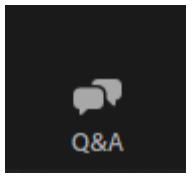
The webinar will begin in:



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

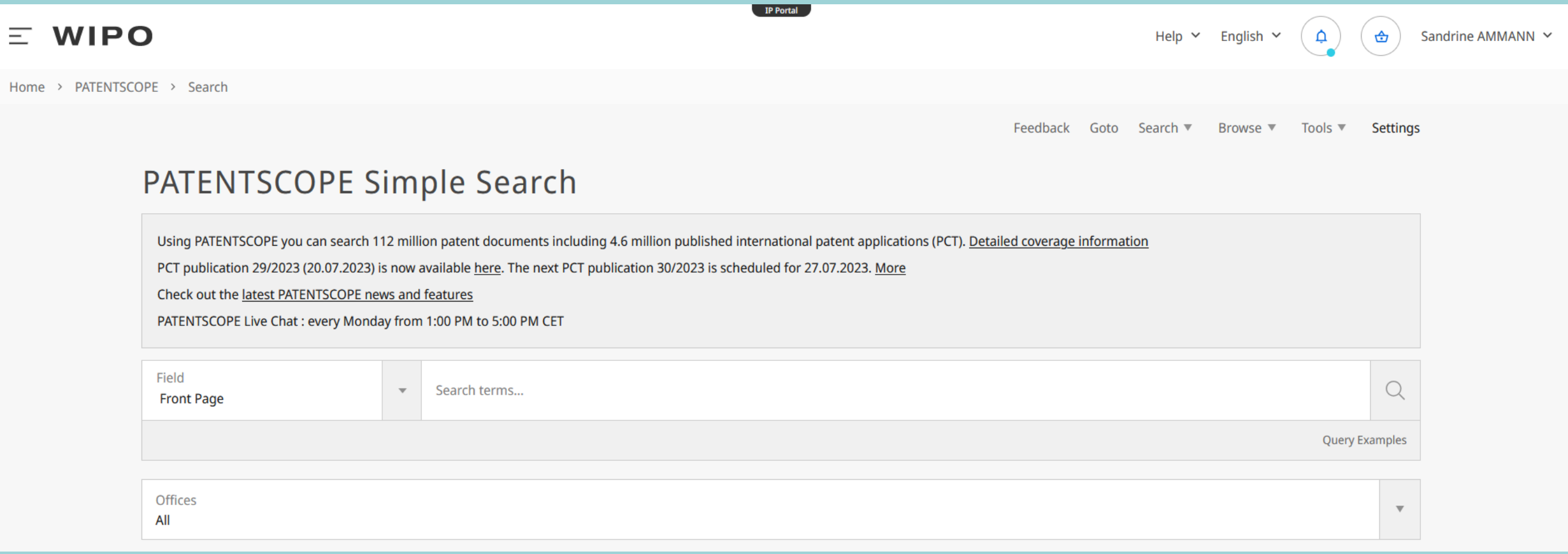
Questions/concerns

patentscope@wipo.int

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

PATENTSCOPE

- No cost - Available to all: https://patentscope.wipo.int



Summer school

Session 1: easy exercises

number
IPC
name
date
keywords
RSS feed
stemming

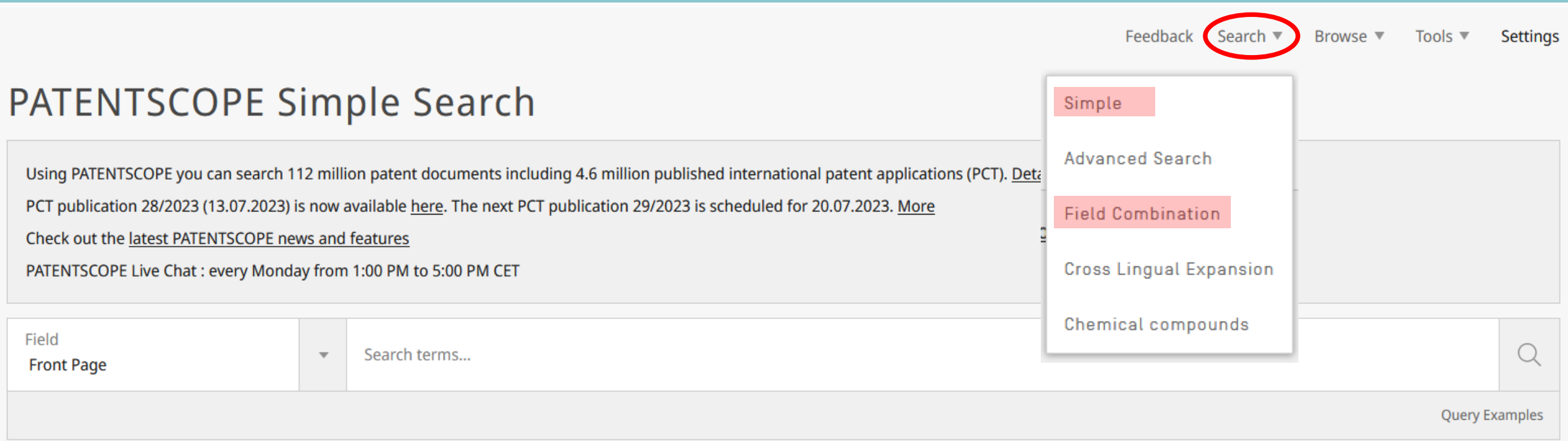
Session 2: intermediate exercises

Session 3: advanced exercises

Session 4: mix of exercises

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Simple/Field Combination



Exercises

1. documents number A50008/2022

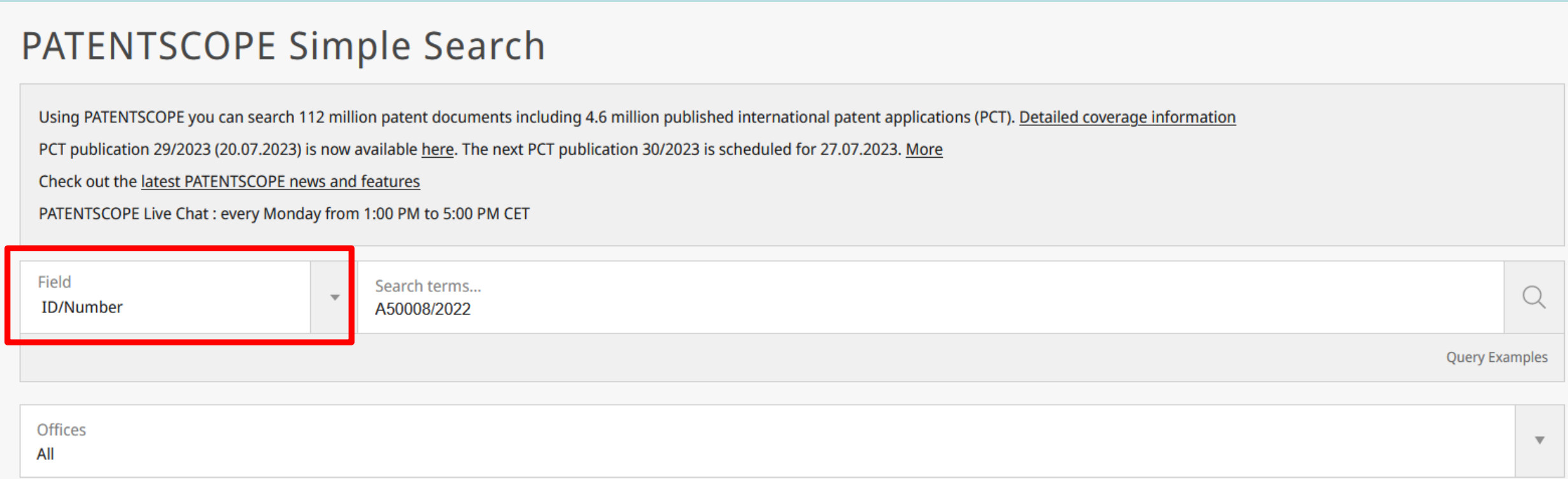
2. documents number WO/2023/130202

3. document number 21770005

4. Document number 18122511

Solution

1. documents number A50008/2022



1. AT525787 - ABSCHALUNG HBV DECKE

National Biblio. Data

PermaLink Machine translation

Office
Austria

Application Number
A50008/2022

Application Date
11.01.2022

Publication Number
525787

Publication Date
15.07.2023

Publication Kind
A1

IPC
E04G 11/08 E04G 11/36 E04B 5/12 E04C 2/26

CPC
E04G 11/08 E04G 11/36 E04B 5/12 E04C 2/26

Agents
GIBLER & POTH PATENTANWÄLTE KG

Title
(DE) ABSCHALUNG HBV DECKE

Abstract
(DE) Es wird ein Verfahren zur Herstellung einer Verbunddeckenplatte (1) umfassend eine Zugschicht (2) und eine auf der Zugschicht (2) angeordnete Betonschicht (3) vorgeschlagen, wobei in der Zugschicht (2) vorgegebene Ausnehmungen (4) angeordnet sind, wobei erste Endbereiche (5) von Schalungselementen (6) in den vorgegebenen Ausnehmungen (4) angeordnet werden, wobei der von den Schalungselementen (6) begrenzte Innenbereich zur Herstellung der Betonschicht (3) mit Beton ausgegossen wird und wobei die Schalungselemente (6) nach dem Aushärten des Betons entfernt werden.

Solution

2. documents number WO/2023/130202

PATENTSCOPE Simple Search

Using PATENTSCOPE you can search 112 million patent documents including 4.6 million published international pat

PCT publication 29/2023 (20.07.2023) is now available here. The next PCT publication 30/2023 is scheduled for 27.07

Check out the latest PATENTSCOPE news and features

PATENTSCOPE Live Chat : every Monday from 1:00 PM to 5:00 PM CET

Field
ID/Number

Search terms...
WO/2023/130202

Offices
All

1. WO2023130202 - ARRAY SUBSTRATE AND DISPLAY APPARATUS

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

Start wa

Publication Number
WO/2023/130202

Publication Date
13.07.2023

International Application No.
PCT/CN2022/070043

International Filing Date
04.01.2022

IPC
G09G 3/3225 2016.1

Applicants
BOE TECHNOLOGY GROUP CO., LTD. [CN]/[CN]
No.10 Jiuxianqiao Rd., Chaoyang District
Beijing 100015, CN

CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. [CN]/[CN]
No.1188 Hezuo Rd., (West Zone), Hi-tech Development Zone Chengdu, Sichuan
611731, CN

Title
[EN] ARRAY SUBSTRATE AND DISPLAY APPARATUS
[FR] SUBSTRAT DE RÉSEAU ET APPAREIL D'AFFICHAGE

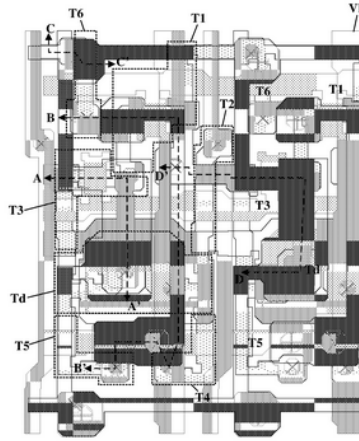
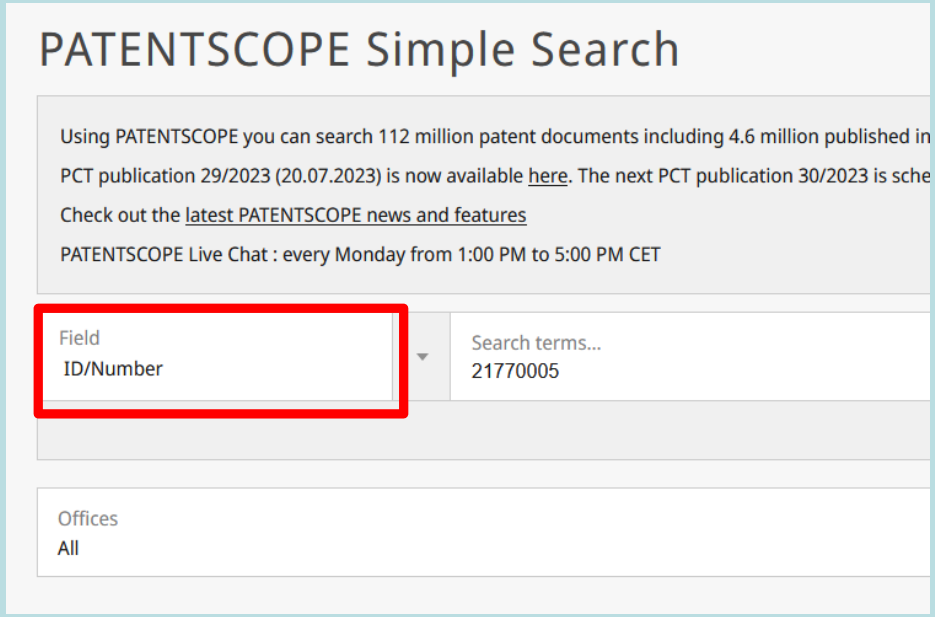


FIG. 3A

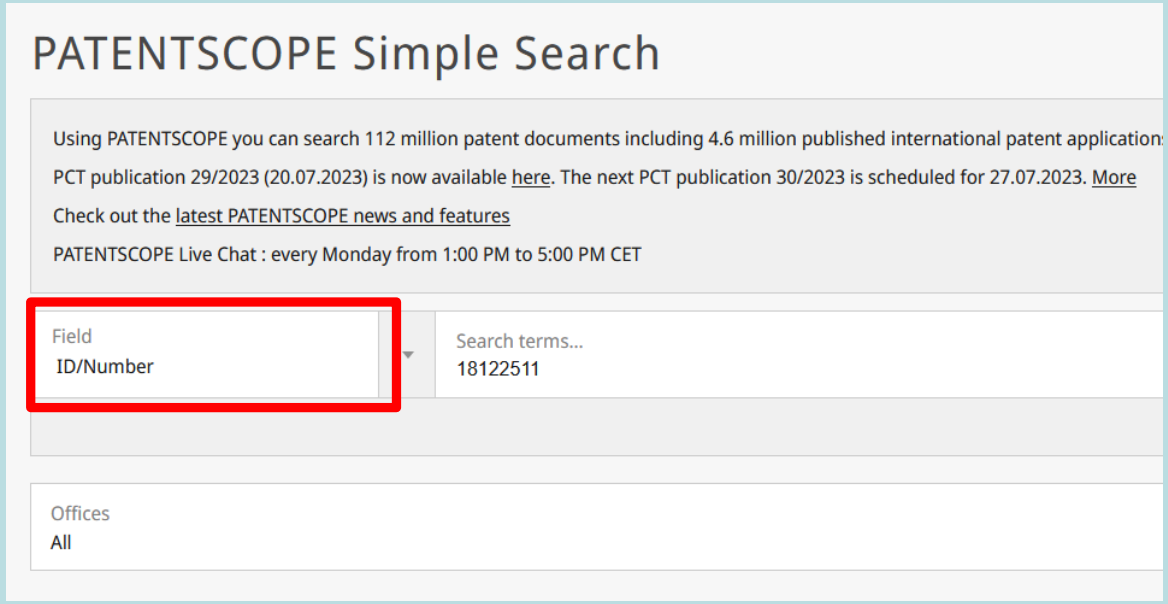
Solution

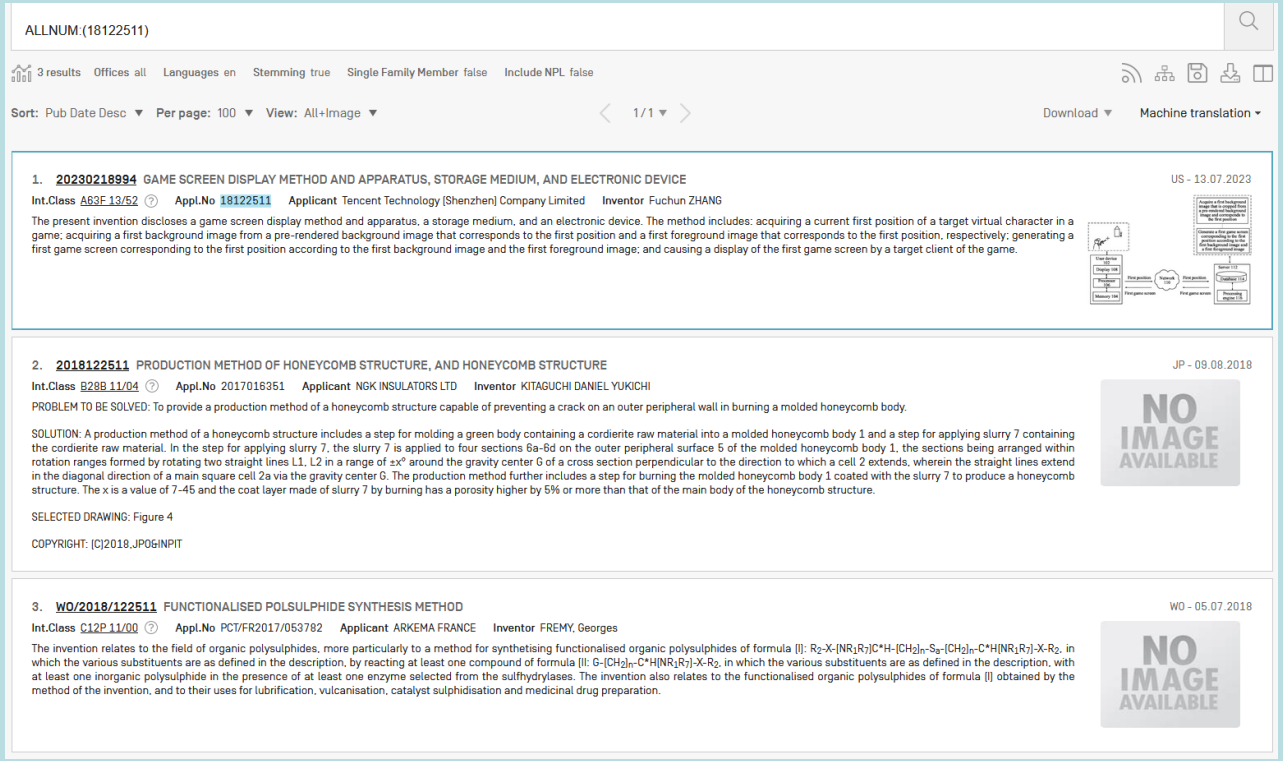
3. document number 21770005



Solution

4. Document number 18122511





- the application number
- the PCT publication number
- the national publication number
- the priority number

ALLNUM:(18122511)

3 results Offices all Lang

Sort: Pub Date Desc ▼ Per page: 10 ▼ View: All ▼ 1 / 1 ▼ Machine translation ▾

1. **20230218994** GAME SCREEN DISPLAY METHOD AND APPARATUS, STORAGE MEDIUM, AND ELECTRONIC DEVICE — US - 13.07.2023

Int.Class A63F 13/52 **Appl.No** 18122511 **Applicant** Tencent Technology (Shenzhen) Company Limited **Inventor** Fuchun ZHANG

The present invention discloses a game screen display method and apparatus, a storage medium, and an electronic device. The method includes: acquiring a current first position of a target virtual character in a game; acquiring a first background image from a pre-rendered background image that corresponds to the first position and a first foreground image that corresponds to the first position, respectively; generating a first game screen corresponding to the first position according to the first background image and the first foreground image; and causing a display of the first game screen by a target client of the game.

2. **2018122511** PRODUCTION METHOD OF HONEYCOMB STRUCTURE, AND HONEYCOMB STRUCTURE — JP - 09.08.2018

Int.Class B28B 11/04 **Appl.No** 2017016351 **Applicant** NGK INSULATORS LTD **Inventor** KITAGUCHI DANIEL YUKICHI

PROBLEM TO BE SOLVED: To provide a production method of a honeycomb structure capable of preventing a crack on an outer peripheral wall in burning a molded honeycomb body.

SOLUTION: A production method of a honeycomb structure includes a step for molding a green body containing a cordierite raw material into a molded honeycomb body 1 and a step for applying slurry 7 containing the cordierite raw material. In the step for applying slurry 7, the slurry 7 is applied to four sections 6a-6d on the outer peripheral surface 5 of the molded honeycomb body 1, the sections being arranged within rotation ranges formed by rotating two straight lines L1, L2 in a range of ±x° around the gravity center G of a cross section perpendicular to the direction to which a cell 2 extends, wherein the straight lines extend in the diagonal direction of a main square cell 2a via the gravity center G. The production method further includes a step for burning the molded honeycomb body 1 coated with the slurry 7 to produce a honeycomb structure. The x is a value of 7-45 and the coat layer made of slurry 7 by burning has a porosity higher by 5% or more than that of the main body of the honeycomb structure.

SELECTED DRAWING: Figure 4

3. **WO/2018/122511** FUNCTIONALISED POLSULPHIDE SYNTHESIS METHOD — WO - 05.07.2018

Int.Class C12P 11/00 **Appl.No** PCT/FR2017/053782 **Applicant** ARKEMA FRANCE **Inventor** FREMY, Georges

The invention relates to the field of organic polysulphides, more particularly to a method for synthetising functionalised organic polysulphides of formula (I): R_2-X-[NR_1R_7]C*H-[CH_2]$_n$-S_a-[CH_2]$_n$-C*H[NR_1R_7]-X-R_2, in which the various substituents are as defined in the description, by reacting at least one compound of formula (II: G-[CH_2]$_n$-C*H[NR_1R_7]-X-R_2, in which the various substituents are as defined in the description, with at least one inorganic polysulphide in the presence of at least one enzyme selected from the sulfhydrylases. The invention also relates to the functionalised organic polysulphides of formula (I) obtained by the method of the invention, and to their uses for lubrification, vulcanisation, catalyst sulphidisation and medicinal drug preparation.

1 / 1 ▼

Exercises

5. documents having the IPC codes G02F1/153

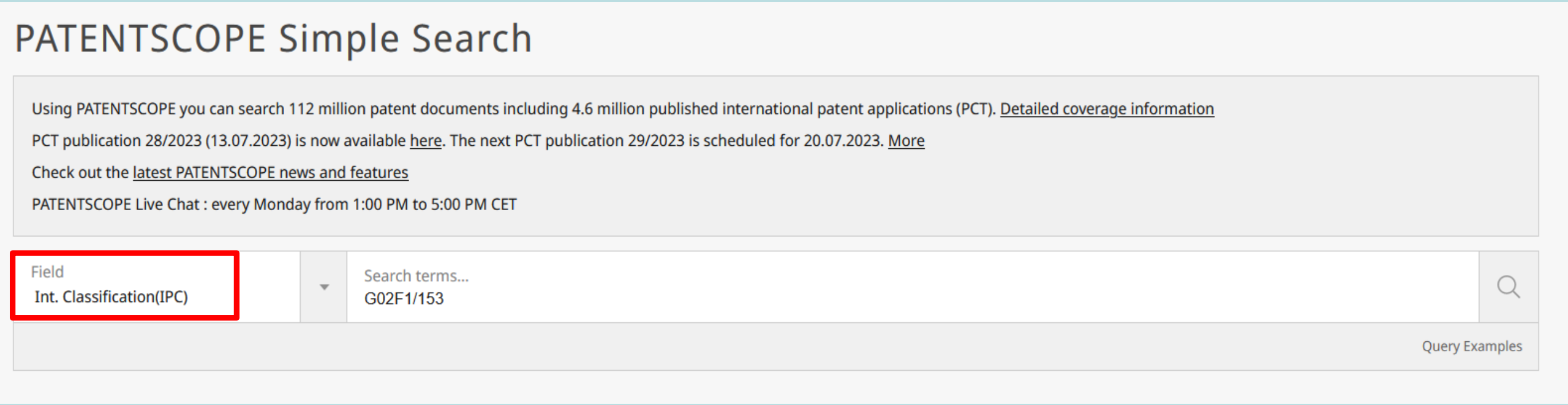
6. documents having the IPC A23L33/105

7. documents having the IPC F23D1/02 in Chinese national patent collection

8. documents having the **exact** IPC D06F43/00

Solution

5. documents having the IPC codes G02F1/153



IC:(G02F1/153)

- Includes sub-classes

11,034 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Pub Date Desc Per page: 10 View: All 1 / 1,104 Machine translation

1. **2946279** PELÍCULAS ELECTROCRÓMICAS CON PROTECCIÓN DE BORDES — ES - 14.07.2023
Int.Class G02F 1/153 Appl.No 19206363 Applicant Furcifer Inc. Inventor CHEN, Zhao

2. **20230221608** ELECTROCHROMIC DEVICE AND ELECTRONIC DEVICE — US - 13.07.2023
Int.Class G02F 1/153 Appl.No 18117684 Applicant SHENZHEN GUANGYI TECH CO., LTD. Inventor Jiacheng LI
An electrochromic device, comprising a first conductive base layer, an electrochromic layer and a second conductive base layer stacked in sequence. The first conductive base layer comprises a first transparent conductive layer and a first base material layer stacked in sequence; the first transparent conductive layer is adhered to one side of the electrochromic layer; the second conductive base layer comprises a second transparent conductive layer and a second base material layer stacked in sequence; the second transparent conductive layer is adhered to the other side of the electrochromic layer; a partition groove is provided in the second transparent conductive layer for partitioning the second transparent conductive layer into a first conductive area and a second conductive area independent of each other; a conduction member is provided on the second conductive area, and the first transparent conductive layer is electrically connected to the second conductive area by the conduction member.

