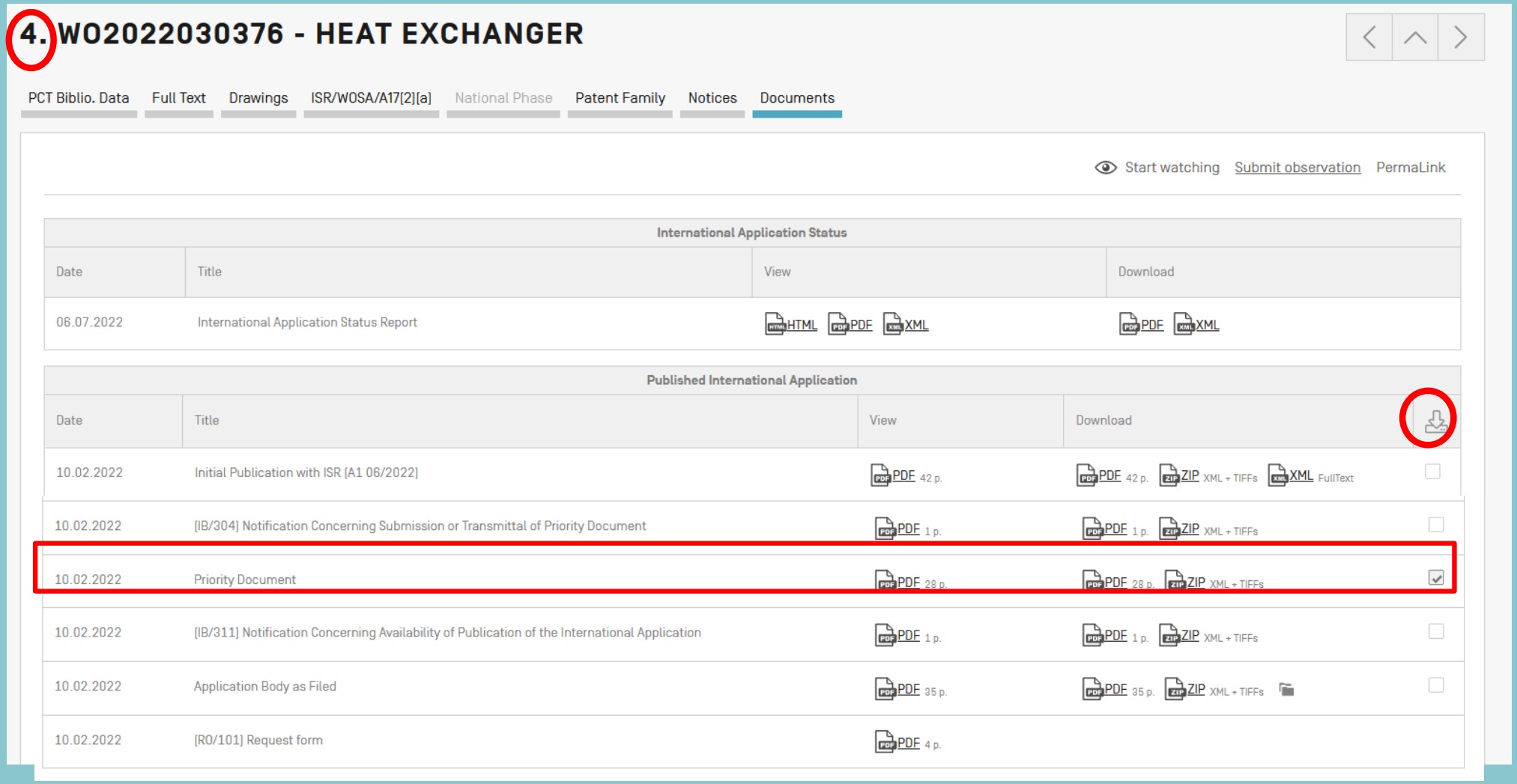

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WO2022064821	31.03.2022	[ISA/210] International Search Report	WO2022064821-ISR-20220331-9707.pdf	3	
WO2022064821	31.03.2022	Translation of the ISR	WO2022064821-ETISR-20220331-2538.pdf	2	
WO2022030376	10.02.2022	Priority Document	WO2022030376-PDOC-20220210-8093.pdf	28	