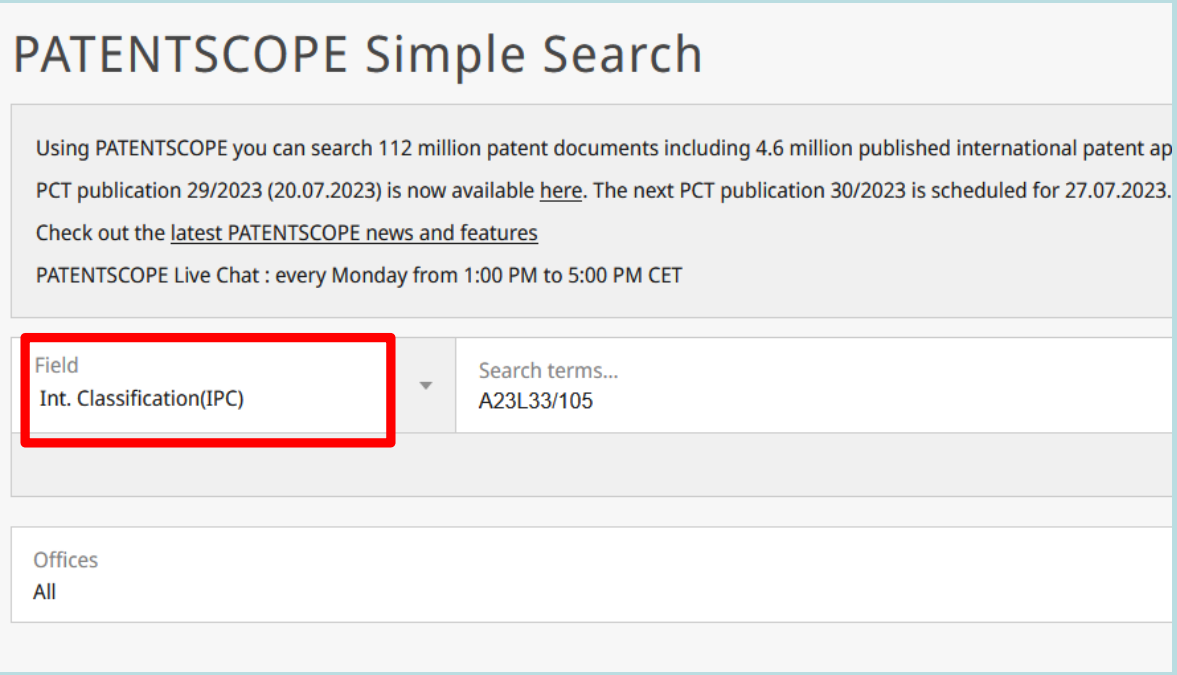
3. **202[illegible]** MULTI-LAYER POLYMORPHIC DASHBOARD — US - 13.07.2023
Int.Class G02F 1/1676 Appl.No 17572902 Applicant Paul Atkinson Inventor Paul Atkinson
Described herein is a polymorphic dashboard that has (1) a first set of indicators with front and back electro-optic layers having different operable properties and (2) a second set of indicators with a front and back electro-optic layers having different operable properties. Of the four electro-optic layers, at least one of the layers has different operable properties as compared to the others. For each indicator, its optical state is a composite of the optical states of that indicator's front electro-optic layer and back electro-optic layer.

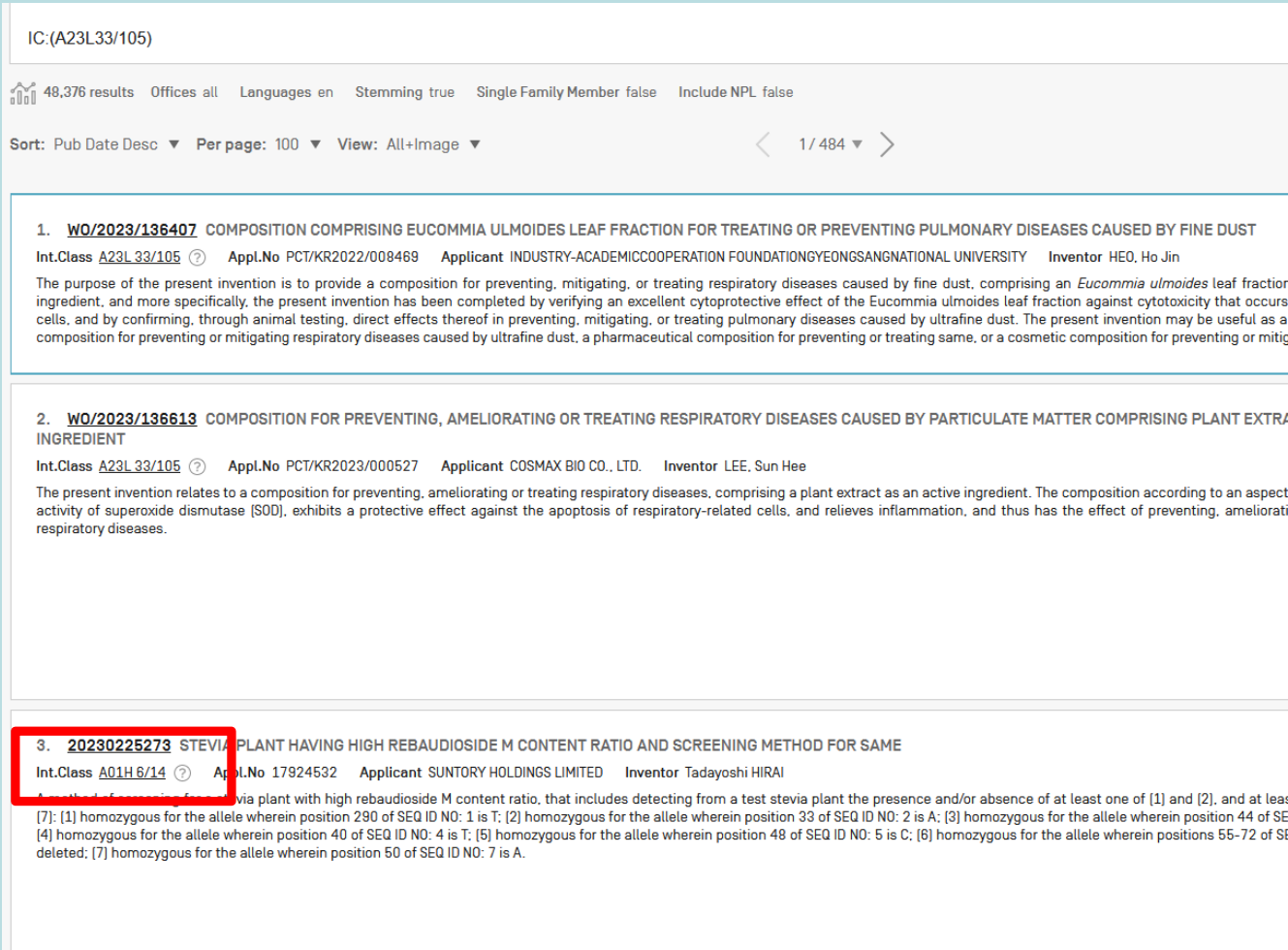
4. **20230221609** METHODS OF MANUFACTURING ELECTROCHROMIC DEVICES CONTAINING A SOLID-STATE ELECTROLYTE — US - 13.07.2023
Int.Class G02F 1/155 Appl.No 18185025 Applicant HIVISQ TECHNOLOGIES SL., Inventor Andrew LOXLEY
A free-standing polymer electrolyte for an electrochromic device includes a polymer network, a plasticizer and an electrolyte salt containing at least one of lithium or sodium ions. The free-standing polymer electrolyte may exclude tetraglyme.

5. **20230221610** METHOD FOR CONTROLLING ELECTROCHROMIC GLASS, AND ELECTROCHROMIC GLASS — US - 13.07.2023
Int.Class G02F 1/163 Appl.No 17998153 Applicant SHENZHEN GUANGYI TECH CO., LTD. Inventor Zhirui SHI
A method for controlling an electrochromic glass and an electrochromic glass. The electrochromic glass includes a second sensor, a processor module and an electrochromic layer. The second sensor is configured to convert an optical signal to an electrical signal and send the electrical signal to the processor module (**13**). The second sensor is disposed on a side of the electrochromic layer facing away from the incidence of ambient light, and a light-sensing surface of the second sensor faces

Solution

6. documents having the IPC A23L33/105





3. US20230225273 - STEVIA PLANT HAVING HIGH REBAUDIOSIDE M CONTENT RATIO AND SCREENING METHOD FOR SAME

Office
United States of America

Application Number
17924532

Application Date
11.05.2021

Publication Number
20230225273

Publication Date
20.07.2023

Publication Kind
A1

IPC
A01H 6/14 | C12Q 1/6895 | C07H 15/256 | A23L 33/105 | A23L 27/30

CPC
C12Q 1/6895 | A01H 6/1488 | C07H 15/256 | A23L 33/105 | A23L 27/36 | C12Q 2600/13

Applicants
SUNTORY HOLDINGS LIMITED

Inventors
Tadayoshi HIRAI
Kazunari IWAKI
Kentaro OCHIAI

Title
[EN] STEVIA PLANT HAVING HIGH REBAUDIOSIDE M CONTENT RATIO AND SCREENING METHOD FOR SAME

FIG. 1

GGCAGCCATTGATGATGTTGTTGAATGTGATTAATTTGAATGTTATAAAGAAT
TTGGAAAAGAAAAAGGAGGGGACAAAGTTGATGAAATTAGGGGAGTTATGA
TTATGATGGCCATGGTGATTGTGATGAGTGGCACTATGTAATCTAATATTTGA
AGATATGAGACCACTTGACCATGTTATAATCTTATACAAAATAATTAATCCCTC
ACGGTAATTTTTTTCTAATCCTTAAACTGAAATTTGAAAGTAATTTGAGATAGT
GTTTCCCCTAATTTATGCTTTTAGTATGCATTTATTCTATCATATTTTCTATGAG
AATTGG (SEQ ID NO:1)

FIG. 2

TGATTTTGAAAGGATCTGACTGTATGTTTATAAGACATAGTTATGAGTTTGAA
CCCCAATGGCTAACCCT (SEQ ID NO:2)

FIG. 3

AAGGTTCTTTATTTTTAAACTTATGTTAATTTATTGTATCTTGTAGTTAATCAAG
AGATGCTCTCTTGGAGAAATTTTATGGTCATAAAACCTATATCAAAGAGATGC
TCTCTTGGTATATTCCATACTTAAAATATCTATTTTGGAAAAAAAGTGTAGCAT
CTTCCTGCTTTTAGTAGGTGTCAATCATTATTAAATTTCACAAAACCGTGCAA
GAATCCCAGTTTCCCTATAGTTTGTATACGTTCCTGATCTAGTATTTTACTTAT
GTTTCAAATCAATCCAATCATGCTTGTGTCCGAAAATTAAAAAACAAGGGTAT
TGGATGCCCTGTACCACTATTATTAACTTTTCAGAAAAACGTGTAGCATGTGT
ACATAAGG (SEQ ID NO:3)

FIG. 4

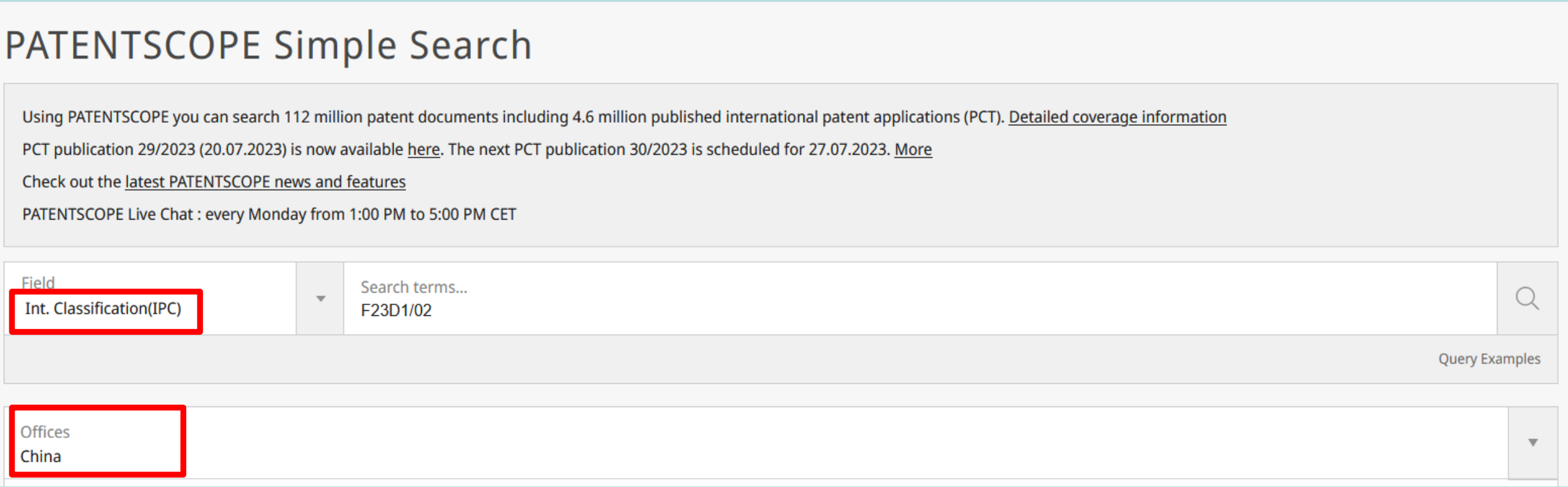
TAATCATCCAAACCCTAATCTCGCCAAACAACCGAATACTTGATCCAAACCCT
GAAATGAGCACAACTCTTGAACCTGATCACGAGAATGAAGAGCACAAACAT
GTTATGACACATGTAAACGATGGTTTTTGCTACATGAAAACCCTAGAAGACG
AAACCCGTTTAACTGTAAATCTTGAAAACACATTCTTTGATGAAAAACCCCTT
TCGTATCCGGATCTTATGGACTTTTCTGCATCGAAAACGGACGAATACGACT
TCTATGATGAACTTGAAGAGCTGCCAATGTCTTCCTC (SEQ ID NO:4)

Abstract
[EN]
A method of screening for a stevia plant with high rebaudioside M content ratio, that includes detecting from a test stevia plant the presence and/or absence of at least one of [1] and [2], and at least one of [3] to [7]: [1] homozygous for the allele wherein position 290 of SEQ ID NO: 1 is T; [2] homozygous for the allele wherein position 33 of SEQ ID NO: 2 is A; [3] homozygous for the allele wherein position 44 of SEQ ID NO: 3 is T; [4] homozygous for the allele wherein position 40 of SEQ ID NO: 4 is T; [5] homozygous for the allele wherein position 48 of SEQ ID NO: 5 is C; [6] homozygous for the allele wherein positions 55-72 of SEQ ID NO: 6 are deleted; [7] homozygous for the allele wherein position 50 of SEQ ID NO: 7 is A.

Related patent documents
WO2021230257 AU2021270079 BR112022022877 CN115552039 JPWO2021230257 EP4151743 PE2023-0981 AR122076 NZ794299

Solution

7. documents having the IPC F23D1/02 in Chinese national patent collection



IC:(F23D1/02)

1,340 results Offices CN Languages en Stemming true Single Family Member false Include NPL false

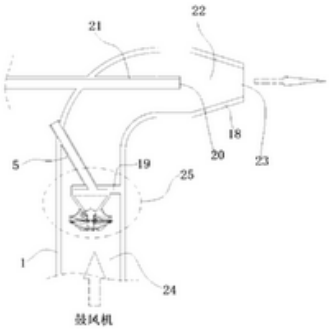
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 14 Download Machine translation

1. **116293657** 基于助燃空气流量的变化来自适应供给燃料的燃烧器

CN - 23.06.2023

Int.Class F23D 1/02 Appl.No 202310046983.1 Applicant 中国矿业大学 Inventor 赵培涛

本发明公开了一种基于助燃空气流量的变化来自适应供给燃料的燃烧器，包括火焰喷嘴、助燃空气管和燃料供给管，火焰喷嘴的一端为火焰喷射口，火焰喷嘴内为混合燃燃烧室，助燃空气管导出端连通连接混合燃烧腔尾部；燃料供给管的燃料导出口伸入混合燃燃烧室中；助燃空气管内的通风通道内设置有煤粉分散单元，煤粉分散单元将煤粉均匀的分散在通风通道内，能稳定助燃空气的流量与煤粉导入量的比例稳定在合理区间。

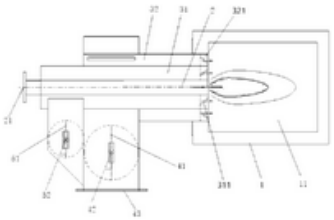


2. **219222395** 一种具有新型配风室的木粉燃烧器

CN - 20.06.2023

Int.Class F23D 1/02 Appl.No 202223195838.X Applicant 捷旗马克能源科技(江苏)有限公司 Inventor 张玮

本实用新型提供了一种具有新型配风室的木粉燃烧器，涉及人造板热能设备技术领域，包括锅炉本体、燃料输送通道、风道以及与所述风道连通的风路通道，所述燃料输送通道及风道均与所述锅炉本体连通，所述风路通道包括并排设置的第一风路通道及第二风路通道，所述第一风路通道上设置一路风门，所述第二风路通道上设置二路风门。本技术方案解决了现有技术中结构空间较狭小的锅炉设备其火焰范围不受控或较长，容易造成设备本体或耐火材料的损坏，缩短锅炉设备的使用寿命的技术问题。



3. **116241883** 一种锅炉超低负荷运行稳燃方法

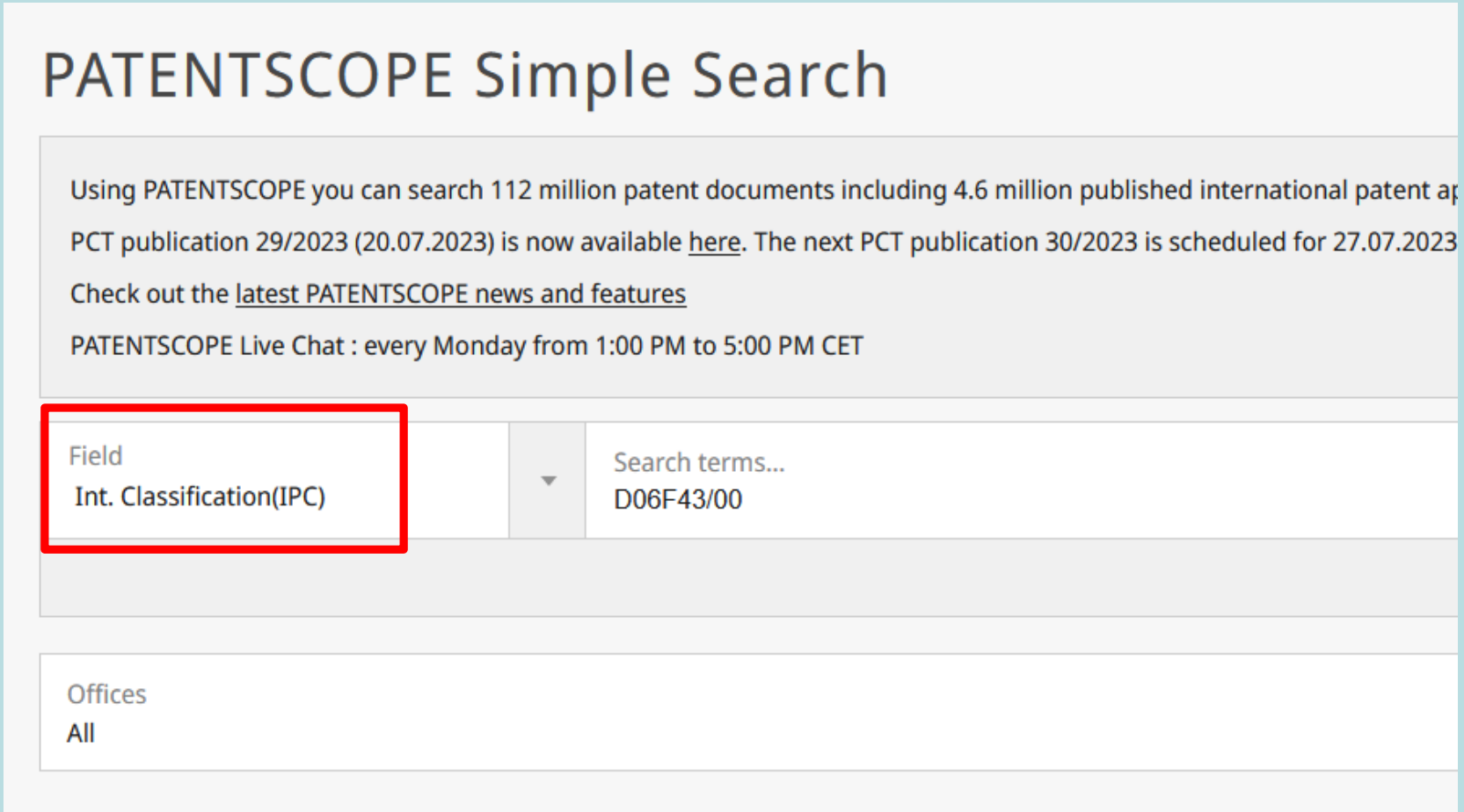
CN - 09.06.2023

Int.Class F23D 1/02 Appl.No 202211635779.5 Applicant 中煤能源新疆煤电化有限公司 Inventor 尹黔昊

本发明涉及一种锅炉技术领域的方法，具体涉及一种锅炉超低负荷运行稳燃方法，为了解决煤粉锅炉超低负荷运行阶段，粉浓度偏低、煤粉着火稳火困难，锅炉极易熄火，造成机组非停的问题，本方案根据机组设计负荷，沿锅炉高度方向从下向上依次在锅炉前后墙上布置n层燃烧器，n≥2，燃烧器的层数布置煤粉浓淡分离装置，煤粉浓淡分离装置的数量为[n-1]×m个.其中m为同层燃烧器个数；将任意一个煤粉浓淡分离装置的富燃料一次风煤粉气流管与相邻两层燃烧器中的下层燃烧器的一次风通道连接；将任意一个煤粉浓淡分离装置的富氧气一次风煤粉气流管与相邻两层燃烧器中的上层燃烧器的中心风通道连

Solution

8. documents having the **exact** IPC D06F43/00



IC:(D06F43/00)

6,288 results | Offices all | Languages en | Stemming true | Single Family Member false | Include NPL false

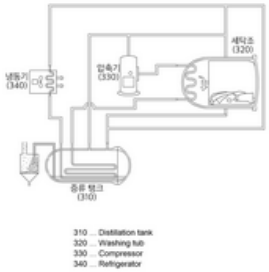
Sort: Pub Date Desc | Per page: 100 | View: All+Image | 1 / 63 | Download | Machine translation

1. **WO/2023/136437** LAUNDRY TREATING APPARATUS, AND CONTROL METHOD THEREOF

WO - 20.07.2023

Int.Class D06F 43/00 | Appl.No PCT/KR2022/017020 | Applicant LG ELECTRONICS INC. | Inventor LEE, Jang Seok

Disclosed are: a laundry treating apparatus which has a 2-tank structure including a distillation tank and a washing tub, rather than a 3-tank structure including a storage tank, a washing tub, and a distillation tank; and a control method thereof. The laundry treating apparatus comprises: a washing tub which contains laundry in an internal space; a distillation tank which stores liquefied carbon dioxide; a compressor which sucks and discharges gaseous carbon dioxide, evaporated from the liquefied carbon dioxide, from the distillation tank; a cooler which cools the discharged gaseous carbon dioxide in order to supply liquefied carbon dioxide to the washing tub; and a control unit.

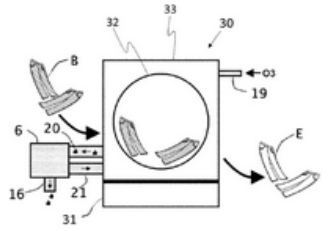


2. **20230228031** SYSTEM AND A METHOD FOR PROCESSING TEXTILES

US - 20.07.2023

Int.Class D06M 11/34 | Appl.No 18171815 | Applicant JEANOLOGIA TEKNOLOJI ANONIM SIRKETI | Inventor Hüseyin AYDIN

A system including: a machine for processing textiles and configured to treat, within the same, textiles with a gaseous mixture including ozone gas; and a dehumidification system connected to, or integrated into, the machine and configured to reduce a humidity of the gaseous mixture. Also, a method for processing textiles, including: in a machine for processing textiles, treating textiles with a gaseous mixture that includes ozone gas; and, using a dehumidification system connected to, or integrated into, the machine for reducing a humidity of the gaseous mixture.



3. **3242697** 生地の染色堅牢度の向上装置

JP - 28.06.2023

Int.Class D06B 1/00 | Appl.No 2023001538 | Applicant 姜譚 | Inventor 姜譚

【課題】洗浄溶媒の回収再利用が達成され、資源が節約されるとともに、洗浄溶媒で生地表面の浮き色を除去することで生地の染色堅牢度が向上する生地の染色堅牢度の向上装置を提供する。
【解決手段】洗浄部材と、溶媒タンクと、溶媒回収装置とを含む生地の染色堅牢度の向上装置であって、前記洗浄部材は、生地を洗浄するためのものであり、前記溶媒タンクは、前記洗浄部材に連通し、前記溶媒タンクの内部は、洗浄溶媒を収容し、洗浄溶媒を前記洗浄部材内に輸送するためのものであり、前記溶媒回収装置の入口は、前記洗浄部材に連通し、前記溶媒回収装置の出口は、前記溶媒タンクに連通し、前記溶媒回収装置は、前記洗浄部材内の洗浄溶媒を回収し、前記溶媒タンク内に輸送する。
【選択図】図１

IC_EX(D06F43/00)

D06F43/00: Dry-cleaning apparatus using volatile solvents

D06F43/02: having one rotary cleaning receptacle only

D06F43/04: having more than one rotary cleaning receptacle

D06F43/06: wherein the articles to be cleaned are passed through a cleaning chamber or bath

D06F43/08: Associated apparatus for handling and recovering the solvents

*

carbon dioxide to the washing tub; and a control unit.

2. **20230228031** SYSTEM AND A METHOD FOR PROCESSING TEXTILES

Int.Class D06M 11/34 **Appl.No** 18171815 **Applicant** JEANOLOGIA TEKNOLOJI ANONIM SIRKETI **Inventor** Hüseyin AYDIN

A system including: a machine for processing textiles and configured to treat, within the same, textiles with a gaseous mixture including ozone gas; and a dehumidification system connected to, or i the machine and configured to reduce a humidity of the gaseous mixture. Also, a method for processing textiles, including: in a machine for processing textiles, treating textiles with a gaseou includes ozone gas; and, using a dehumidification system connected to, or integrated into, the machine for reducing a humidity of the gaseous mixture.

IC_EX:(D06F43/00)

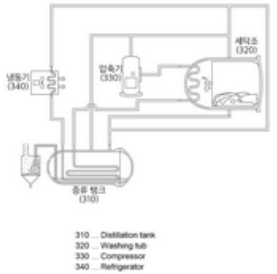
3,278 results | Offices all | Languages en | Stemming true | Single Family Member false | Include NPL false

Sort: Pub Date Desc | Per page: 100 | View: All+Image | 1 / 33 | Download | Machine translation

1. **WO/2023/136437** LAUNDRY TREATING APPARATUS, AND CONTROL METHOD THEREOF — WO - 20.07.2023

Int.Class D06F 43/00 | Appl.No PCT/KR2022/017020 | Applicant LG ELECTRONICS INC. | Inventor LEE, Jang Seok

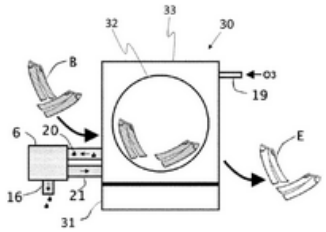
Disclosed are: a laundry treating apparatus which has a 2-tank structure including a distillation tank and a washing tub, rather than a 3-tank structure including a storage tank, a washing tub, and a distillation tank; and a control method thereof. The laundry treating apparatus comprises: a washing tub which contains laundry in an internal space; a distillation tank which stores liquefied carbon dioxide; a compressor which sucks and discharges gaseous carbon dioxide, evaporated from the liquefied carbon dioxide, from the distillation tank; a cooler which cools the discharged gaseous carbon dioxide in order to supply liquefied carbon dioxide to the washing tub; and a control unit.



2. **20230228031** SYSTEM AND A METHOD FOR PROCESSING TEXTILES — US - 20.07.2023

Int.Class D06M 11/34 | Appl.No 18171815 | Applicant JEANOLOGIA TEKNOLOJI ANONIM SIRKETI | Inventor Hüseyin AYDIN

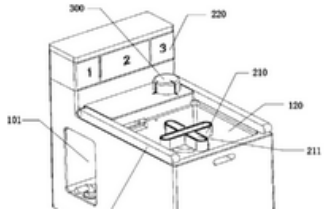
A system including: a machine for processing textiles and configured to treat, within the same, textiles with a gaseous mixture including ozone gas; and a dehumidification system connected to, or integrated into, the machine and configured to reduce a humidity of the gaseous mixture. Also, a method for processing textiles, including: in a machine for processing textiles, treating textiles with a gaseous mixture that includes ozone gas; and, using a dehumidification system connected to, or integrated into, the machine for reducing a humidity of the gaseous mixture.



3. **116289071** 一种衣物的局部洗护设备 — CN - 23.06.2023

Int.Class D06F 9/00 | Appl.No 202211103186.4 | Applicant 卓力电器集团有限公司 | Inventor 刘汉东

本发明涉及一种衣物的局部洗护设备，包括主体，所述主体上设有洗护模块，包括清洗组件、烘干组件以及熨烫组件，能够对衣物进行局部的清洗后并且进行烘熨护理；所述洗护组件包括有清洁刷，所述清洁刷能够在水平方向上运动，对放置在上方的衣物进行清洁及除皱；溶液室，与清洁刷连通，将清水或洗护液送入到清洁刷上用于对衣物进行清洁。本发明的有益效果在于：1、本发明中设置在水平方向上运动的清洗刷，模拟人工刷洗衣物，对衣物的污渍位置进行局部的清洗，并且在清洗时不会将衣物脏污区域扩大；2、将水洗、干洗或混合洗集中设置在主体上，实现所有种类污渍和面料的清洗，同时配合熨烫和烘干，对衣物进行护理，实现全自动的局部护理。



Exercises

9. Documents belonging to the company Green Cross Corporation

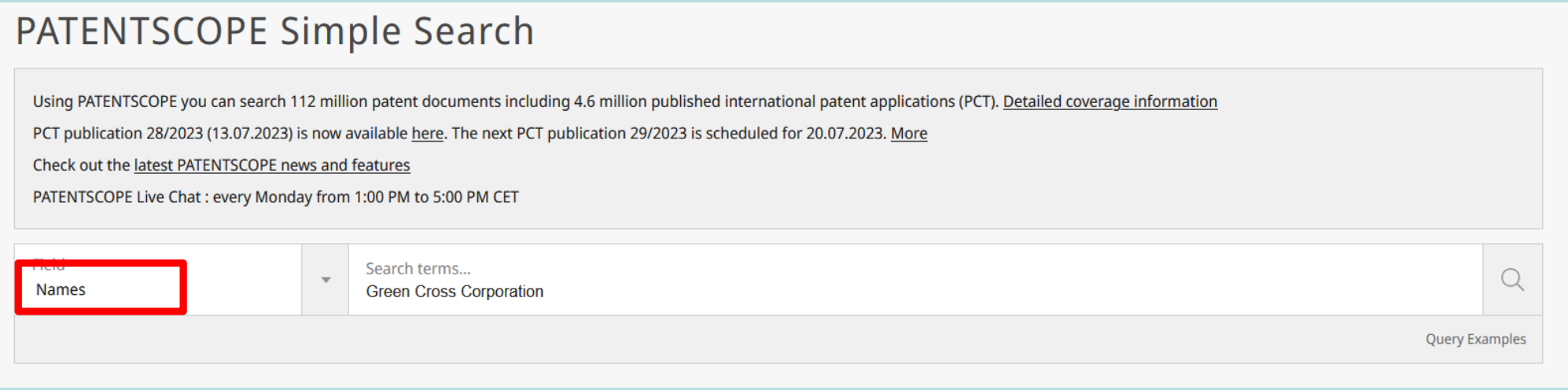
10. Documents belonging to the inventor Eymelli Akin

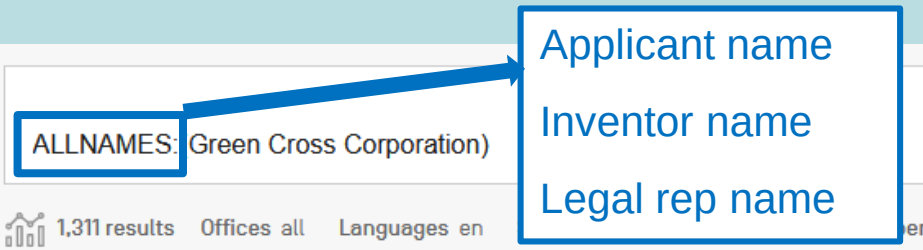
11. Documents belonging to the agent LangPatent Anwaltskanzlei IP Law Firm in national patent colletion of Austria

12. Documents belonging to the company Canyon with a publication date in 2021

Solutions

9. Documents belonging to the company Green Cross Corporation





1,311 results Offices all Languages en er false Include NPL false

Sort: Pub Date Desc Per page: 10 View: All 1 / 132 Machine translation

1. **800513** ADAMTS13 VARIANT HAVING INCREASED ESCAPING RATE OR ACTIVITY AGAINST AUTOANTIBODY — NZ - 30.06.2023

Int.Class C12N 9/64 **Appl.No** 800513 **Applicant** GREEN CROSS CORPORATION **Inventor** NAM, Hyun-Ja

The present invention relates to an ADAMTS13 mutant protein having an improved escaping rate against an autoantibody and a composition for preventing or treating thrombotic diseases using same. By efficiently avoiding representative autoantibodies known to have high binding affinity to the main domain of ADAMTS13, the ADAMTS13 variant protein of the present invention can be used as an effective therapeutic composition for various thrombotic diseases, such as TTP [thrombotic thrombocytopenic purpura], etc., in which the presence of such autoantibodies is the main etiology, and can stably maintain the biological activity thereof when administered into a body. In addition, as a new site recognized by an autoantibody is identified within ADAMTS13, the present invention can be used usefully in screening novel ADAMTS13 variants having an improved autoantibody escaping rate by applying a combination of various mutations within the corresponding site.

2. **20230201277** COMPOSITION FOR TREATING RESPIRATORY DISEASES OR INFLAMMATORY DISEASES CAUSED BY FINE DUST STIMULATION, CONTAINING LACTIC ACID BACTERIA — US - 29.06.2023

Int.Class A61K 35/744 **Appl.No** 17927167 **Applicant** GREEN CROSS WELLBEING CORPORATION **Inventor** Minjung JANG

Novel strains of *Lactobacillus plantarum* GCWB1001 deposited as accession number KCCM12698P, *Pediococcus acidilactici* GCWB1085 deposited as accession number KCCM12699P, or *Lactobacillus rhamnosus* GCWB1156 deposited as accession number KCCM12700P are disclosed. The novel strains have the excellent effect of treating or alleviating respiratory diseases. Additionally, provided are a pharmaceutical composition, a health functional food composition, and probiotics, all of which have the effect of treating or alleviating inflammatory diseases or respiratory diseases, containing any one of the novel strains.

3. **20230192851** ANTI-CD3 ANTIBODY AND PHARMACEUTICAL COMPOSITION FOR CANCER TREATMENT COMPRISING SAME — US - 22.06.2023

Int.Class C07K 16/28 **Appl.No** 17958995 **Applicant** Green Cross Corporation **Inventor** Ki Su KIM

An anti-CD3 antibody and a pharmaceutical composition, and their uses are disclosed. The anti-CD3 antibody are useful for treating or preventing cancer. The antibody has high affinity and specificity for CD3 and thus can be effectively used in cancer prevention or treatment.

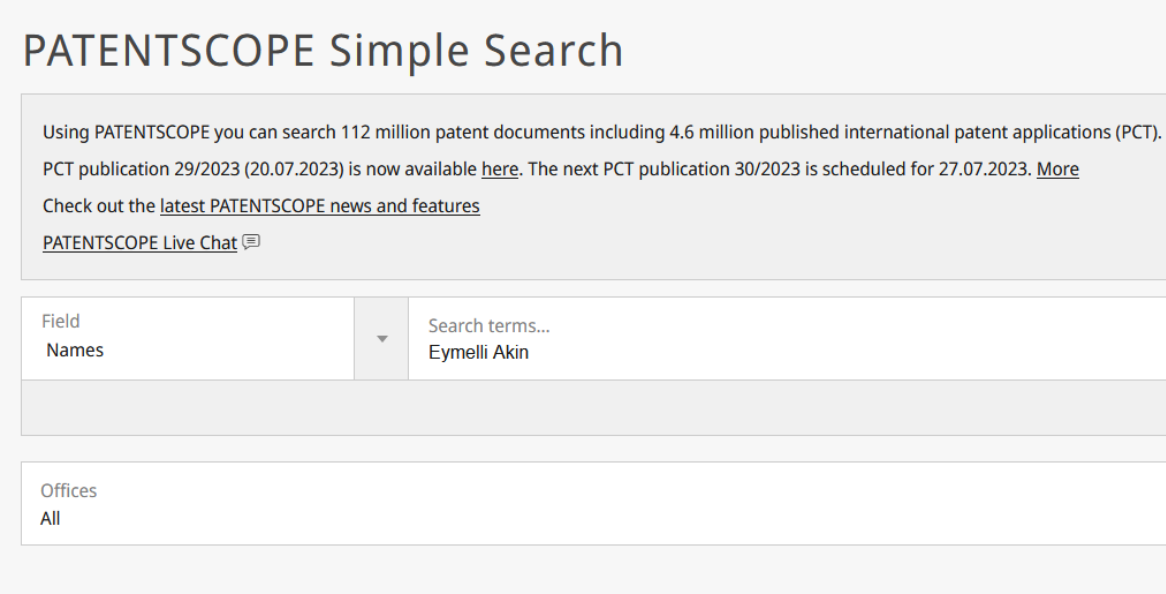
4. **20230172248** NOVEL LACTIC ACID BACTERIA HAVING EXCELLENT IMMUNE FUNCTION ENHANCEMENT EFFECT, AND FOOD COMPOSITION, HEALTH FUNCTIONAL FOOD COMPOSITION AND PROBIOTICS COMPRISING SAME — US - 08.06.2023

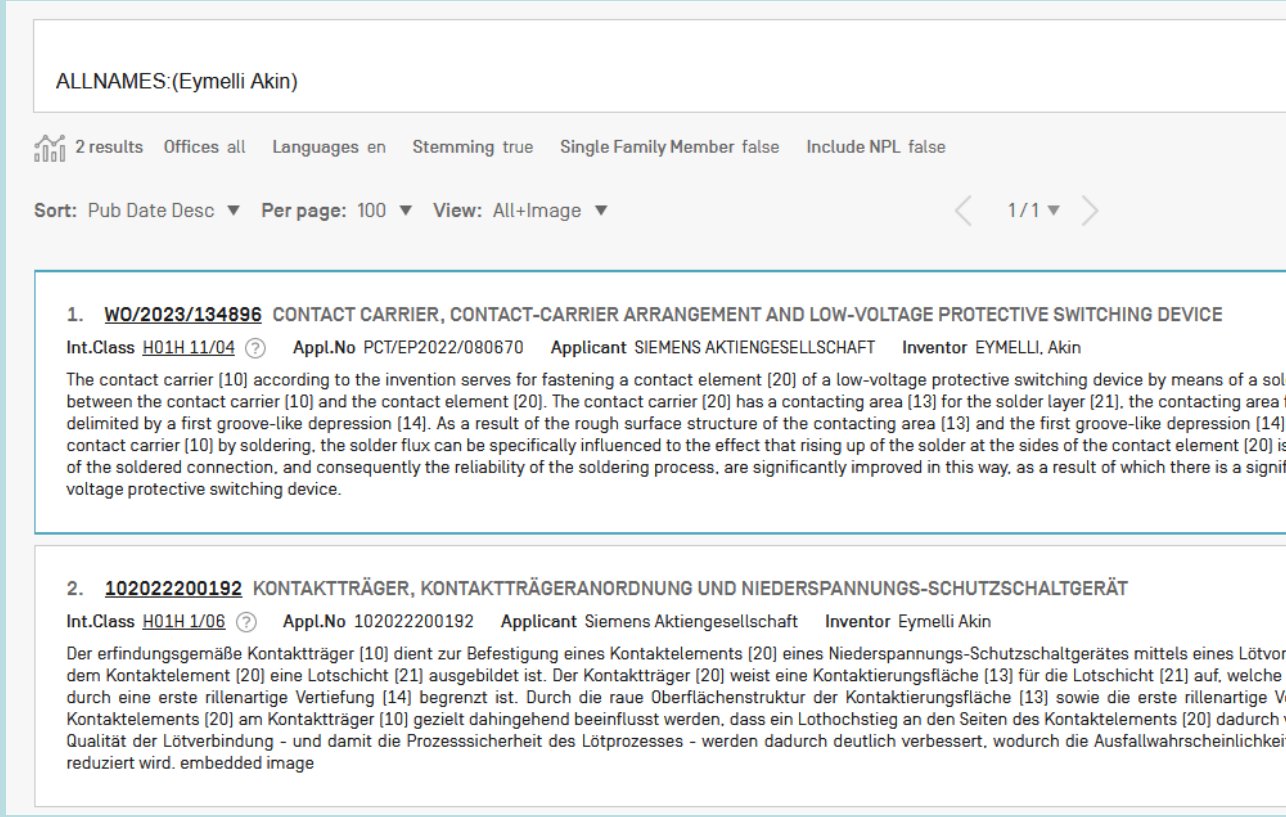
Int.Class A23L 33/135 **Appl.No** 17922041 **Applicant** GREEN CROSS WELLBEING CORPORATION **Inventor** Minjung JANG

A novel *Lactococcus lactis* GCWB1176 strain deposited under Accession No. KCCM12687P and uses thereof are disclosed. The *Lactococcus lactis* GCWB1176 strain has an excellent immune function enhancing effect. In addition, a food composition, a health functional food composition and probiotics having an excellent immune function enhancing effect, containing the novel strain are disclosed.

Solutions

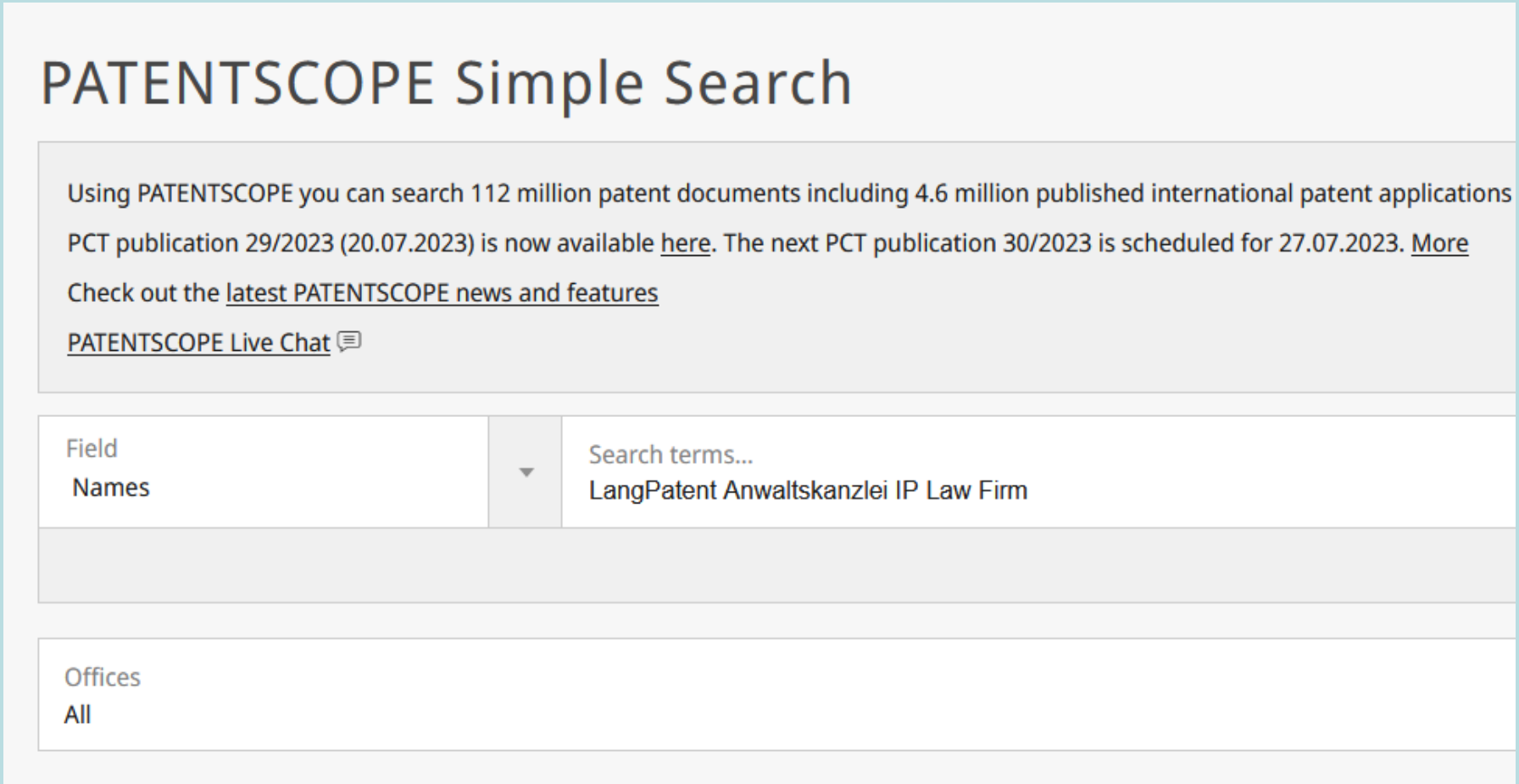
10. Documents belonging to the inventor Eymelli Akin