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82 results Offices WO Languages Stemming true Single Family Member false Include NPL false

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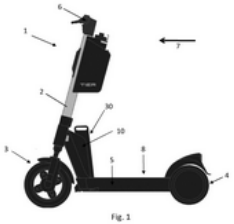
1. **WO/2022/017887** ELECTRIC SCOOTER WITH BATTERY DOCK — WO - 27.01.2022

Int.Class B62J 43/23 **Appl.No** PCT/EP2021/069628 **Applicant** TIER MOBILITY SE **Inventor** KALLIGEROS, Georgios

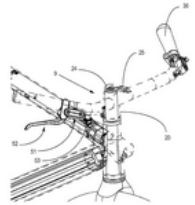
A system comprising: an electric scooter (1) comprising a support frame (5) with a support surface (8) configured to support a user, at least a first and a second wheel (3, 4), a steering shaft (2) connected the support frame (5) and to at least one wheel (3) for steering the electric scooter (1), an electric motor configured to drive at least one of the wheels (3, 4), and a battery dock for at least partially receiving a battery, a battery (30), wherein the battery (30) is configured to supply power to the motor, wherein the battery (30) is releasably at least partially received in the battery dock (10), and a locking mechanism (20) configured to lock and unlock the battery (30), wherein unlocking of the locking mechanism (20) is electrically powered.



2. **WO/2021/215913** BICYCLE ANTENNA ASSEMBLY — WO - 28.10.2021

Int.Class B62J 45/00 **Appl.No** PCT/NL2021/050252 **Applicant** VANMOOF B.V. **Inventor** CARLIER, Ties Jonan Midas

The present invention relates to a bicycle antenna assembly for communication between a bicycle control unit of a bicycle with a bicycle frame comprising at least a transceiver that is arranged in the bicycle frame, such as a Bluetooth module and/or a mobile communication module that is arranged for communication with a mobile network (one or more of any of Tucci-5G), and at least an external communication device, such as a mobile network transmission tower and/or a communication device, such as a smartphone, comprising a Bluetooth module, the bicycle antenna assembly comprising : - antenna connection means functionally connected to or connectable to the at least one transceiver, - an antenna module, such as suitable for one or more of Bluetooth communication and communication with the mobile network, - an antenna coupling between the antenna connection means and the antenna module, wherein: - the antenna module is arranged or arrangeable externally or outwardly directed relative to a tube element of the bicycle frame.



3. **WO/2021/180871** BATTERY-HOLDER ASSEMBLY FOR AN ELECTRIC BIKE — WO - 16.09.2021

1. WO2022017887 - ELECTRIC SCOOTER WITH BATTERY DOCK

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

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Publication Number
WO/2022/017887

Publication Date
27.01.2022

International Application No.
PCT/EP2021/069628

International Filing Date
14.07.2021

IPC
B62J 43/23 2020.1 | B62J 43/10 2020.1 | B62H 5/00 2006.1 | B62K 3/00 2006.1 | B62K 19/40 2006.1 | B60L 50/60 2019.1
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CPC
B60L 2200/12 | B60L 50/64 | B60L 50/66 | B60L 53/80 | B62H 5/001 | B62J 43/10
View more classifications

Applicants
TIER MOBILITY SE [DE]/[DE]

2. WO2021215913 - BICYCLE ANTENNA ASSEMBLY

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

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Publication Number
WO/2021/215913

Publication Date
28.10.2021

International Application No.
PCT/NL2021/050252

International Filing Date
20.04.2021

IPC
B62J 45/00 2020.1 | B62K 3/04 2006.1 | B62K 19/06 2006.1 | B62K 19/40 2006.1 | B62K 21/12 2006.1 | B62M 6/45 2010.1

CPC
B62J 45/00 | B62K 19/06 | B62K 19/40 | B62K 21/12 | B62K 3/04 | B62M 6/45

Title
[EN] BICYCLE ANTENNA ASSEMBLY
[FR] ENSEMBLE ANTENNE POUR BICYCLETTE

3. WO2021180871 - BATTERY-HOLDER ASSEMBLY FOR AN ELECTRIC BIKE

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

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Publication Number
WO/2021/180871