Solution

11. Documents belonging to the agent LangPatent Anwaltskanzlei IP Law Firm in the national collection of Austria



ALLNAMES:(LangPatent Anwaltskanzlei IP Law Firm)

3277 results Offices all Languages en Stemming true Single Family Member false Include NPL false

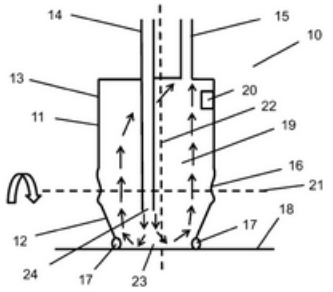
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 33 Download Machine translation

1. **102023108780** VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG DER SAUBERKEIT VON BAUTEILOBERFLÄCHEN MIT FLEXIBLER MESSSONDE

DE - 20.07.2023

Int.Class G01N 15/06 **Appl.No** 102023108780 **Applicant** Carl Zeiss SMT GmbH **Inventor** Nalbach Martin

Die vorliegende Erfindung betrifft eine Vorrichtung und ein Verfahren zur Bestimmung der Sauberkeit von Bauteiloberflächen mit einer Messsonde [10] zum Aufsetzen auf die zu untersuchende Bauteiloberfläche [18] mit einem Sondengehäuse [11], welches eine Messöffnung aufweist, die von einer Dichtung [17] umgeben ist, sodass die Messsonde [10] mit der Öffnung unter Abdichtung gegenüber der Umgebung auf die zu untersuchende Oberfläche [18] aufsetzbar ist, sodass innerhalb des Sondengehäuses [11] ein mit der zu untersuchenden Bauteiloberfläche abgeschlossener Messraum [19 definiert ist, wobei die Vorrichtung weiterhin mindestens einen Partikelsensor [20] umfasst, mit dem Partikel in oder aus dem Messraum [19] erfasst werden können, wobei das Sondengehäuse mindestens zweiteilig mit einem ersten Gehäuseteil [12] und einem zweiten Gehäuseteil [13] ausgebildet ist, wobei das erste Gehäuseteil [12] gegenüber dem zweiten Gehäuseteil [13] um mindestens eine Kippachse [21] verkippbar ist. embedded image

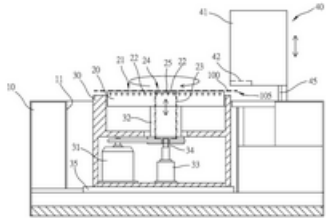


2. **102023100811** VORAUSRICHTER

DE - 20.07.2023

Int.Class H01L 21/68 **Appl.No** 102023100811 **Applicant** STEK CO., LTD. **Inventor** Chen Ming-Sheng

Ein Vorausrichter umfasst eine Basis, eine Dreheinheit, eine Plattform und eine Erfassungseinheit. Die Dreheinheit umfasst einen Motor und eine Achse. Der Motor ist in die Basis eingesetzt. Die Achse wird durch den Motor in Drehung versetzt. Die Plattform ist koaxial mit der Achse verbunden und enthält Elektroden zur Erzeugung eines elektrostatischen Feldes, um das Substrat anzuziehen. Die Erfassungseinheit umfasst ein Gehäuse und einen Sensor. Das Gehäuse befindet sich auf der Basis. Der Sensor ist in dem Gehäuse beweglich, um den Ausrichtungsabschnitt des Substrats zu erfassen. embedded image



3. **212020000835** VERBINDUNGSVORRICHTUNG AM WEBSCHAFT DER GREIFERWEBMASCHINEN

DE - 20.07.2023

ALLNAMES:(LangPatent Anwaltskanzlei IP Law Firm)

3,277 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Analysis

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
Germany	3,247	Germany	3,247	KABO TOOL COMPANY	92	B25B	382	b25b 23/0035	71	2006	2	U1	1,903
Austria	17	Austria	17	CHOU WEN SAN	87	F04B	94	b25b 13/463	64	2007	3	A1	623
PCT	13	PCT	13	WEN YUAN HUNG	46	H01L	76	b25b 13/06	57	2008	7	B4	546
		European Patent Office	7	CHOU CHENG HSIEN	39	F21V	73	f04b 35/04	48	2009	2	T5	99
		United States of America	2	E LEAD ELECTRONIC CO LTD	39	G06F	68	f21y 2115/10	48	2010	17	B3	64
		China	1	APEX MFG CO LTD	31	A01G	63	b25b 23/1427	41	2011	12	A	13
		Eurasian Patent Organization	1	SHENZHEN CHINA STAR OPTOELECTRONICS TECH CO LTD	28	A63B	63	f04b 39/121	38	2012	22	B8	8
		Japan	1	HIWIN MIKROSYSTEM CO	25	G02B	59	b25b 23/0028	31	2013	73	T1	5
				HIWIN TECH CO	25	F16B	58	f04b 39/123	31	2014	207	U2	5
				UNITY OPTO TECH CO LTD	25	B25H	54	f04b 39/12	30	2015	383	U3	5
				KTL INTERNATIONAL CO LTD	24	B62M	54	b25b 13/04	27	2016	400	U8	3
						B62J	51	f04b 39/14	24	2017	362	A5	1
						A47C	50	f04b 41/02	24	2018	394	A8	1

ALLNAMES:(LangPatent Anwaltskanzlei IP Law Firm)

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

Analysis

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
Austria	17	Austria	17	SHENZHEN KEJIN INDUSTRIAL DESIGN CO LTD	10	A61L	4	a01g 9/24	3	2016	5	U1	7
				SHENZHEN GONGJIN MECHANICAL SCIENCE AND TECH CO LTD	5	A01G	3	a01k 81/06	1	2017	10	U2	5
				CHENG HSIN CHUANG	1	F24F	3	a61l 9/20	1	2018	0	U3	5
				KUANG TAI METAL INDUSTRIAL CO LTD	1	A01K	1	a61l 9/205	1	2019	1		
				POE LANG ENTERPRISE CO LTD	1	B01D	1	f24f 1/02	1	2020	0		
						F41B	1	f24f 11/02	1	2021	0		
								f24f 13/28	1	2022	1		
								f24f 7/00	1				
								f41b 5/126	1				

COUNTRY=AT

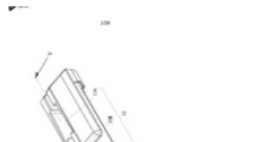
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 1 Download Machine translation

1. **17578** PFEILZUFÜHRVORRICHTUNG FÜR EINE ARMBRUST

AT - 15.07.2022

Int.Class F41B 5/12 **Appl.No** GM50143/2021 **Applicant** POE LANG ENTERPRISE CO., LTD. **Inventor** Liu Chi-Chang

Eine Pfeilzuführvorrichtung für eine Armbrust, umfassend: ein Magazin [1], das an einer Flugrille [101] oben auf der Armbrust [10] montiert ist, wobei ein Lagerraum [11] durch das Magazin [1] definiert ist, um mehrere Pfeile [20] im Lagerraum [11] zu laden; und eine Halterung [2], die sich im Lagerraum [11] befindet und federnd und normalerweise die Pfeile [20] im den Lagerraum [11] drückt, so dass der Benutzer die Pfeile [20] einen nach dem anderen schießt, wobei die Halterung [2] ein elastisches und langgestrecktes Teil ist, eine langgestreckte Platte, die mit einer Feder [42] zusammenwirkt, oder ein Block [109], der mit mehreren Federn [42] zusammenwirkt, wobei die Halterung [2] nach oben gezogen oder geschwenkt werden kann, um die Pfeile [20] in dem Lagerraum [11] einzuführen



PATENTSCOPE Simple Search

Using PATENTSCOPE you can search 112 million patent documents including 4.6 million published international patent applications (PCT). Detailed coverage information

PCT publication 29/2023 (20.07.2023) is now available here. The next PCT publication 30/2023 is scheduled for 27.07.2023. More

Check out the latest PATENTSCOPE news and features

PATENTSCOPE Live Chat

Field
Names

Search terms...
LangPatent Anwaltskanzlei IP Law Firm

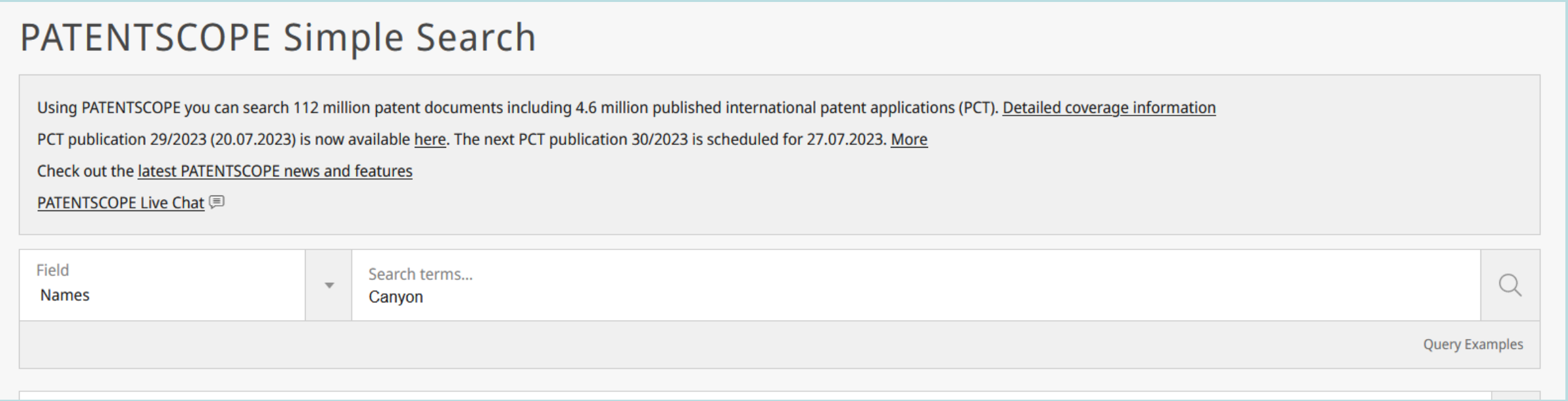
Query Examples

Offices
Austria

- [ ] All
- [ ] PCT
- [ ] Africa
  - [ ] African Regional Intellectual Property Organization (ARIPO)
  - [ ] Kenya
  - [ ] South Africa
- [ ] ARABPAT
  - [ ] Egypt
  - [ ] Jordan
  - [ ] Morocco
  - [ ] Saudi Arabia
  - [ ] Tunisia

Solution

12. Documents belonging to the company Canyon with a publication date in 2021



ALLNAMES:(Canyon)

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

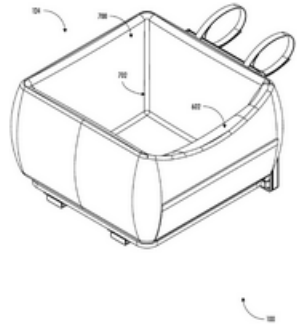
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 12 Download Machine translation

1. **20230217892** SIDECAR PET SEAT

US - 13.07.2023

Int.Class A01K 1/02 **Appl.No** 17647460 **Applicant** Grand Canyon Homes, LLC **Inventor** Mary A Stringer

A pet seat system, apparatus, and method for attaching to a chair. A pet sidecar apparatus is disclosed that includes a basket, a platform configured to support the basket, and one or more straps configured to attach the pet sidecar apparatus to the side of a chair. The pet sidecar apparatus provides a comfortable area for a pet to sit while at the level of the human user. The pet sidecar apparatus moves with a rollable desk chair and does not impede the motion of the desk chair while the human user is able to sit in the desk chair. The pet sidecar apparatus has an easily cleanable universal design that can fit a variety of desk chairs and is safe for both the pet and the human user.



2. **4202234** FIXING ELEMENT FOR CABLES ON A BICYCLE COMPONENT

EP - 28.06.2023

Int.Class F16B 2/08 **Appl.No** 22214168 **Applicant** CANYON BICYCLES GMBH **Inventor** CONRADT MARIO

Ein Fixierelement für Leitungen wie eine Bremsleitung an einem Fahrradbauteil, insbesondere einem Gabelschaft weist einen Grundkörper [10] auf. Der Grundkörper [10] umgibt das Fahrradbauteil zumindest teilweist. Mit dem Grundkörper [10] ist ein Aufnahmeelement, insbesondere einstückig ausgebildet. Das Aufnahmeelement [14] dient zur Aufnahme zumindest einer Leitung, insbesondere der Bremsleitung. Zum Halten des Fixierelements, insbesondere an einem Gabelschaft sind vorzugsweise als Kabelbinder ausgebildete Halteelemente [20] vorgesehen.

Figur

3. **20230192212** FIXING ELEMENT FOR LINES ON A BICYCLE COMPONENT

US - 22.06.2023

Chat Feedback Goto Search Browse Tools Settings

ALLNAMES:(canyon)

1,142 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Analysis

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
United States of America	246	United States of America	278	CANYON BICYCLES GMBH	328	B05B	275	b05b 11/1011	85	1974	1	A	345
China	228	China	243	CANYON CO	235	B65D	229	b05b	53	1975	4	A1	182
Germany	153	Germany	162	NANJING CANYON MEDICAL SCIENCE AND TECH CO LTD	70	B62K	216	b62k 21/12	41	1976	2	B2	154
European Patent Office	138	European Patent Office	149			B62J	89	b05b 11/1077	37	1977	1	U	140
Japan	123	Japan	126	CANYON CO LTD	35	A61B	87	b05b 11/1059	33	1978	2	U1	111
PCT	103	PCT	103	CANYON CIRCUIT TECH (HUIZHOU) CO LTD	33	F04B	39	b05b 11/1074	32	1979	4	B1	78
Spain	33	Spain	33			G06F	37	b05b 11/0032	30	1980	1	B	25
Australia	32	Australia	32	CANYON IP HOLDINGS LLC	26	B62M	35	b65d 85/68	30	1981	8	T3	20
Canada	17	Canada	25	TADA TETSUYA	20	G10L	26	b65d 2585/6862	29	1982	4	A4	14
Austria	13	Austria	13	CANYON EUROPE LTD	13	H05K	25	b05b 11/1057	28	1983	6	A3	13
Indonesia	10	United Kingdom	10	CANYON PHARMACEUTICALS INC	13	H02J	22	b05b 15/63	27	1984	9	T	9
United Kingdom	9	Indonesia	10			G06Q	20	b05b 11/1045	25	1985	6	B4	7

ALLNAMES:(Canyon)

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

PUBLICATION_DATE=2021

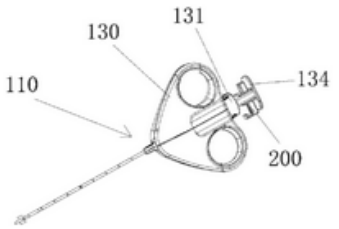
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 2 Download Machine translation

1. **215306158** SAFE LOCKING DEVICE OF SEMI-AUTOMATIC BIOPSY NEEDLE

CN - 28.12.2021

Int.Class A61B 10/02 Appl.No 202121389536.9 Applicant NANJING CANYON MEDICAL SCIENCE & TECHNOLOGY CO., LTD. Inventor FAN DEJIN

The utility model relates to a safety locking device of a semi-automatic biopsy needle, a control structure of the biopsy needle comprises a shell, an outer needle seat located in the shell and a handle used for chambering or percussion of the biopsy needle, the handle comprises a handheld section, a transition section and a connecting section which are sequentially connected together, the connecting section of the handle is inserted into the shell and then is connected with the outer needle seat; a through hole is formed in the transition section of the handle, and an included angle with a preset angle is formed between the axis of the through hole and the length direction of the handle; a locking piece capable of sliding in a reciprocating mode in the axis direction of the through hole is arranged in the through hole, one end of the locking piece is bent in the direction of the connecting section of the handle to form a stroke limiting part, and the stroke limiting part extends out of the transition section and then extends towards the connecting section by a preset length. And two elastic buckles matched with the through holes are arranged on the locking piece. The safe locking device solves the problems that in the prior art, a safe locking device is inconvenient to install and prone to falling off, and operation troubles are caused.

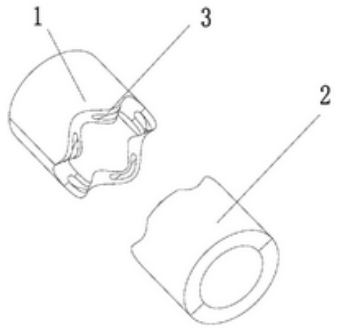


2. **215306299** VASCULAR ANASTOMOSIS DEVICE

CN - 28.12.2021

Int.Class A61B 17/11 Appl.No 202121066248.X Applicant NANJING CANYON MEDICAL SCIENCE & TECHNOLOGY CO., LTD. Inventor RAO JIANHUA

The utility model relates to a vascular anastomosis device which comprises a first anastomosis ring formed by folding a first left half ring and a first right half ring, and a second anastomosis ring formed by folding a second left half ring and a second right half ring, the opposite end faces of the first anastomosis ring and the second anastomosis ring are each provided with a plurality of protrusions at intervals in the circumferential direction, and the protrusions on the first anastomosis ring and the protrusions on the second anastomosis ring are arranged in a staggered mode. The first anastomosis ring and the second anastomosis ring have an anastomosis state that the first anastomosis ring and the second anastomosis ring are embedded together end to end and a separation state that the first anastomosis ring and the second When the first anastomosis ring and the second anastomosis ring are in an anastomosis state, an annular hole penetrating through the protrusion is formed in the anastomosis position of the first anastomosis ring and the second anastomosis ring, and a needle inlet and a needle outlet are reserved in the annular hole. The device can prevent the blood vessel from twisting and blood leakage, the anastomosis quality is high, the tightness degree of the stay wire is proper, and the defect that the stay wire is too loose or too tight is avoided.



Exercises

13. Documents with 2023 as **publication date**

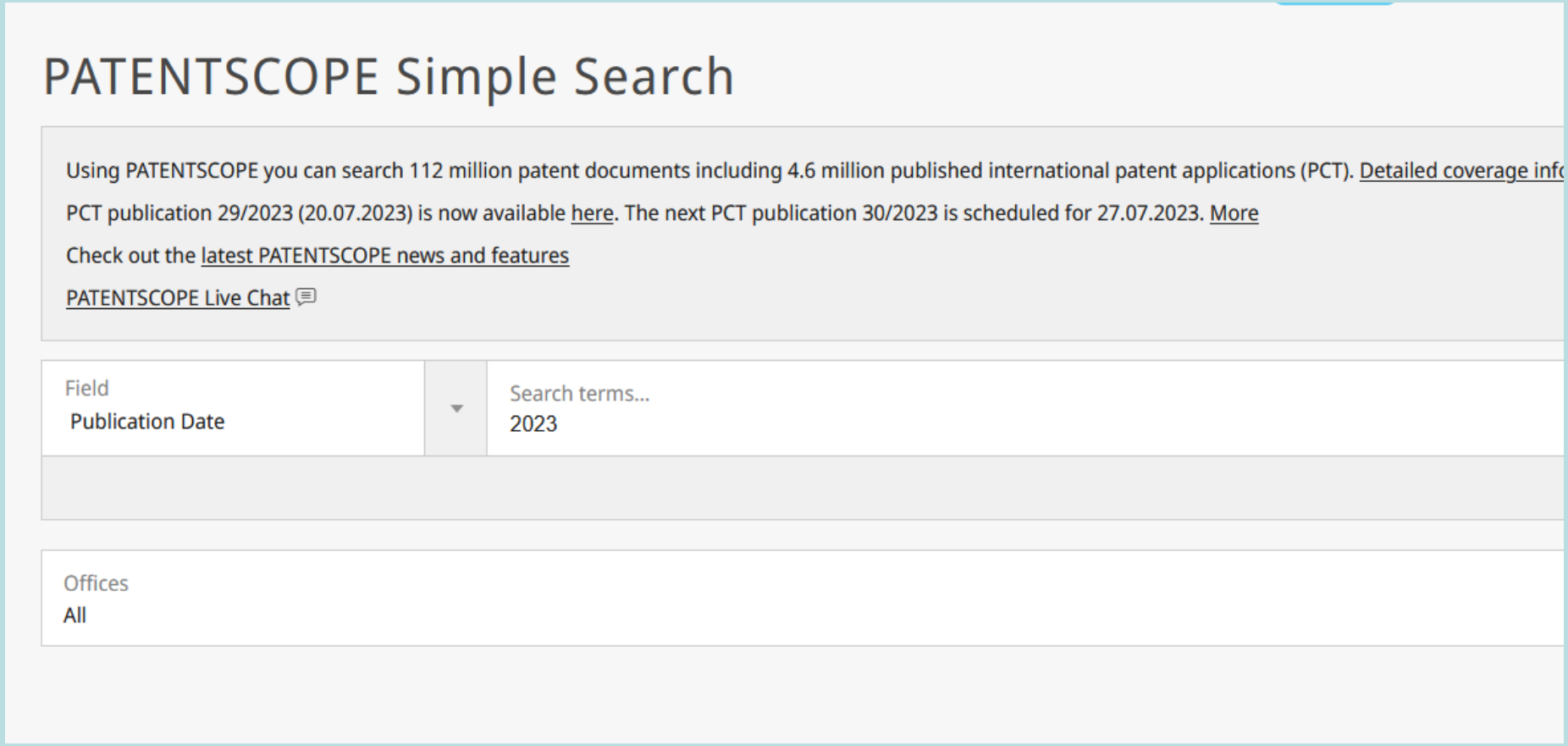
14. Documents with 2023.07.20 as **publication date**

15. Documents with 2021 as **priority date**

16. Documents with 2018 as **application date**

Solution

13. Documents with 2023 as publication date



DP:(2023)

2,850,388 results Offices all Languages en Stemming true Single Family Member false Include NPL false

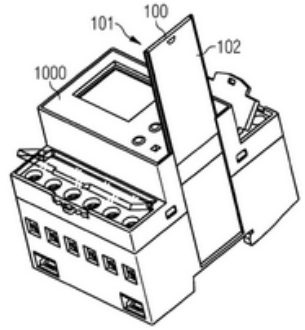
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 28,504 Download Machine translation

1. **102022200533** VERFAHREN ZUR HERSTELLUNG EINES TYPENSCHILDS ZUR KENNZEICHNUNG EINES ELEKTRISCHEN GERÄTS

DE - 20.07.2023

Int.Class G09F 7/22 **Appl.No** 102022200533 **Applicant** Siemens Aktiengesellschaft **Inventor** Jürgens Dirk

Die Erfindung betrifft ein Typenschild zur Kennzeichnung eines elektrischen Geräts mit Daten, wobei das Typenschild eine erste Seite und eine zweiten Seite umfasst und Daten auf der ersten Seite und/oder der zweiten Seite als Beschriftung angebracht sind, und wobei das Typenschild beweglich am elektrischen Gerät angebracht ist zwischen einer ersten Position, in der das Typenschild am elektrischen Gerät eingezogen ist und zumindest ein Teil der Daten nicht ablesbar ist, und einer zweiten Position, in der das Typenschild ausgezogen ist und die Daten ablesbar sind. embedded image

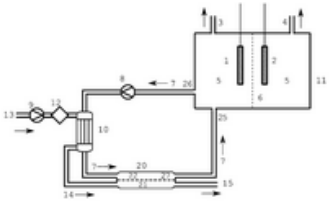


2. **102022200590** INTEGRIERTE WASSERAUFBEREITUNG FÜR DIE WASSERELEKTROLYSE MITTELS OSMOTISCHER MEMBRANDESTILLATION

DE - 20.07.2023

Int.Class C25B 15/08 **Appl.No** 102022200590 **Applicant** Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung eingetragener Verein **Inventor** Schiestel Thomas

Die vorliegende Erfindung betrifft Verfahren zur Elektrolyse von Wasser zur Gewinnung von Wasserstoff mittels osmotischer Membrandestillationsanlagen sowie osmotische Membrandestillationsanlagen, die für solche Verfahren ausgelegt und geeignet sind. embedded image

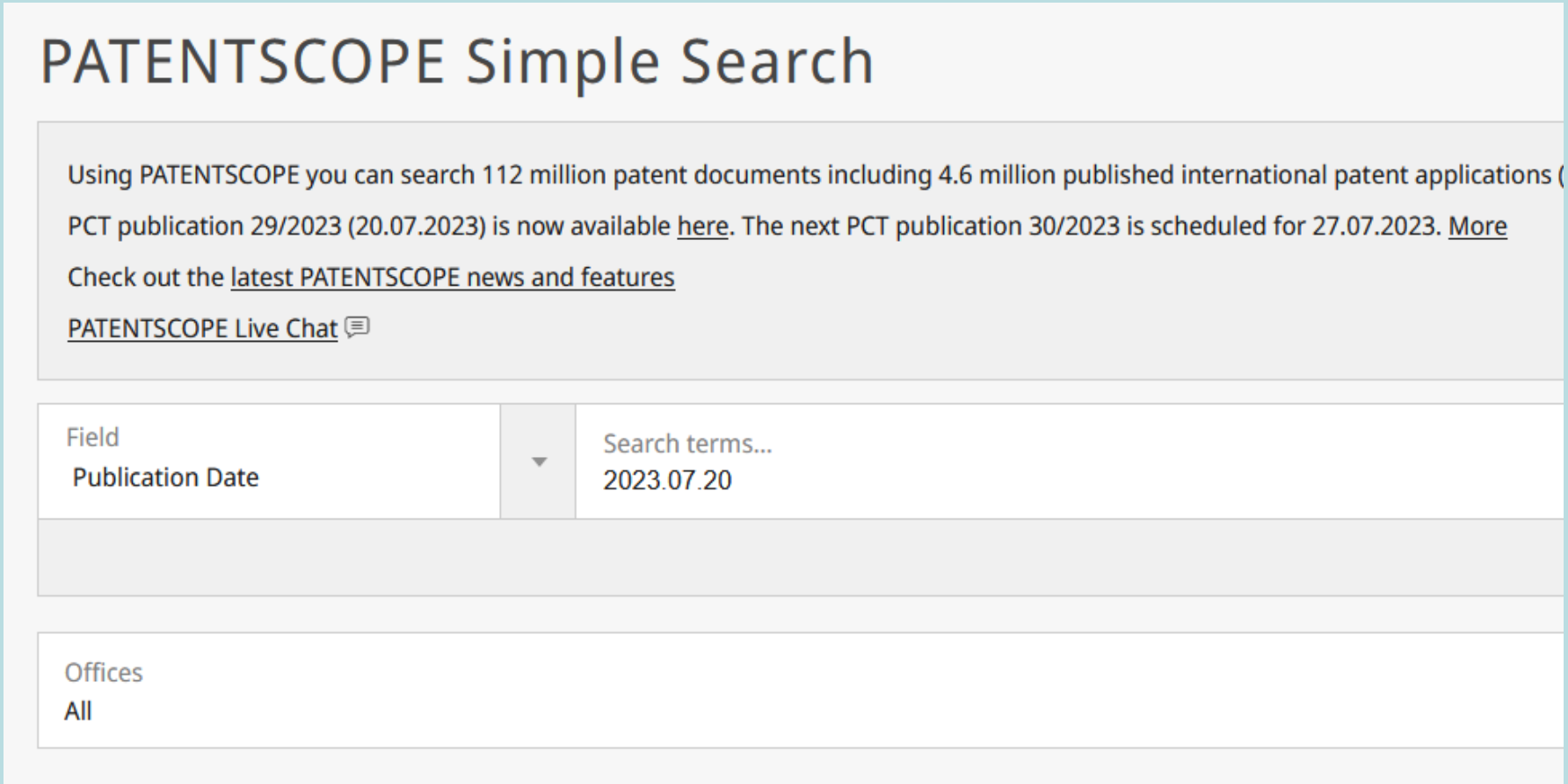


3. **102022200595** VERFAHREN UND SYSTEM ZUM JUSTIEREN EINER SCHEINWERFERVORRICHTUNG EINES FAHRZEUGS

DE - 20.07.2023

Solution

14. Documents with 2023.07.20 as publication date



DP:(2023.07.20)

12,335 results Offices all Languages en Stemming true Single Family Member false Include NPL false

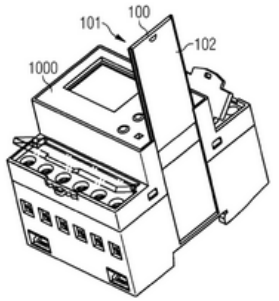
Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 124 Download Machine translation

1. **102022200533** VERFAHREN ZUR HERSTELLUNG EINES TYPENSCHILDS ZUR KENNZEICHNUNG EINES ELEKTRISCHEN GERÄTS

DE - 20.07.2023

Int.Class G09F 7/22 **Appl.No** 102022200533 **Applicant** Siemens Aktiengesellschaft **Inventor** Jürgens Dirk

Die Erfindung betrifft ein Typenschild zur Kennzeichnung eines elektrischen Geräts mit Daten, wobei das Typenschild eine erste Seite und eine zweiten Seite umfasst und Daten auf der ersten Seite und/oder der zweiten Seite als Beschriftung angebracht sind, und wobei das Typenschild beweglich am elektrischen Gerät angebracht ist zwischen einer ersten Position, in der das Typenschild am elektrischen Gerät eingezogen ist und zumindest ein Teil der Daten nicht ablesbar ist, und einer zweiten Position, in der das Typenschild ausgezogen ist und die Daten ablesbar sind. embedded image

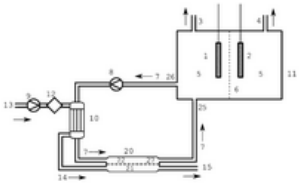


2. **102022200590** INTEGRIERTE WASSERAUFBEREITUNG FÜR DIE WASSERELEKTROLYSE MITTELS OSMOTISCHER MEMBRANDESTILLATION

DE - 20.07.2023

Int.Class C25B 15/08 **Appl.No** 102022200590 **Applicant** Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung eingetragener Verein **Inventor** Schiestel Thomas

Die vorliegende Erfindung betrifft Verfahren zur Elektrolyse von Wasser zur Gewinnung von Wasserstoff mittels osmotischer Membrandestillationsanlagen sowie osmotische Membrandestillationsanlagen, die für solche Verfahren ausgelegt und geeignet sind. embedded image

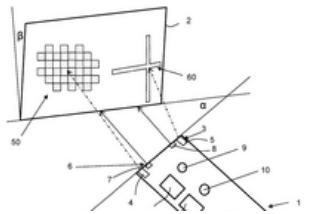


3. **102022200595** VERFAHREN UND SYSTEM ZUM JUSTIEREN EINER SCHEINWERFERVORRICHTUNG EINES FAHRZEUGS

DE - 20.07.2023

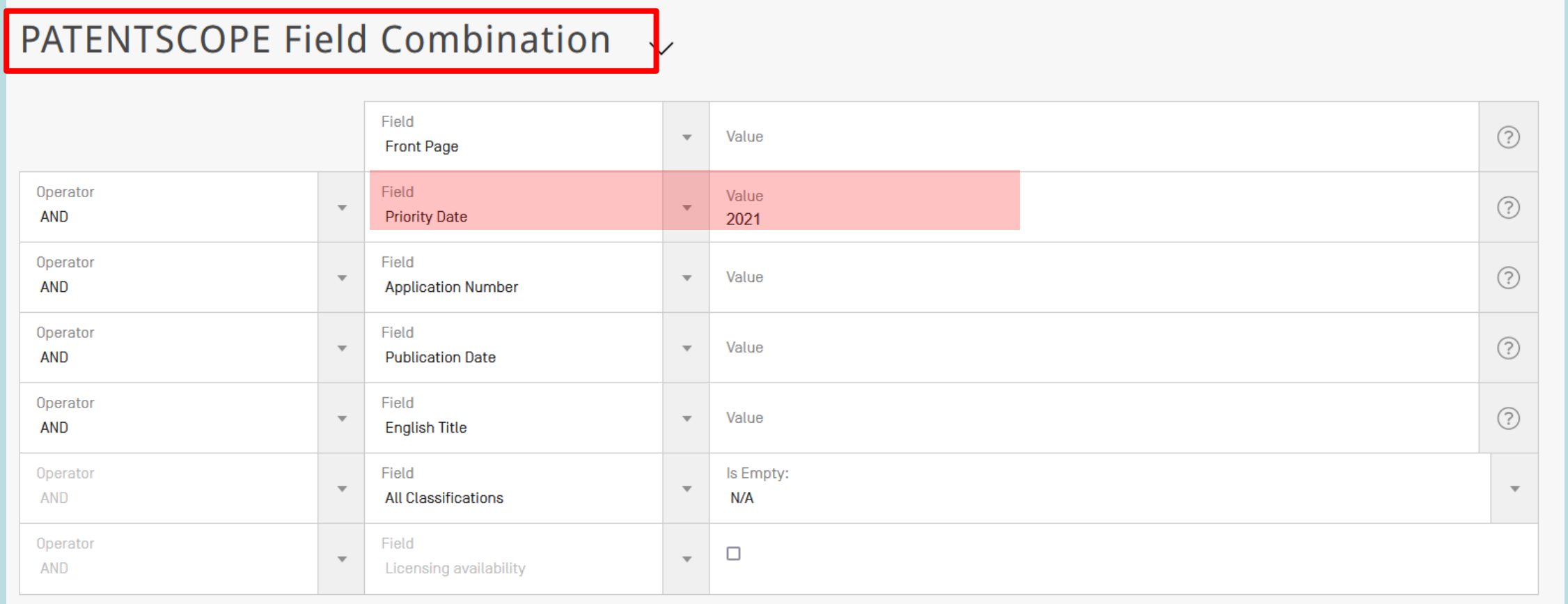
Int.Class B60Q 1/08 **Appl.No** 102022200595 **Applicant** PSA AUTOMOBILES SA **Inventor** Holderried Stefan

Ein Verfahren (300) zum Justieren einer Scheinwerfervorrichtung (3) eines Fahrzeugs (1) wird angegeben. Das Verfahren (300) umfasst Positionieren (350) des Fahrzeugs (1) vor einer Projektionsfläche (2), so dass die Projektionsfläche (2) mit der Scheinwerfervorrichtung (3) zum Justieren der Scheinwerfervorrichtung (3) angestrahlt werden kann, und Projizieren (400) eines Kalibriermusters (50) auf die Projektionsfläche (2) mittels einer Projektionsvorrichtung der Scheinwerfervorrichtung (3). Das Verfahren umfasst ferner Erfassen (400) der Projektionsfläche (2) mittels einer Fahrzeug-Sensorik und Erzeugen von Sensordaten, wobei das Kalibriermuster (50) mittels eines Kamerasystems (9) der Fahrzeug-Sensorik erfasst wird. Das Verfahren umfasst auch Auswerten (450) der Sensordaten zum Ermitteln einer Beschaffenheit und/oder einer Positionierung der Projektionsfläche (2) bezüglich des Fahrzeugs (1) anhand einer Verzerrung des erfassten Kalibriermusters (50), und Justieren (500) der Scheinwerfervorrichtung (3) anhand der Auswertung der Sensordaten, so dass die Scheinwerfervorrichtung (3) unter Berücksichtigung der Beschaffenheit und/oder der Positionierung der Projektionsfläche (3) bezüglich des Fahrzeugs (1) justiert werden kann. Ferner wird ein System zum Ausführen des Verfahrens (300) angegeben. embedded image



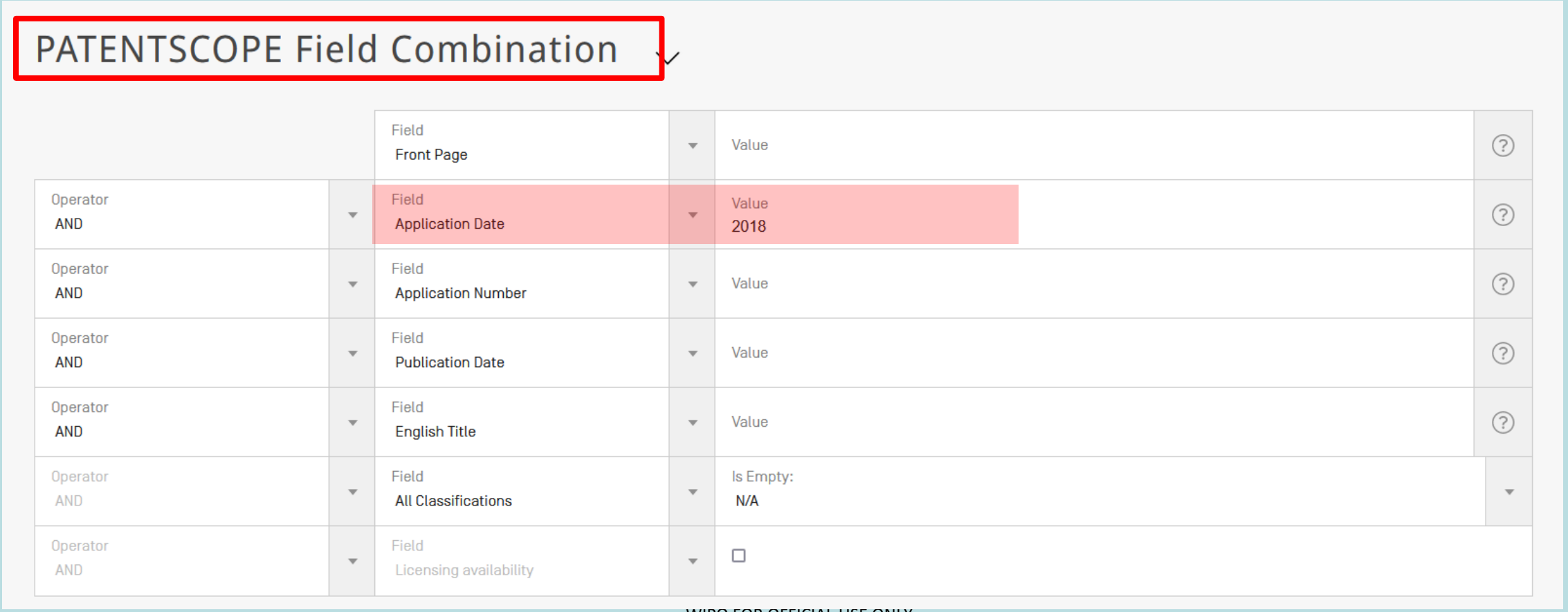
Solution

15. Documents with 2021 as **priority date**



Solution

16. Documents with 2018 as **application date**



Exercises

Documents having the keyword/s:

17. microchip in the **full-text**

18. electric NEAR bicycle in the **title**

19. (wine OR grape) AND support in **the abstract**

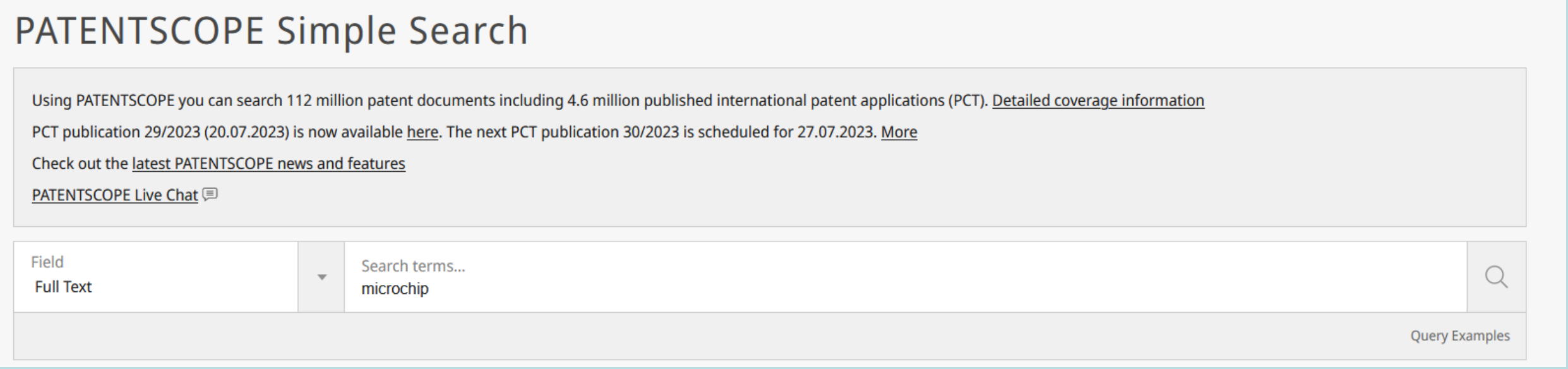
20. water AND purification in **description** and **claims**

21. water AND purification in **abstract** and **title**

Solution

Documents having the keyword/s:

17. microchip in the **full-text**



PATENTSCOPE Simple Search

Using PATENTSCOPE you can search 112 million patent documents including 4.6 million published international patent applications (PCT). Detailed coverage information

PCT publication 29/2023 (20.07.2023) is now available here. The next PCT publication 30/2023 is scheduled for 27.07.2023. More

Check out the latest PATENTSCOPE news and features

PATENTSCOPE Live Chat : every Monday from 1:00 PM to 5:00 PM CET

Field
Front Page

Search terms...
microchip

Query Examples

FP: microchip)

Title
Abstract
Numbers
Names

12,459 results Offices all g true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 1,246 Machine translation

1. **2013210308** MICROCHIP LOADING DEVICE, MICROCHIP TYPE FLOW CYTOMETER AND MICROCHIP LOADING METHOD JP - 10.10.2013

Int.Class G01N 15/14 **Appl.No** 2012081200 **Applicant** SONY CORP **Inventor** HASHIMOTO GAKUJI

PROBLEM TO BE SOLVED: To provide a microchip loading device on which a microchip can be loaded by a simple operation, and which can automatically adjusting an optical position.

SOLUTION: There is provided a microchip loading device having: a pressing part which contacts a first surface of a microchip to press the microchip; and a contact surface to a second surface of the microchip, in which a conduction path of fluid is opened on a contact surface to the first surface of the microchip of the pressing part corresponding to a position of a gateway of the fluid formed on the first surface. The microchip loading device sandwiches the microchip at a state that the conduction path is connected to the gateway between the oppositely arranged pressing part and the contact surface to the second surface of the microchip.

2. **1020060031073** MICROCHIP UNIT AND METHOD FOR CONDUCTING BIOCHEMICAL REACTION BY USING THE SAME UNIT, PARTICULARLY FOR EASILY RECEIVING AND SEALING REACTION MIXTURE SOLUTION SIMULTANEOUSLY KR - 12.04.2006

Int.Class C12Q 1/68 **Appl.No** 1020040079957 **Applicant** SAMSUNG ELECTRONICS CO., LTD. **Inventor** OH, KWANG WOOK

PURPOSE: A microchip unit and a method for conducting a biochemical reaction by using the same microchip unit are provided to easily introduce a reaction mixture solution into the microchip without confusion, and seal the reaction mixture solution simultaneously, thus rapidly and easily conducting the biochemical reaction.

CONSTITUTION: The microchip unit comprises: a microchip[200] containing a plurality of microchannels[220]; a housing[300] located under the microchip[200] to fix the microchip[200]; and at least two introduction and sealing members[100] containing penetrating holes[110] corresponding to each inlet of the microchip[200], wherein the introduction and sealing members[100] is vertically fixed to the housing[300] and slidly movable between the first and second positions horizontally; and in the first position, the penetrating hole[110] is communicated with each inlet of the microchip[200] to introduce the reaction mixture solution into the microchip[200], and in the second position, each inlet of the microchip[200] is sealed by the elastic member forming the lower surface of the introduction and sealing members[100].

3. **WO/2008/096563** MICROCHIP INSPECTION SYSTEM, MICROCHIP INSPECTION APPARATUS AND PROGRAM WO - 14.08.2008

Int.Class G01N 35/08 **Appl.No** PCT/JP2008/050118 **Applicant** Konica Minolta Medical & Graphic, Inc. **Inventor** SAWAZUMI, Tsuneo

It is intended to provide a microchip inspection system whereby bubbles that are occasionally formed within a liquid in a detection section by, for example, heating the detection section can be removed and thus detection can be conducted at a high accuracy. This object is achieved by using a microchip inspection system comprising: a microchip which contains at least a target substance and a reagent binding specifically to the target substance and in which the target substance is reacted with

1. **WO/2023/137315** PARALLELED TRANSISTOR CELLS OF POWER SEMICONDUCTOR DEVICES — WO - 20.07.2023

Int.Class H03K 17/12 **Appl.No** PCT/US2023/060461 **Applicant** MICROCHIP TECHNOLOGY INCORPORATED **Inventor** SCHUGART, Perry

An apparatus is disclosed that includes a common drain, a common source, and a common gate, respectively, of the power semiconductor device, and paralleled transistor cells of the power semiconductor device. In various examples, a configuration of a gate structure of a first respective transistor cell coupled with the common gate is different than a configuration of a gate structure of a second respective transistor cell coupled with the common gate. Alternatively or additionally, in various examples, a configuration of a structure coupled between a first portion of the paralleled transistor cells and the common gate is different than a configuration of a structure coupled between the second portion of the paralleled transistor cells and the common gate.

2. **112021005059** VERFAHREN UND EINRICHTUNG ZUM DURCHFÜHREN EINES VORGANGS IN EINEM NEURONALEN NETZ — DE - 13.07.2023

Int.Class G06N 3/063 **Appl.No** 112021005059 **Applicant** Microchip Technology Inc. **Inventor** Zuolo Lorenzo

Ein Verfahren zum Durchführen eines Vorgangs in einem neuronalen Netz schließt das Empfangen von Gewichtungs- und Vorspannungswerten eines tiefen neuronalen Netzes (DNN) ein. Ein Array von Feature-Werten, ein Vorspannungswert und ein Satz von Gewichtungswerten für eine einzelne Schicht des DNN sind an eine Engine eines neuronalen Netzes gekoppelt. Multiplikations- und Akkumulationsvorgänge werden an der einzelnen Schicht an einer oder mehreren Multiplikations- und Akkumulationsschaltungen (MAC) durchgeführt, um eine Summe zu erhalten, die jedem Neuron in der einzelnen Schicht entspricht. Ein Schichtausgangswert, der jedem Neuron in der einzelnen Schicht entspricht, ist an einen entsprechenden Eingang der MAC gekoppelt. Die Kopplung eines Vorspannungswerts und eines Satzes von Gewichtungswerten, das Durchführen von Multiplikations- und Akkumulationsvorgängen und das Koppeln eines Schichtausgangswerts werden wiederholt, um eine Ausgangsschichtsumme zu erzeugen, die jedem Ausgangsschichtneuron entspricht, und eine Aktivierungsfunktion wird an jeder Ausgangsschichtsumme durchgeführt, um DNN-Ausgangswerte zu erzeugen. embedded image

3. **20230223933** PARALLELED TRANSISTOR CELLS OF POWER SEMICONDUCTOR DEVICES — US - 13.07.2023

Int.Class H03K 3/012 **Appl.No** 18153002 **Applicant** Microchip Technology Incorporated **Inventor** Perry Schugart

An apparatus is disclosed that includes a common drain, a common source, and a common gate, respectively, of the power semiconductor device, and paralleled transistor cells of the power semiconductor device. In various examples, a configuration of a gate structure of a first respective transistor cell coupled with the common gate is different than a configuration of a gate structure of a second respective transistor cell coupled with the common gate. Alternatively or additionally, in various examples, a configuration of a structure coupled between a first portion of the paralleled transistor cells and the common gate is different than a configuration of a structure coupled between the second portion of the paralleled transistor cells and the common gate.