Publication Date
16.09.2021

International Application No.
PCT/EP2021/056236

International Filing Date
11.03.2021

IPC
B62J 43/13 2020.1 | B62J 43/20 2020.1 | B62K 19/40 2006.1 | B62M 6/90 2010.1 | H01M 50/249 2021.1

CPC
B62J 43/13 | B62J 43/20 | B62K 19/40 | B62M 6/90 | H01M 2220/20 | H01M 50/24
View more classifications

Title
[DE] ELEKTROFAHRRAD-AKKUHALTERUNGSENSEMBLE
[EN] BATTERY-HOLDER ASSEMBLY FOR AN ELECTRIC BIKE
[FR] ENSEMBLE SUPPORT DE BATTERIE POUR UNE BICYCLETTE ÉLECTRIQUE

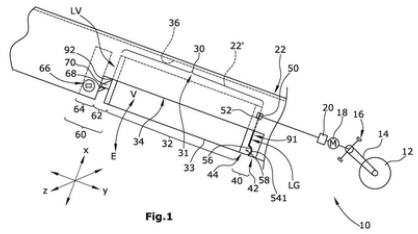

Fig.1

Abstract

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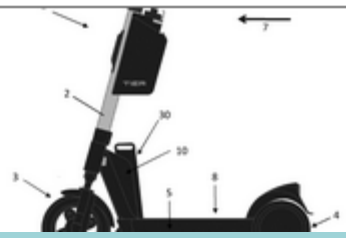
Y DOCK

plicant TIER MOBILITY SE **Inventor** KALLIGEROS, Georgios

rt frame (5) with a support surface (8) configured to support a user, at least a first and a second wheel (3, 4), a steering shaft (2) connected the ctric scooter (1), an electric motor configured to drive at least one of the wheels (3, 4), and a battery dock for at least partially receiving a battery, a r to the motor, wherein the battery (30) is releasably at least partially received in the battery dock (10), and a locking mechanism (20) configured to mechanism (20) is electrically powered.



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Application ID	Last Republication	Last Biblio. Update	Last Nationl Phase Update	Last Document Update	
WO2021180871					
WO2021215913		04.03.2022		04.03.2022	
WO2022017887					
WO2022067359	07.04.2022	07.04.2022		05.05.2022	
WO2022067374	07.04.2022	07.04.2022		05.05.2022	
WO2022067389	07.04.2022	07.04.2022		05.05.2022	
WO2022067600	07.04.2022	07.04.2022		05.05.2022	
WO2022075796	14.04.2022	14.04.2022		12.05.2022	
WO2022077044	21.04.2022	21.04.2022		19.05.2022	

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- National Collection of Austria Now Available in PATENTSCOPE [May 2, 2022]
- Wildcards and fields in PATENTSCOPE [Mar 31, 2022]
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Offices for which PCT national phase information is available

Updated: June 7, 2022

Country	Latest Biblio	Update Frequency	Biblio Data	Abstract	Chemical Data	Chemical indexed	Doc images	OCR (full-text) Indexed	Nb records
PCT	07.06.2022	Daily	19.10.1978 - 02.06.2022		11.01.1979 - 27.05.2022	891,913	4,333,772	**Total: 4,273,770** Arabic: 198 German: 417,837 English: 2,414,045 Spanish: 28,874 French: 140,530 Japanese: 714,226 Korean: 141,474 Portuguese: 5,718 Russian: 21,738 Chinese: 389,130	4,333,772
African Regional Intellectual Property Organization (ARIPO)			03.07.1985 - 28.07.2008				1,676	**Total: 1,671** English: 1,671	1,868
Argentina	05.05.2022	Monthly	11.02.1965 - 27.04.2022				9,741	**Total: 8,906** Spanish: 8,906	171,672