4. **WO/2023/133141** PERIPHERAL ACCESS CONTROL USING BITMASKS INDICATING ACCESS SETTINGS FOR PERIPHERALS — WO - 13.07.2023

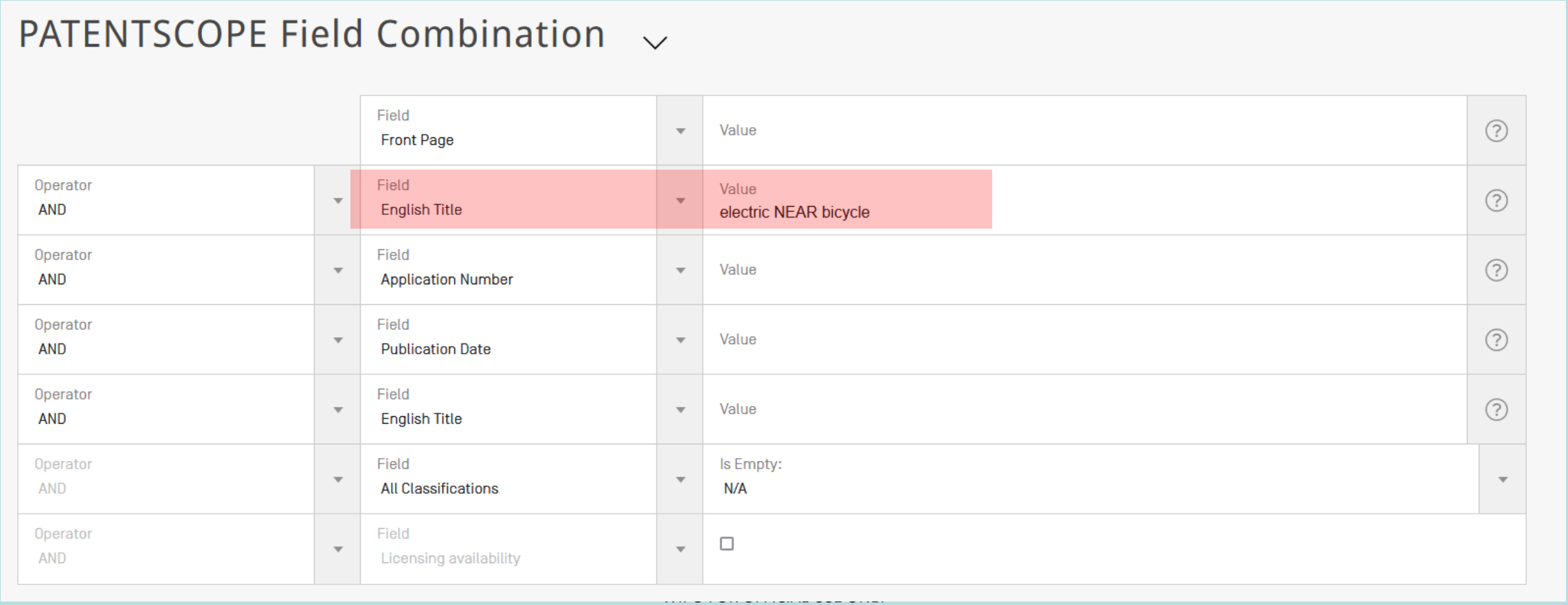
Int.Class G06F 21/85 **Appl.No** PCT/US2023/010116 **Applicant** MICROCHIP TECHNOLOGY INCORPORATED **Inventor** KUMAR, Ravindra

An electronic device includes a transaction host, first and second peripherals, memory, an access control register, and first and second access controllers. The memory stores access control identifier management instructions, a first task related to the first peripheral, and a first bitmask indicating respective access settings for the first and second peripherals for performing the first task. The access control register includes a first access control identifier for the first peripheral and a second access control identifier for the second peripheral. The transaction host executes the access control identifier management instructions to program the first and second access control identifiers based on the first bitmask, and subsequently executes the first task. The first and second access controllers control access to the first and second peripherals, respectively, based on the respective first and second access control identifiers programmed based on the first bitmask.

Solution

Documents having the keyword/s:

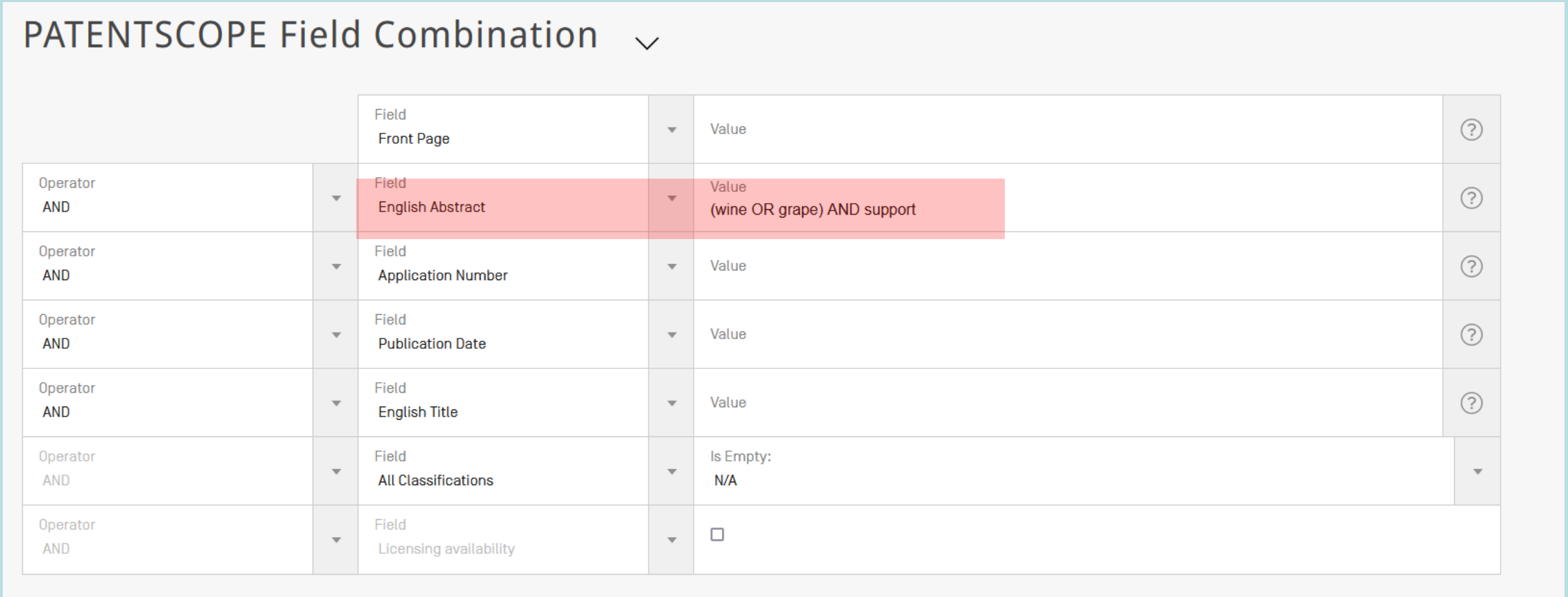
18. electric NEAR bicycle in the **title**



Solution

Documents having the keyword/s:

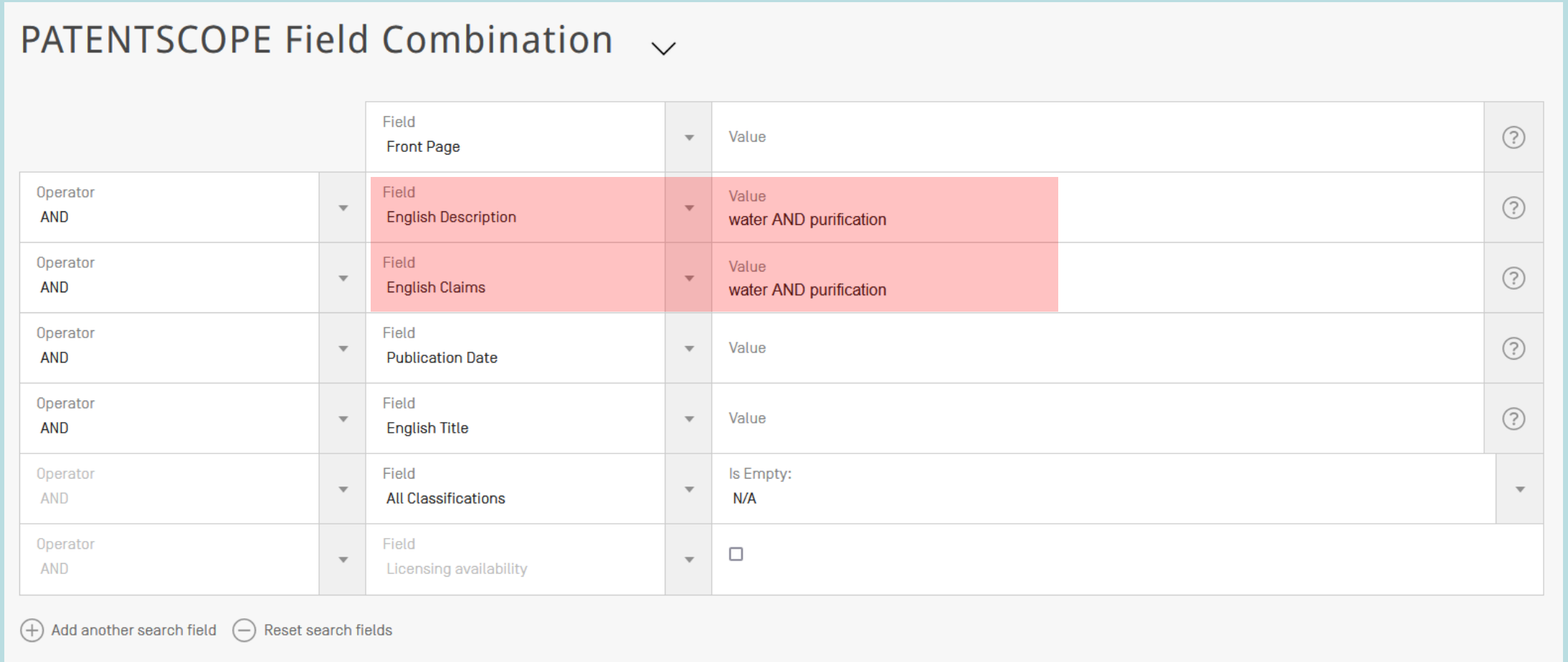
19. (wine OR grape) AND support in **the abstract**



Solution

Documents having the keyword/s:

20. water AND purification in **description** and **claims**



EN_DE:(water AND purification) AND EN_CL:(water AND purification)

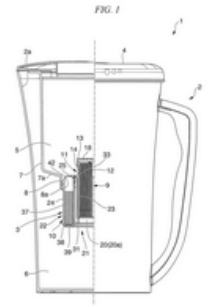
32,645 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 100 View: All+Image 1 / 327 Download Machine translation

1. **2719668** WATER PURIFICATION CARTRIDGE AND PITCHER-TYPE WATER PURIFIER — EP - 16.04.2014

Int.Class C02F 1/44 **Appl.No** 12796302 **Applicant** MITSUBISHI RAYON CO **Inventor** TAKEDA HATSUMI

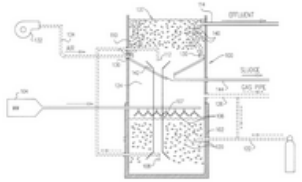
The present invention relates to a water purification cartridge characterized in that it has a membrane side housing for accommodating a membrane water purification unit and a filtering medium side housing for accommodating a filtering medium water purification unit, in which it is configured such that the membrane side housing and the filtering medium side housing are freely removable. The present invention provides a water purification cartridge and a pitcher-type water purifier enabling suppressing a production cost increase even when the membrane water purification unit is arranged closer to the upstream side than the filtering-material water purification unit. In addition, the present invention also provides a conveniently usable water purification cartridge and a pitcher-type water purifier enabling maintenance and management cost to be reduced.



2. **20110089106** DYNAMIC ANAEROBIC AEROBIC [DANA] REACTOR — US - 21.04.2011

Int.Class C02F 3/30 **Appl.No** 12905917 **Applicant** Arbel Tamar **Inventor** Arbel Tamar

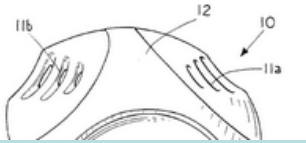
An anaerobic water purification system including an anaerobic water purification unit receiving water to be treated and providing an anaerobic-treated water output and biomass carriers for supporting anaerobic microorganisms in the anaerobic water purification unit.



3. **6500334** STAND ALONE WATER PURIFIER — US - 31.12.2002

Int.Class C02F 1/00 **Appl.No** 09628637 **Applicant** KING JOSEPH A. **Inventor** King, Joseph A.

A water purification device, method and system with the water purification device having a container for holding a water purification material therein with the water purification device including a shroud extending in a direction generally normal to a flow of debris laden water with the shroud inhibiting direct flow of debris into a water inlet in the water purification device by directing water and debris over the shroud and around the water purification device while a portion of the water can be directed laterally into the water purification material within the water purification device to thereby purify the water that flows over the water purification materials with the water purification device including multiple spaced and positioned water inlets so that the likelihood of the water inlet being completely obstructed is remote



1. EP2719668 - WATER PURIFICATION CARTRIDGE AND PITCHER-TYPE WATER PURIFIER

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

PermaLink | Machine translation

Note: Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

[EN]
Description

TECHNICAL FIELD

[0001] The present invention relates to a water purification cartridge for purifying tap water or the like and a pitcher-type water purifier for storing tap water or the like in which the water purification cartridge is used.

[0002] The present application claims priority to Japanese Patent Application No. 2011-130692 and No. 2011-130693, which have been filed in Japan on June 10, 2011, and Japanese Patent Application No. 2011-243618, which has been filed in Japan on November 7, 2011, and the content of which is incorporated herein by reference.

BACKGROUND ART

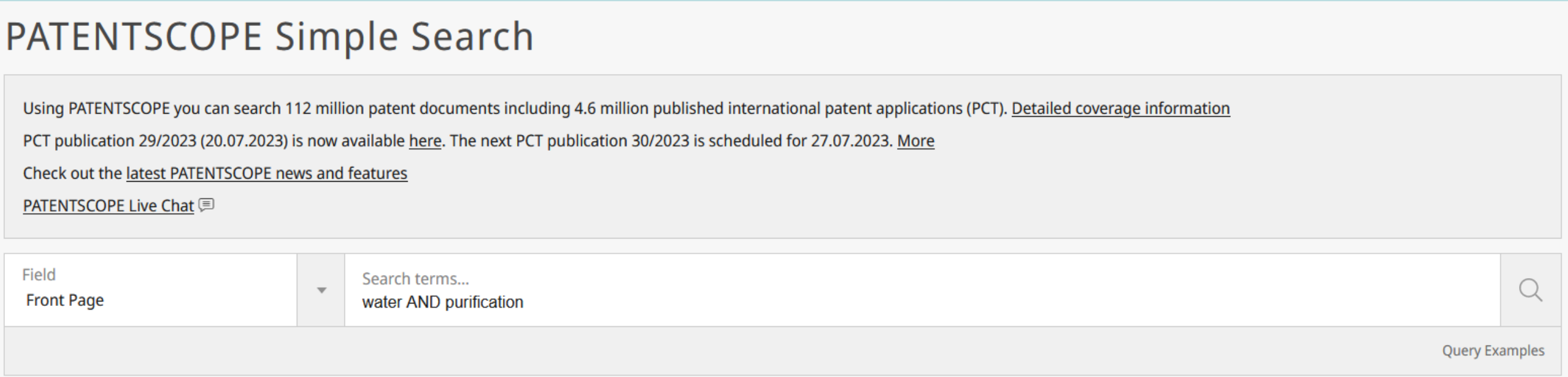
[0003] A pitcher-type water purifier is known for purifying water for treatment such as tap water and storing obtained purified water. For example, there is a pitcher-type water purifier provided with a water purification cartridge between a raw water storage section at upstream side and a purified water storage section at downstream side.

[0004] According to such a pitcher-type water purifier, by gravity-fed, raw water from a raw water storage section passes through a water purification section accommodated in a housing of a water purification cartridge to be purified water, which is discharged into a purified water storage section.

Solution

Documents having the keyword/s:

21. water AND purification in **abstract** and **title**



FP:(water AND purification)

171,468 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 100 View: All+Image 1 / 1,715 Download Machine translation

1. **2000045091** SILVER SELF-REGULATING WATER PURIFICATION COMPOSITIONS AND METHODS

AU - 23.01.2003

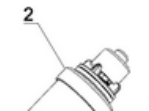
Int.Class C02F 1/50 **Appl.No** 45091/00 **Applicant** Fountainhead Technologies, Inc. **Inventor** Bollinger, Mark A.

The present invention relates to water purification compositions comprising silver and a second material, such as aluminum or zinc metal, to methods of treangr or Purifying water using this Composition llhi claims defining the invention ea arsc follows: 1 A water purification composition comprising silver and aluminum metal. 2. The water purification composition of claim 1, further comprising zinc, copper, or mixtures thereof 3. The water purification composition of claim 1, wherein the silver is metallic silver. 4. The water purification composition of claim 2, wherein the aluminum is alloyed with zinc, copper, or both. 5. The water purification composition of claim 1, further comprising an inorganic oxide having a point of zero charge between about 4 and about 9. 6. The water purification composition of claim 5, wherein the inorganic oxide has a zeta potential less than or equal to about +20 mV in water having a pH of about to about 7. The water purification composition of claim 5, wherein the inorganic oxide comprises alumina. 8 The water purification composition of claim 1, wherein the silver comprises between about 0.1 and about 10 weight percent of the purification composition. 9- The water purification composition of claim 1, wherein the aluminum metal comprises between about 2 and about 95 weight percent of the purification composition. 28. The method of claim 24, wherein the oxidizing agent comprises ozone, chlorine dioxide or free available chlorine. 29. A method of purifying water comprising exposing the water with an effective amount of the composition of claim 13. A water purification system comprising: a water purification composition comprising silver and aluminum metal; and an oxidizing agent or a source of an oxidizing agent 31. The water purification system of claim 30, wherein the silver is metallic silver. 15 32. The water purification system of claim 30, wherein the aluminum metal is alloyed with at least one metal selected from the group consisting of zinc metal and copper metal. 33. The water purification system of claim 30, wherein the oxidizing agent is 20 selected from the group consisting of free available chlorine, ozone, and chlorine dioxide. S34. The water purification system of claim 30, wherein the source of oxidizing agent is selected from the group consisting of dipersulfates, monopersulfates, hypochlorite salts, chlorites, peroxides, perchlorates, hypobromites, percarbonates, chlorine dioxide and 25 permanganates. What is claimed is-: The Claims defining the invention are as follows: S A water purification composition comprising silver metal, and a second metal, wherein said second metal has an Eh less than 0.34 V. 2. The water purification composition of claim i, wherein said second metal comprises zinc, copper, magnesium, aluminum, iron, or manganese. 3. The water purification composition of claim 1, wherein said second metal comprises zinc. 4. The water purification composition of claim 1, further comprising an inorganic oxide having a point of zero charge between 4 and 9. 5. The water purification composition of claim 4, wherein said inorganic oxide has a zeta potential less than or equal to +20 mV in water having a pH of 6. The water purification composition of claim 7. The water purification composition of claim 4, wherein said inorganic oxide has a zeta potential less than or equal to +20 mV in water having a pH of 8. The water purification composition of claim 4, wherein said inorganic oxide has a zeta potential less than or equal to +20 mV in water having a pH of less than or equal to +20 mV -n water having a pH of 10.0. 26. The water purification composition of clai: 19, wherein said inorganic oxide comprises alumina. 27. The water purification composition of claim 19, wherein said silver metal comprises between 0.1 and weight percent of said purification composition. 28. The water purification composition of claim 19, wherein said second metal comprises between 2 and weight percent of said purification composition. 29. The water purification composition of claim 16, wherein said purification composition maintains a silver ion concentration in water between 0.01 and 0.05 ppm when exposed to said water. 30. A method of purifying water by removing metal ions and killing bacteria comprising exposing the water to a silver-containing material, said silver-containing material maintaining a silver ion concentration in said water of between 0.01 and 0.1 ppm, wherein said silvercontaining material comprises silver metal and a second metal, said second metal having an Eh less than 0.34 V. 31. The method of claim 30, wherein said second metal comprises zinc. 32. The method of claim 30, wherein said silver ion concentration in water is between 0.01 and 0.05 ppm. 33. The method of claim 30, wherein said silvercontaining material further comprises an inorganic oxide having a zeta potential less than or equal to mV in said water being purified.

2. **206970250** CHANGEABLE RAW WATER WATER PURIFICATION MECHANISM

CN - 06.02.2018

Int.Class C02F 1/00 **Appl.No** 201720938370.9 **Applicant** GUANGZHOU YIWEIKANG INTELLIGENT ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD. **Inventor** SU KAIFENG



The utility model discloses a changeable raw water water purification mechanism, including sealing the water pole actuating mechanism that water pole up -and -down motion was sealed in water pole, water purification filter core cap, water purification filter core seat, water purification filter element pipe and drive, wherein, water purification filter element pipe sets up between water purification filter core cap and

Exercises

22. In the field full-text field, the following query:
shaving AND head

a. Limit your result to the PCT collection
b. Sort by Publication Date Descending
c. Display the results only with images

Solution

22. In the full-text field, enter in the Front page field, the following query:

shaving AND head

a. Limit your result to the PCT collection

EN_ALLTXT:(shaving AND head)

70,243 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Analysis

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
United States of America	30,939	United States of America	34,609	THE PROCTER AND GAMBLE COMPANY	1,036	A61K	21,613	a61k	4,142	1974	236	A	24,141
PCT	10,624	PCT	10,624	KONINKLIJKE PHILIPS NV	1,006	B26B	9,657	a61p	3,162	1975	248	A1	17,333
European Patent Office	7,078	Canada	8,001	THE GILLETTE COMPANY	817	A61P	7,921	a61p 35/00	2,597	1976	372	B2	15,831
United Kingdom	6,583	European Patent Office	7,841	HUMAN GENOME SCIENCES INC	665	C07K	5,515	a61p 43/00	2,369	1977	312	B1	6,452
Canada	5,644	United Kingdom	6,701	BRAUN GMBH	543	A61B	5,495	a61k 45/06	2,016	1978	322	C	2,182
Australia	4,390	Australia	4,403	BIC VIOLEX SA	538	C12N	4,934	a61p 29/00	1,846	1979	216	B	1,981
India	1,556	China	4,390	THE GILLETTE COMPANY LLC	474	A61Q	4,302	a61p 25/00	1,614	1980	217	U	701
China	1,268	India	2,694	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	328	C07D	4,149	c07k	1,437	1981	248	A4	475
New Zealand	381	Republic of Korea	1,910	GILLETTE CO	307	A61F	2,816	a61p 17/00	1,413	1982	172	A3	456
Japan	365	Brazil	1,328	WARNER LAMBERT COMPANY	307	G01N	2,278	a61q 19/00	1,335	1983	203	C1	138
Israel	345	Mexico	1,253	ROSEN CRAIG A	295	A61L	2,240	b26b	1,249	1984	213	A2	118
South Africa	278	New Zealand	1,194	RUBEN STEVEN M	294	B65D	1,777	a61k 9/0014	1,224	1985	232	B8	90
Singapore	134	Russian Federation	1,042			A45D	1,761	a61k 38/00	1,209	1986	221	C2	63
Republic of Korea	104	Israel	999			A61N	1,622	a61p 9/00	1,185	1987	237	A9	49
Germany	96	Japan	784			A01N	1,613	a61k 2039/505	1,164	1988	275	B9	46
						A61M	1,593	a61b	1,111	1989	298	T3	35

b. Sort by Publication Date Descending

EN_ALLTXT:(shaving AND head)

10,624 results Offices all Languages en Stemming true Single Family Member false Include NPL false

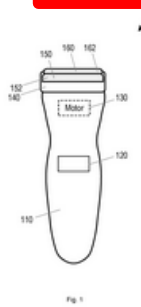
COUNTRY=WO

Sort: Pub Date Desc Per page: 100 View: All+Image 1 / 107 Download Machine translation

1. **WO/2023/135065** ELECTRIC SHAVERS

WO - 20.07.2023

Int.Class B26B 21/48 Appl.No PCT/EP2023/050243 Applicant KONINKLIJKE PHILIPS N.V. Inventor VARGHESE, Babu



According to an aspect, there is provided an electric shaver [100, 300a-b, 400, 500a-c] that comprises a first hair-cutting unit [150] that comprises: a first internal cutting member [252]; and a first external cutting member [152, 152a, 152b, 152c] arranged to cover the first internal cutting member [252] and wherein the first internal cutting member [252] is movable relative to the first external cutting member [152, 152a, 152b, 152c]; wherein the first external cutting member [152, 152a, 152b, 152c] comprises a first skin-contacting area comprising a first plurality of hair-entry openings [266], wherein the first skin-contacting area is arranged, in use, to contact skin. The electric shaver [100, 300a-b, 400, 500a-c] further comprises a second skin-contacting area arranged, in use, to contact the skin and a bi-polar radio frequency [RF] generator unit [120] configured to apply a first polarity RF voltage to the first external cutting member [152, 152a, 152b, 152c], and wherein the entirety of the first external cutting member [152, 152a, 152b, 152c] is configured to conduct the first polarity RF voltage; and wherein the bi-polar RF generator unit [120] is further configured to apply a second polarity RF voltage to the second skin-contacting area.