PCT: 4,333,772
Offices: 99,701,139
Overall: 104,034,911

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07.06.2022	OR NEAR combined
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24.05.2022	PCT monitoring
16.05.2022	RSS feed
10.05.2022	Operators ANDNOT NOT
03.05.2022	what s new may2022
26.04.2022	Download result list
19.04.2022	Crosslingual tool
12.04.2022	Contact
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29.03.2022	Wildcards
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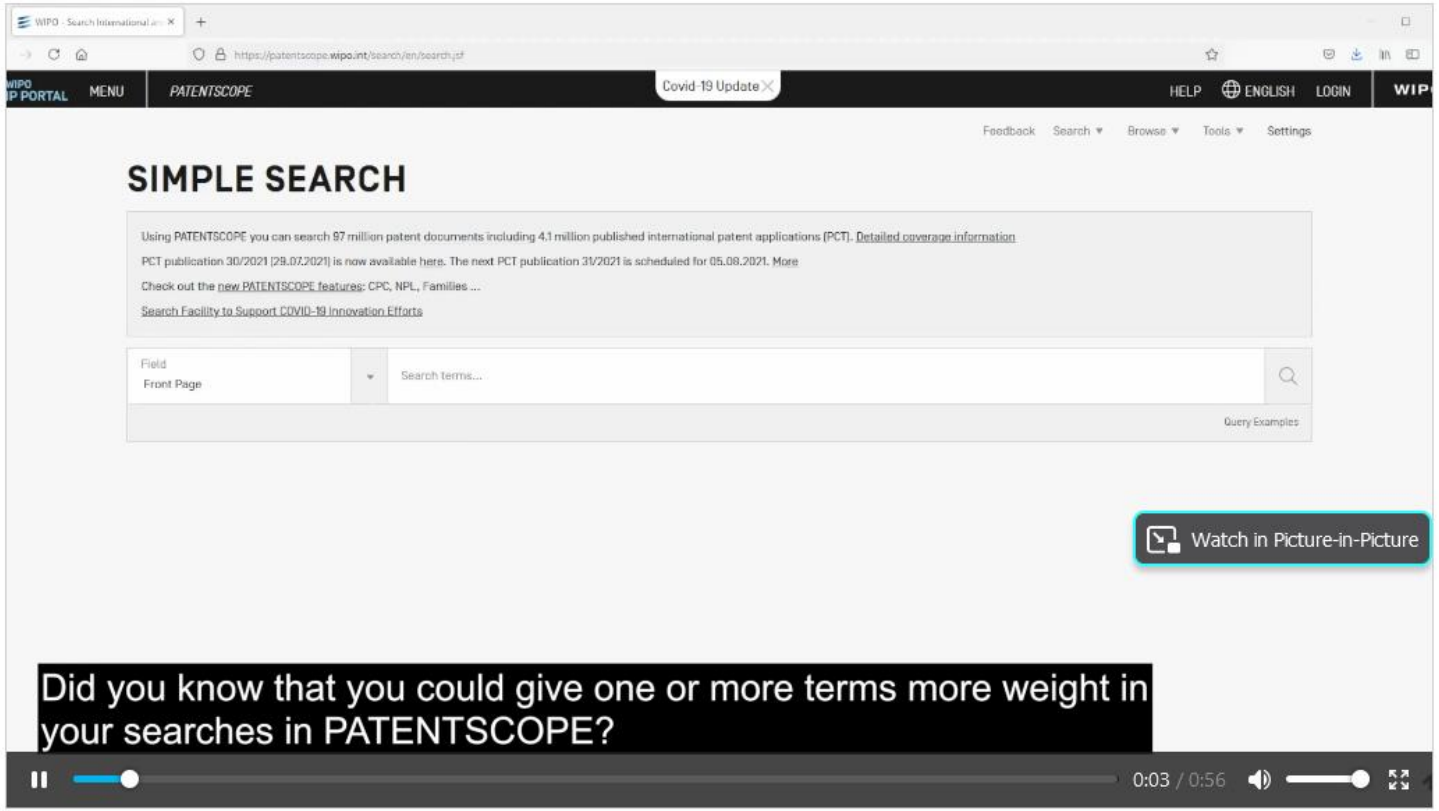