2. **WO/2023/137142** ACTIVE TISSUE ADHESIVE AND USES THEREOF

WO - 20.07.2023

Int.Class A61F 2/02 Appl.No PCT/US2023/010734 Applicant PRESIDENT AND FELLOWS OF HARVARD COLLEGE Inventor MOONEY, David, J.

Disclosed herein is a mechanically active gel-elastomer-nitinol tissue adhesive [MAGENTA] that can generate and deliver muscle contraction mimicking stimulation to a target tissue with programmed strength and frequency. MAGENTA comprises a soft actuator, which comprises a shape memory alloy and an elastomer, and an adhesive that adheres the actuator to the underlying tissue. MAGENTA was found to activate mechanosensing pathways involving yes-associated protein [YAP] and myocardin related transcription factor A [MRTFA] when attached to muscle, and increase the rate of protein synthesis. Disuse muscles treated with MAGENTA exhibited greater size and weight and, importantly, were able to generate significantly higher forces compared to untreated muscles, demonstrating prevention of atrophy. Finally, the actuation of MAGENTA can be controlled remotely, broadening the scope of its potential applications.

3. **WO/2023/137198** ANALYTE AND ENVIRONMENT SENSORS

WO - 20.07.2023

Int.Class A61B 5/07 Appl.No PCT/US2023/010832 Applicant CANARY MEDICAL SWITZERLAND AG Inventor ADLER, Mark A.

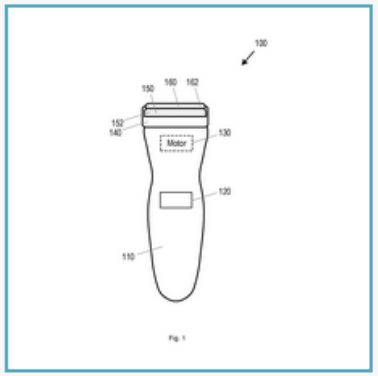
c. Display the results only with images

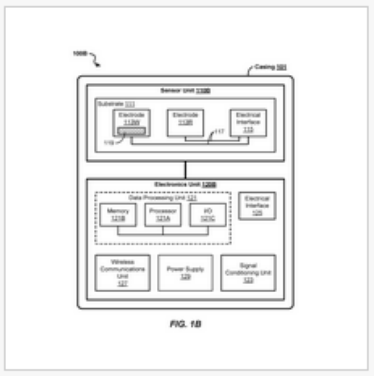
EN_ALLTXT:(shaving AND head)

10,624 results Offices all Languages en Stemming true Single Family Member false Include NPL false

COUNTRY=WO

Sort: Pub Date Desc Per page: 100 View: Image 1 / 107





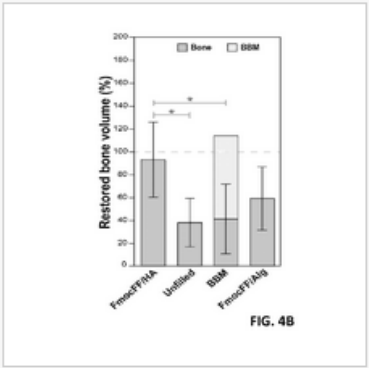
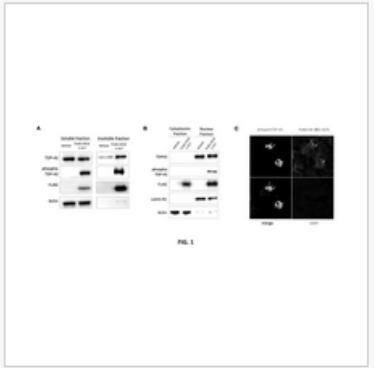
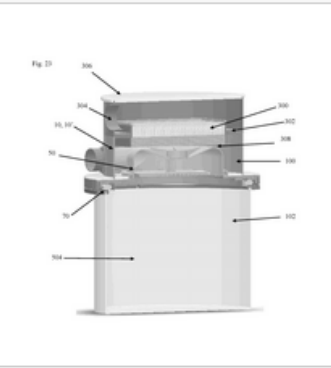


FIG. 4B





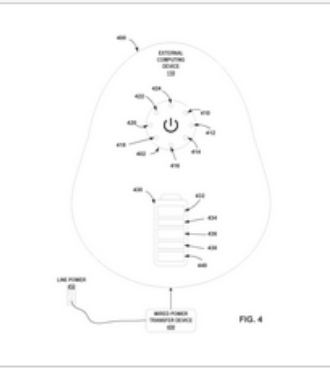
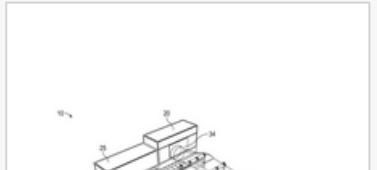
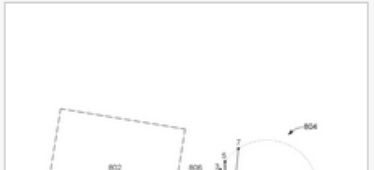


FIG. 4



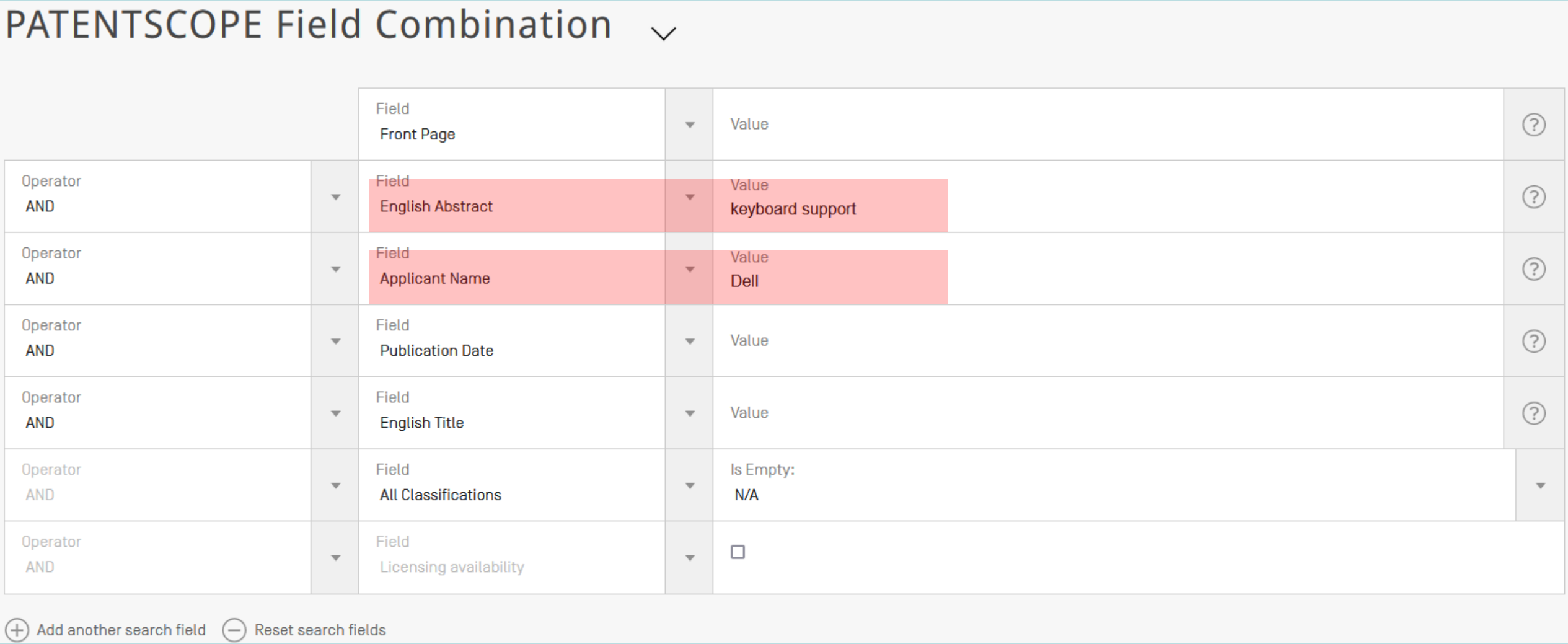


Exercise

23. Search for

a. *keyboard support* in the abstract field
b. Dell in the applicant field
c. narrow down to documents having CPC G06F1/1616
d. subscribe to the RSS feed
e. download the result list

a. keyboard support in the abstract field + b. Dell in the applicant field



c. narrow down to documents having CPC G06F1/1616

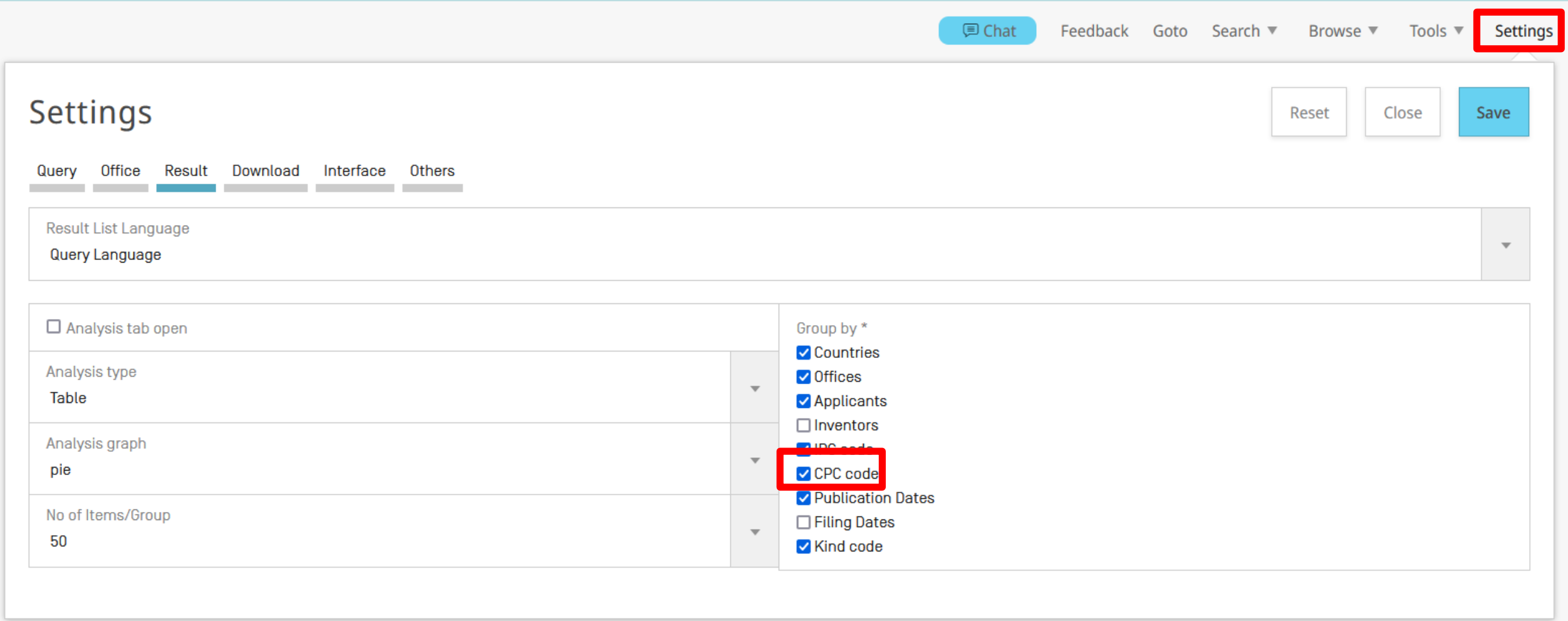
46 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Analysis

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
United States of America	44	United States of America	44	DELL PRODUCTS LP	36	G06F	45	g06f 1/1616	13	1993	1	B2	23
Canada	1	Canada	1	DELL USA LP	10	H05K	10	g06f 3/016	11	1994	0	A	9
United Kingdom	1	United Kingdom	1	CASPARIAN MARK A	1	H01H	9	g06f 1/1662	10	1995	1	B1	7
				DELL PRODUCTS L P	1	G09G	4	g06f 3/0202	8	1996	0	A1	6
				KNEPPER LARRY E	1	H01L	4	g06f 3/0219	8	1997	2	B	1
				REDDY KARUN	1	B41J	3	g06f 3/03547	5	1998	5		
				ROSS CARLOS	1	H04R	3	g06f 3/044	5	1999	0		
				SIERRA DANAE	1	B65H	2	g06f 1/1637	4	2000	2		
						F16M	2	g06f 1/1656	4	2001	1		
						G08B	2	g06f 1/1664	4	2002	0		
						H03K	2	g06f 1/169	4	2003	1		
						B43L	1	h01h 13/84	4	2004	2		
						F21V	1	g06f 1/16	3	2005	2		
						F21W	1	g06f 1/1635	3	2006	2		
						F21Y	1	g06f 1/1669	3	2007	1		



d. subscribe to the RSS feed

IP Portal

Help English Sandrine AMMANN

Chat Feedback Goto Search Browse Tools Settings

EN_AB:(keyboard support) AND PA:(Dell)

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

CPC=G06F 1/1616

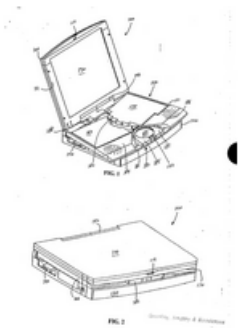
Sort: Relevance Per page: 100 View: All+Image 1 / 1 Download Machine translation

1. **2193445** ERGONOMIC KEYBOARD FOR A PORTABLE COMPUTER AND METHODS OF OPERATION AND MANUFACTURE THEREFOR

CA - 06.07.1997

Int.Class G06F 3/023 **Appl.No** 2193445 **Applicant** DELL USA, L.P. **Inventor** BOYLE, DENNIS J.

An ergonomic keyboard for a portable computer having a chassis and methods of operation and manufacture therefor. The keyboard includes: [1] a first keyboard portion pivotally coupled to a first location on the chassis for rotation relative thereto, the first keyboard portion supporting a first plurality of keys aligned along a first axis and [2] a second keyboard portion pivotally coupled to a second location on the chassis for rotation relative thereto, the second keyboard portion supporting a second plurality of keys aligned along a second axis, the keyboard movable between a deployed position wherein the first and second axes are misaligned to effect an ergonomic presentation of the first and second pluralities of keys to a user and a stowed position wherein the firstand second keyboard portions are within a footprint of the chassis, the keyboardpresenting a conventional arrangement of the first and second plurality of keys to a user in the stowed position.

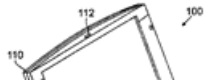


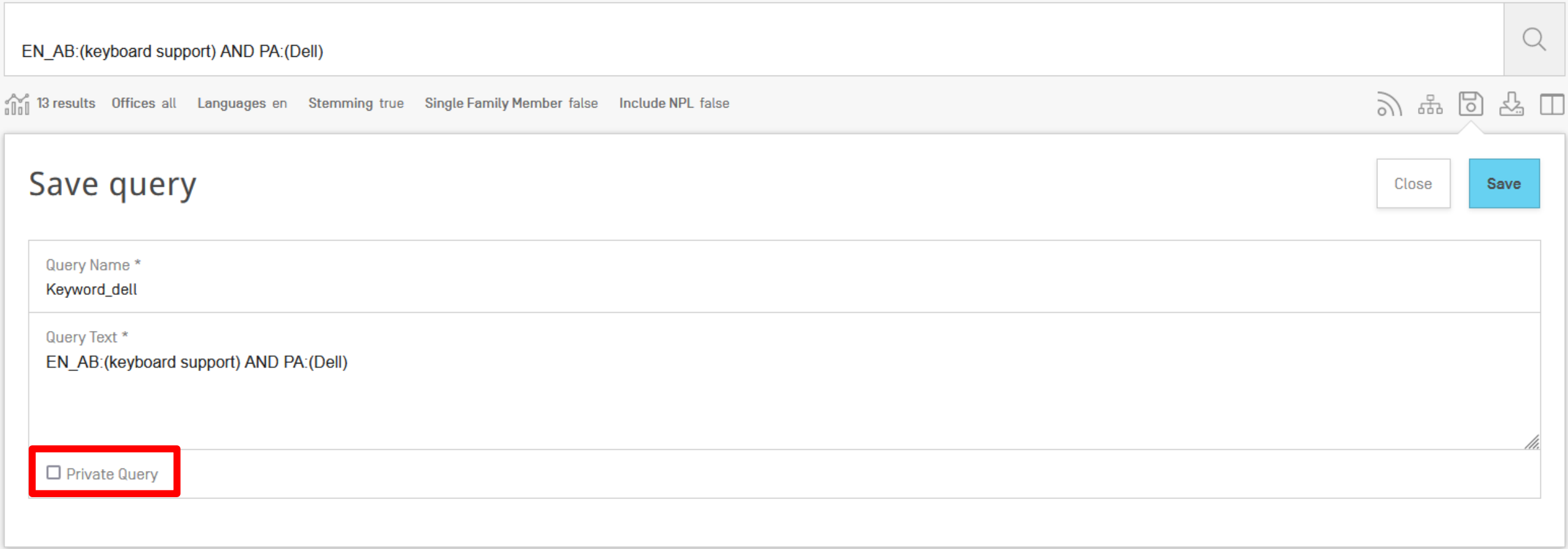
2. **5717431** ERGONOMIC KEYBOARD FOR A PORTABLE COMPUTER AND METHODS OF OPERATION AND MANUFACTURE THEREFOR

US - 10.02.1998

Int.Class H01H 13/70 **Appl.No** 08745633 **Applicant** Dell USA, L.P. **Inventor** Chia-Ying Chen

A portable computer and method of operation thereof. The portable computer includes: [1] a first chassis portion hingedly coupled to a second chassis portion by first and second bulkheads to allow relative





Saved Queries

These are all queries saved in your PATENTSCOPE profile.
They are available every time you log in!

Name	Search for	Offices	Sort by	Stem	Single Family Member	Page	Size	Private	
Electric car	FP:(EN_TI:"electric car")	All	Relevance	☐	☐	1	10	☑	
Wind turbine	EN_AB:"wind turbine"	All	Relevance	☐	☐	1	10	☑	
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	All	Relevance	☐	☐	1	10	☑	

d. download the result list

IP Portal

Help English Sandrine AMMANN

Chat Feedback Goto Search Browse Tools Settings

EN_AB:(keyboard support) AND PA:(Dell)

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

CPC=G06F 1/1616

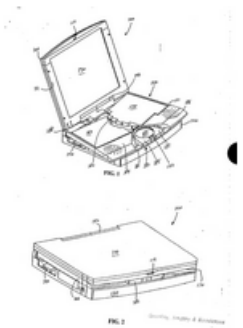
Sort: Relevance Per page: 100 View: All+Image 1 / 1 Download Machine translation

1. **2193445** ERGONOMIC KEYBOARD FOR A PORTABLE COMPUTER AND METHODS OF OPERATION AND MANUFACTURE THEREFOR

CA - 06.07.1997

Int.Class G06F 3/023 Appl.No 2193445 Applicant DELL USA, L.P. Inventor BOYLE, DENNIS J.

An ergonomic keyboard for a portable computer having a chassis and methods of operation and manufacture therefor. The keyboard includes: [1] a first keyboard portion pivotally coupled to a first location on the chassis for rotation relative thereto, the first keyboard portion supporting a first plurality of keys aligned along a first axis and [2] a second keyboard portion pivotally coupled to a second location on the chassis for rotation relative thereto, the second keyboard portion supporting a second plurality of keys aligned along a second axis, the keyboard movable between a deployed position wherein the first and second axes are misaligned to effect an ergonomic presentation of the first and second pluralities of keys to a user and a stowed position wherein the firstand second keyboard portions are within a footprint of the chassis, the keyboardpresenting a conventional arrangement of the first and second plurality of keys to a user in the stowed position.



2. **5717431** ERGONOMIC KEYBOARD FOR A PORTABLE COMPUTER AND METHODS OF OPERATION AND MANUFACTURE THEREFOR

US - 10.02.1998

Int.Class H01H 13/70 Appl.No 08745633 Applicant Dell USA, L.P. Inventor Chia-Ying Chen

Exercises

24. In the abstract field, enter:

a. **Support** and take note of the results; then
b. **Support** and **untick stemming**

What is the difference between those 2 searches?

PATENTSCOPE Field Combination

	Field: Front Page		Value
Operator: AND		Field: English Abstract	Value: support
Operator: AND		Field: Application Number	Value
Operator: AND		Field: Publication Date	Value
Operator: AND		Field: English Title	Value
Operator: AND		Field: All Classifications	Is Empty: N/A
Operator: AND		Field: Licensing availability	☐

	Front Page	
Operator AND	Field English Abstract	Value support
Operator AND	Field Application Number	Value
Operator AND	Field Publication Date	Value
Operator AND	Field English Title	Value
Operator AND	Field All Classifications	Is Empty: N/A
Operator AND	Field Licensing availability	☐

⊕ Add another search field ⊖ Reset search fields

Offices
All

Languages
English

☑ Stemming

☐ Single Family Member

☐ Include NPL

8,026,793 results Reset Search

Operator	Field	Value
AND	English Abstract	support
AND	Application Number	
AND	Publication Date	
AND	English Title	
AND	All Classifications	Is Empty: N/A
AND	Licensing availability	☐

⊕ Add another search field ⊖ Reset search fields

Offices
All

Languages
English

☐ Stemming

☐ Single Family Member

☐ Include NPL

4,001,032 results Reset Search

EN_AB:(support)

8,026,793 results | Offices all | Languages en | Stemming true | Single Family Member false | Include NPL false

Sort: Relevance ▼ **Per page:** 100 ▼ **View:** All+Image ▼ 1 / 80,268

1. **107628147** DUAL SUPPORTING RACK FOR BICYCLE

Int.Class B62H 1/00 **Appl.No** 201610565594.X **Applicant** TIANJIN TIANRUI WEISHENG SPORTS EQUIPMENT CO., LTD.