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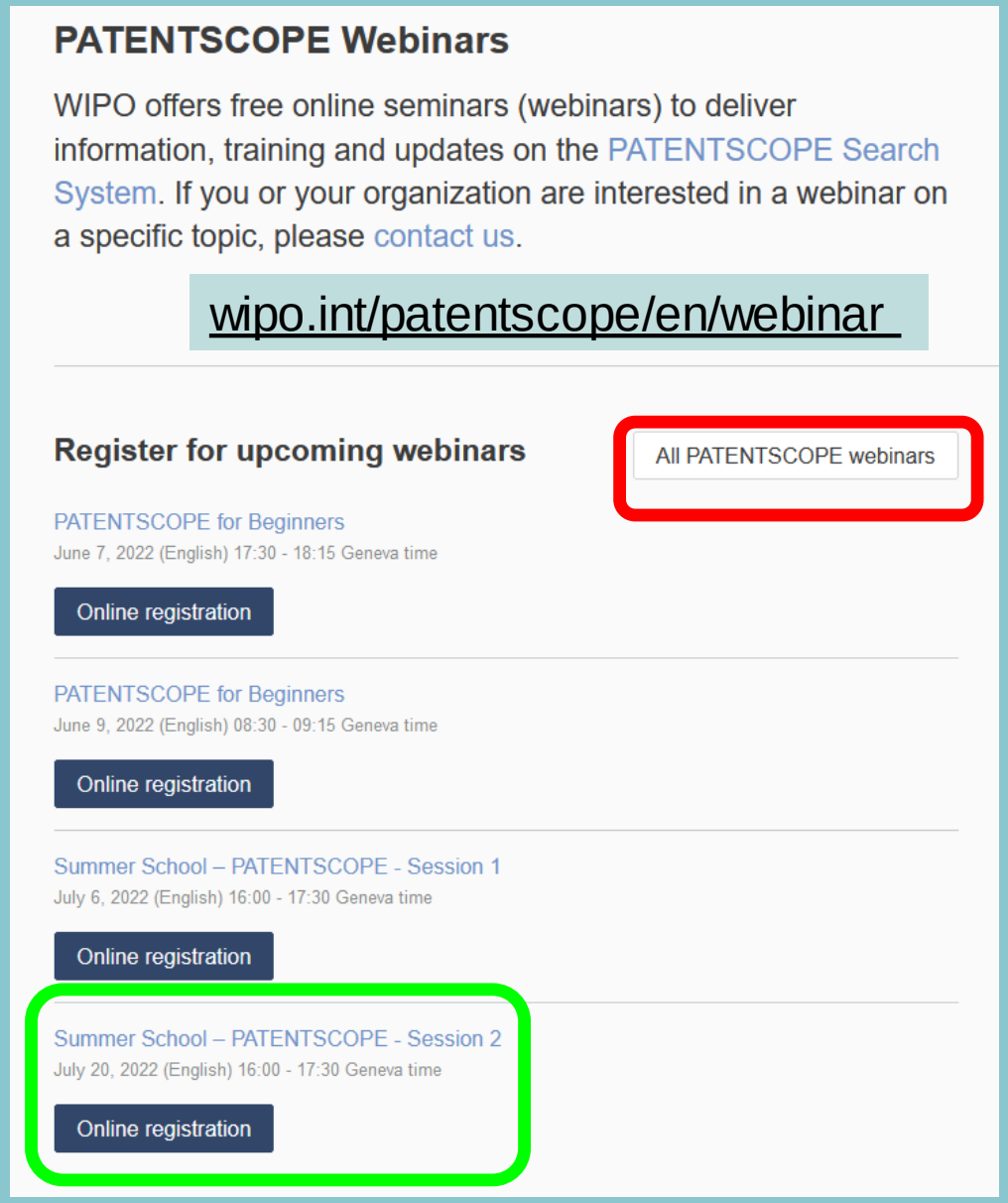


CONTACT
patentscope@wipo.int