The invention provides a du supporting rack for a bicycle. The dual supporting rack is characterized by comprising large suppo angles, wherein the supporting slide rods are disposed in the chutes; the supporting slide rods are connected with the small supporting supports via sliding rods; and the lower sides of the large and small supporting supports are provided with wrap angles are connected via the chutes and the slide rods; the supporting rods are put down, and the small supporting supports fall on the the large supporting supports fall on the ground; distances are produced between the large supporting supports and the small su with the ground; the large and small supporting supports and the supporting slide rods contact the ground, and a supporting actio

2. **204201410** NOVEL AUXILIARY HEAVY OBJECT SUPPORTING DEVICE

Int.Class F16M 11/38 **Appl.No** 201420618666.9 **Applicant** BEIJING HELI ELECTRIC TRANSMISSION CONTROL TECHNOLOG

The utility model provides a novel auxiliary heavy object supporting device which comprises at least two sets of supporting asser Each supporting assembly comprises a support containing box and a supporting support movably connected with the support supporting cavity. One end of each supporting support can move into and be clamped into the corresponding support supporti support supporting cavity, the other end of each supporting support deviates from the corresponding support containing box by least two sets of supporting assemblies are arranged to support the heavy object body, and when the supporting supports ar supporting cavity, the other end of each supporting support deviates from the corresponding support containing box by the supporting support can be contained in the corresponding support containing box. The novel auxiliary heavy object supporting de the fact that the support containing boxes and the supporting supports can be matched to be better applied to the uneven ground

EN_AB:(support)

4,001,032 results | Offices all | Languages en | Stemming false | Single Family Member false | Include NPL fal

Sort: Relevance ▼ **Per page:** 100 ▼ **View:** All+Image ▼ 1

1. **208725883** OPHTHALMIC SURGERY PALETTE FRAME

Int.Class A61B 50/22 **Appl.No** 201820258754.0 **Applicant** DENG MINGXU **Inventor** DENG MINGXU

The utility model discloses an ophthalmic surgery palette frame, including first support, second support, third support support, second support, third support, the arc support is installed through rotating sleeve in the upper end outside of fi support mounting is in one side of first support, the second support is provided with the arc recess with the lower extrem one side of first support, second support, the lower extreme outside of first support, second support, third support all is through telescopic canular rods between first support and second support, first support and the third support, betwee discloses can adjust according to patient's size.

2. **212823543** LOWER SUPPORT FEEDING AND WELDING DEVICE

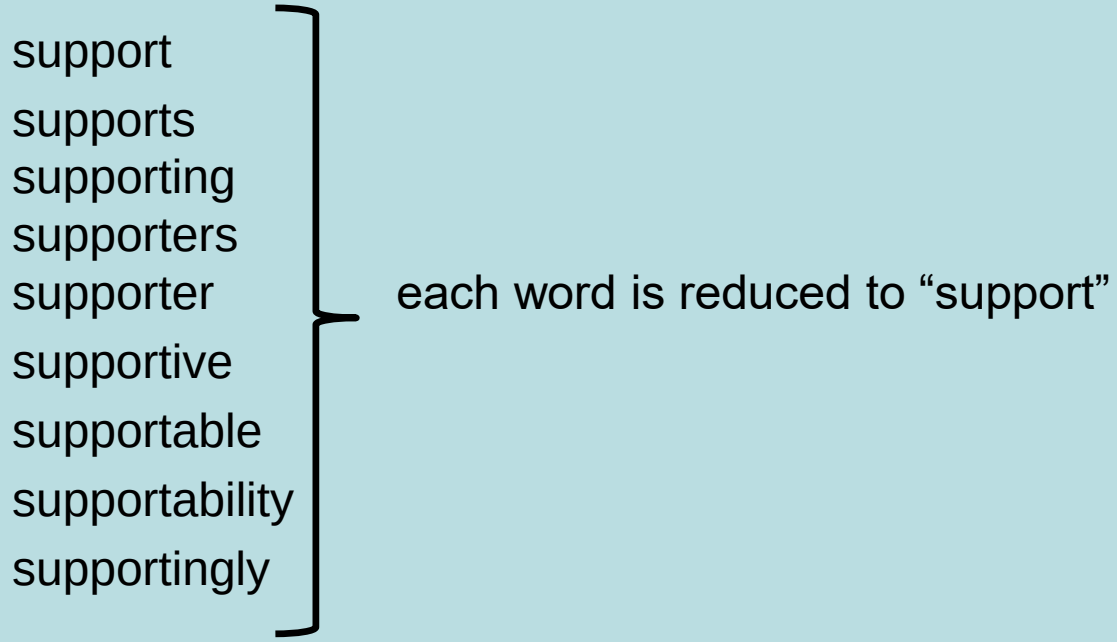
Int.Class B23K 37/00 **Appl.No** 202021536664.7 **Applicant** ZHEJIANG HONGSHENG NEW MATERIALS TECHNOLOG

The utility model discloses a lower support feeding and welding device which comprises a lower support conveying ass support picking and installing assembly and a lower support welding assembly which are arranged on a support. The low picking and mounting assembly is used for picking up a lower support and mounting the lower support to the lower suppo lower support is installed in place or not; the lower support welding assembly is used for tensioning the lower support and lower support, and when the lower support is conveyed to the lower support positioning assembly, the lower support p assembly detects whether the lower support is installed in place or not, and when the lower support is installed in place; lower support to a lower support welding position; and the lower support welding assembly tensions the lower support improved.

3. **20120030868** TOILET BED CAGE SUPPORT APPARATUS

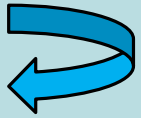
Stemming

- 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

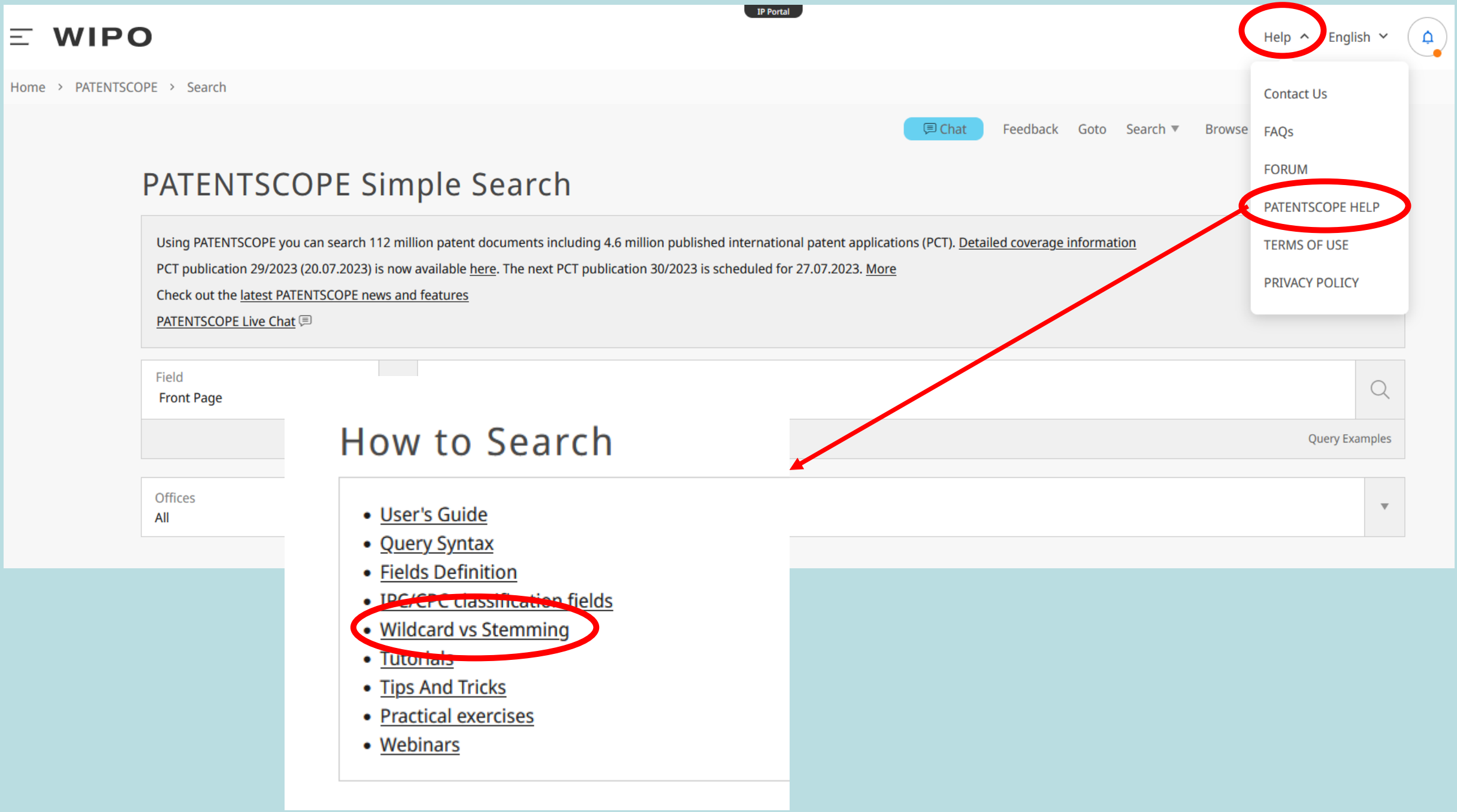
Wildcard vs Stemming

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

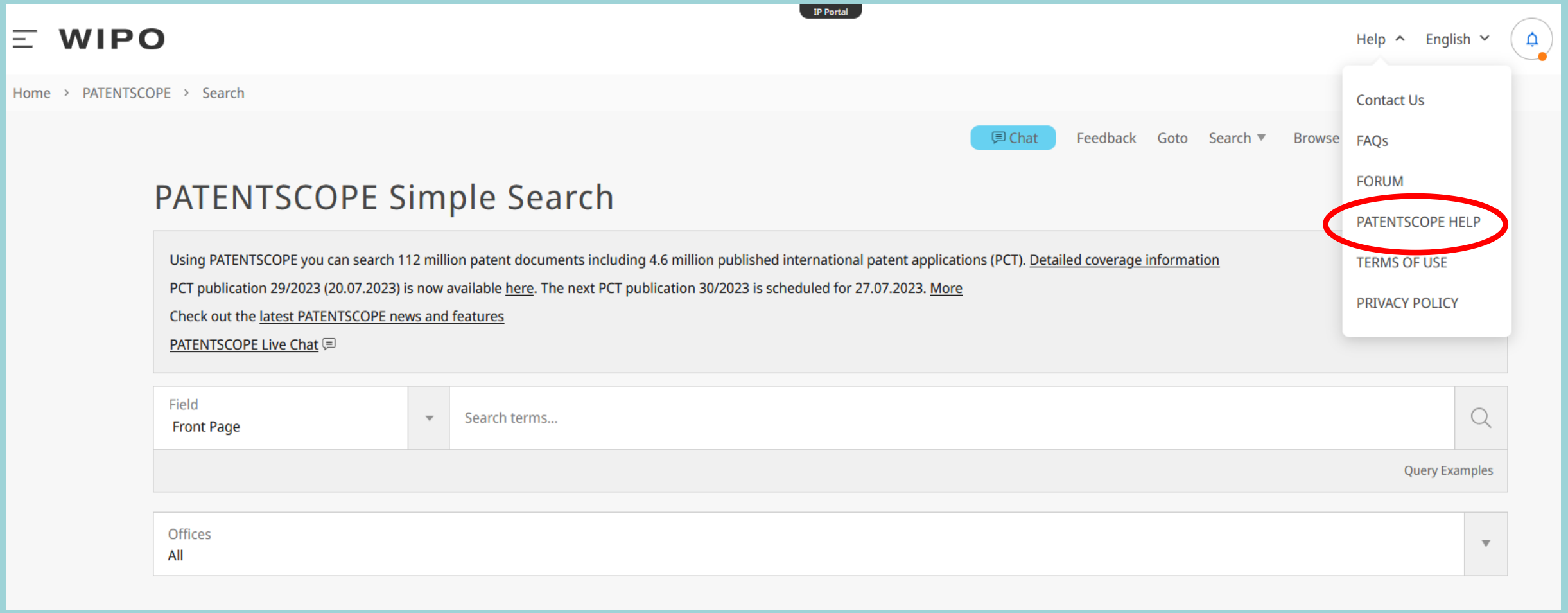
Enter a word
support

Compare to

Stemming support	Wildcard support*
support	support
supporting	supporting
supported	supported
supports	supports
supporter	supporter
supporters	supporters
supportive	supportive



Help menu



HELP

HOW TO SEARCH

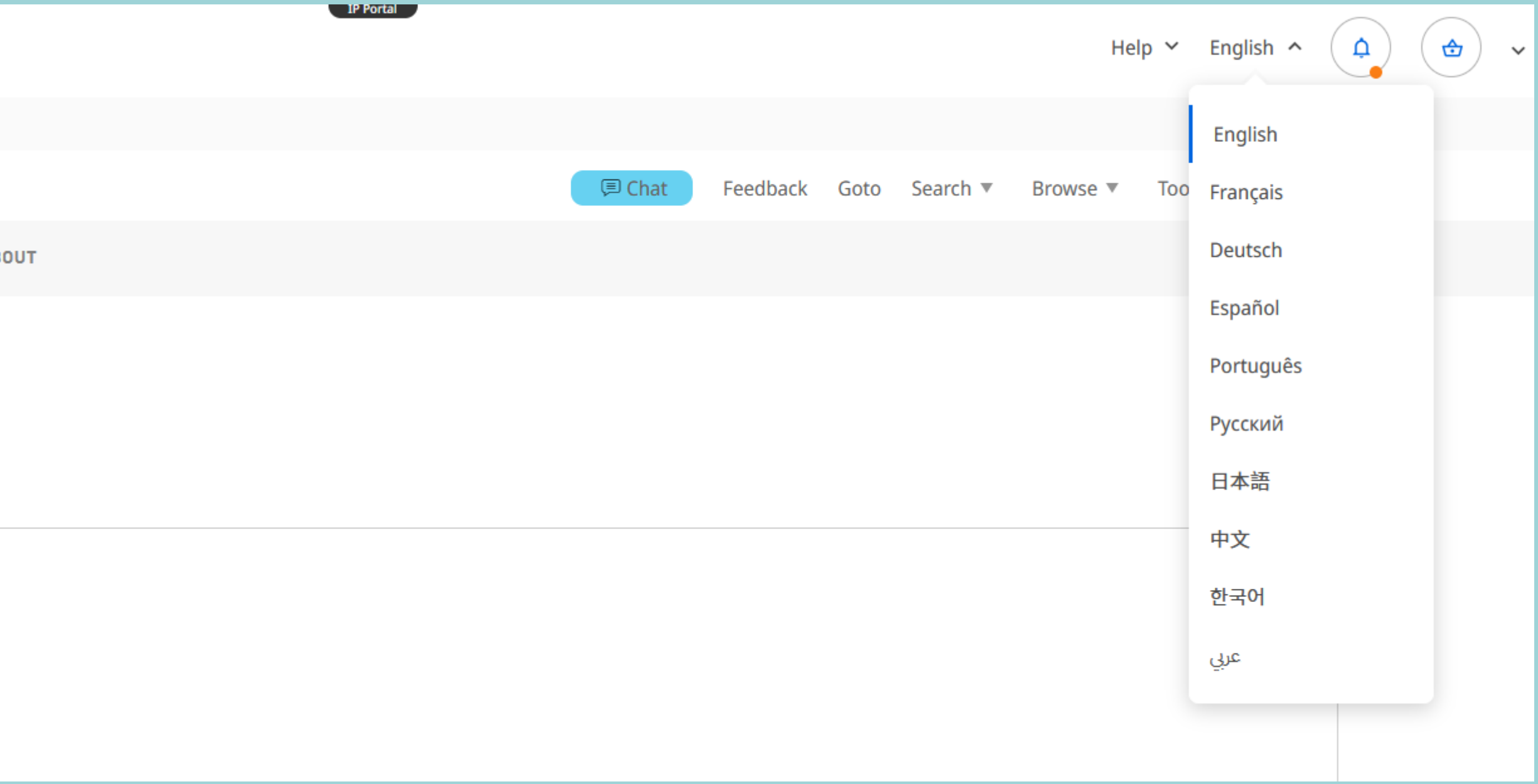
- User's Guide
- Query Syntax
- Fields Definition
- IPC/CPC classification fields
- Wildcard vs Stemming
- Tutorials
- Tips And Tricks
- Webinars

PATENTSCOPE NEWS

- New RSS feed in PATENTSCOPE [May 19, 2022]
- National Collection of Austria Now Available in PATENTSCOPE [May 2, 2022]
- Wildcards and fields in PATENTSCOPE [Mar 31, 2022]
- Milestone celebration: over 100 million patent documents in PATENTSCOPE [Jan 12, 2022]
- Search in PATENTSCOPE and access other services using the WIPO IP Portal widgets [Dec 6, 2021]

LATEST NEWSLETTER

Symbol	Name	Help	Type	Stemmed
FP				
FP	Front Page	The entered value is searched against the Title, Abstract, Numbers and Names FP:("electric car"~50) FP:(Smith or Klein) FP:(WO2010000001) FP:(EP2012001709) FP:("sol* panel"~5) FP:(elect?icit?) FP:(electric^10 and car^3)	text	false



简单检索

您可以通过PATENTSCOPE检索104百万专利文件，其中包含4.3百万已公布的国际专利申请（PCT）。具体信息

PCT公布22/2022（02.06.2022）现可从这里查阅。下一次PCT公布23/2022日期为09.06.2022。 多

查看新的PATENTSCOPE功能：CPC、NPL、专利族.....

支持新冠肺炎创新工作的检索功能

字段
首页

检索内容.....
tai'yang'neng'kao'xiang
1 太阳能烤箱 2 太阳能 3 太阳 4 泰阳 5 泰洋 6 太 7 台

查询示例

专利局
全部

National Collections - Data Coverage

Offices for which PCT national phase information is available

Updated: July 25, 2023

Country	Latest Biblio	Update Frequency	Biblio Data	Abstract	Chemical Data	Chemical indexed	Doc images	OCR [full-text] Indexed	Nb records
PCT	25.07.2023	Daily	19.10.1978 - 20.07.2023	19.10.1978 - 20.07.2023	11.01.1979 - 20.07.2023	966,116	4,643,730	**Total: 4,642,931** Arabic: 223 German: 437,239 English: 2,570,291 Spanish: 30,753 French: 148,070 Japanese: 779,609 Korean: 168,956 Portuguese: 6,415 Russian: 23,034 Chinese: 478,341	4,643,730
African Regional Intellectual Property Organization [ARIPO]			03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008			1,676	**Total: 1,671** English: 1,671	1,868
Argentina	06.07.2023	Monthly	11.02.1965 - 28.06.2023	31.10.1990 - 28.06.2023			9,741	**Total: 8,906** Spanish: 8,906	175,654
Australia	20.07.2023	Weekly	14.01.1900 - 13.07.2023	08.01.1981 - 13.07.2023				**Total: 742,863** English: 742,863	1,860,747

PCT: 4,643,730
Offices: 107,260,764
Overall: 111,904,494

HOW TO SEARCH

- User's Guide
- Query Syntax
- Fields Definition
- IPC/CPC classification fields
- Wildcard vs Stemming
- Tutorials
- Tips And Tricks
- Webinars

TIPS AND TRICKS

Date	Title
07.06.2022	OR NEAR combined
31.05.2022	Sequence Listings
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
05.04.2022	NPL
29.03.2022	Wildcards
22.03.2022	covid19 Index

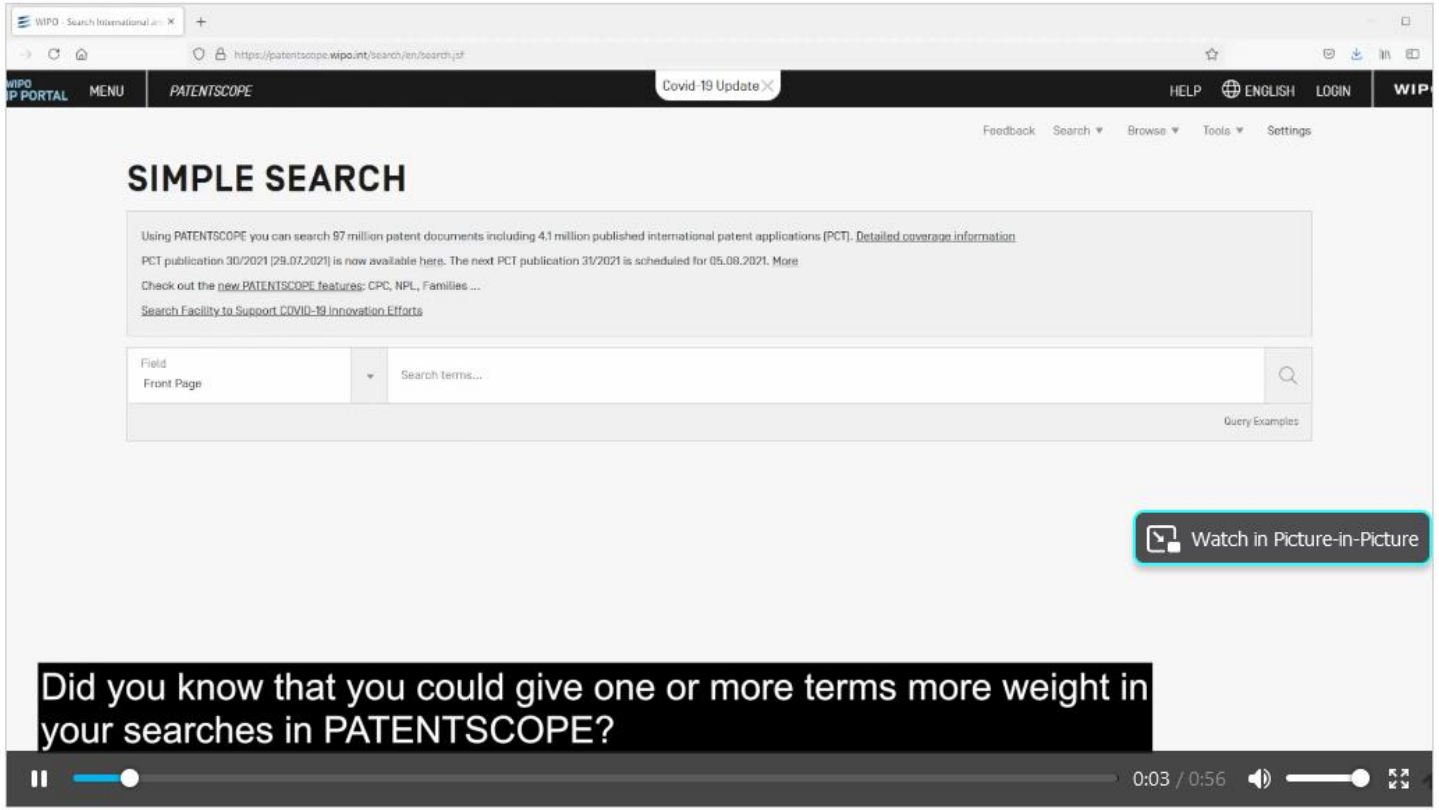
TIPS AND TRICKS

Date

21.09.2021

TIPS AND TRICKS

Close



Future/past webinars:

PATENTSCOPE Webinars

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

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

Register for upcoming webinars

All PATENTSCOPE webinars

PATENTSCOPE: Practical Session 1
July 25, 2023 (English) 17:30 - 18:30 Geneva time

Series of 4 sessions over the summer|Session 1: - Introduction and Easy Exercises|Session 2: - Intermediate Level Exercises|Session 3: - Advanced Level Exercises|Session 4: - Diverse Mix of Exercises

Online registration

PATENTSCOPE: practical session 1
July 26, 2023 (English) 08:30 - 09:30 Geneva time

Series of 4 sessions over the summer|Session 1: - Introduction and Easy Exercises|Session 2: - Intermediate Level Exercises|Session 3: - Advanced Level Exercises|Session 4: - Diverse Mix of Exercises

Online registration

PATENTSCOPE: practical session 2
August 8, 2023 (English) 17:30 - 18:30 Geneva time

Series of 4 sessions over the summer|Session 1: - Introduction and Easy Exercises|Session 2: - Intermediate Level Exercises|Session 3: - Advanced Level Exercises|Session 4: - Diverse Mix of Exercises

Online registration

Platform Requirements

Please see the system requirements for attendees of our webinars.

wipo.int/patentscope/en/webinar

patentscope@wipo.int