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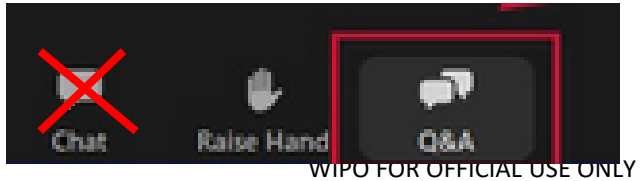

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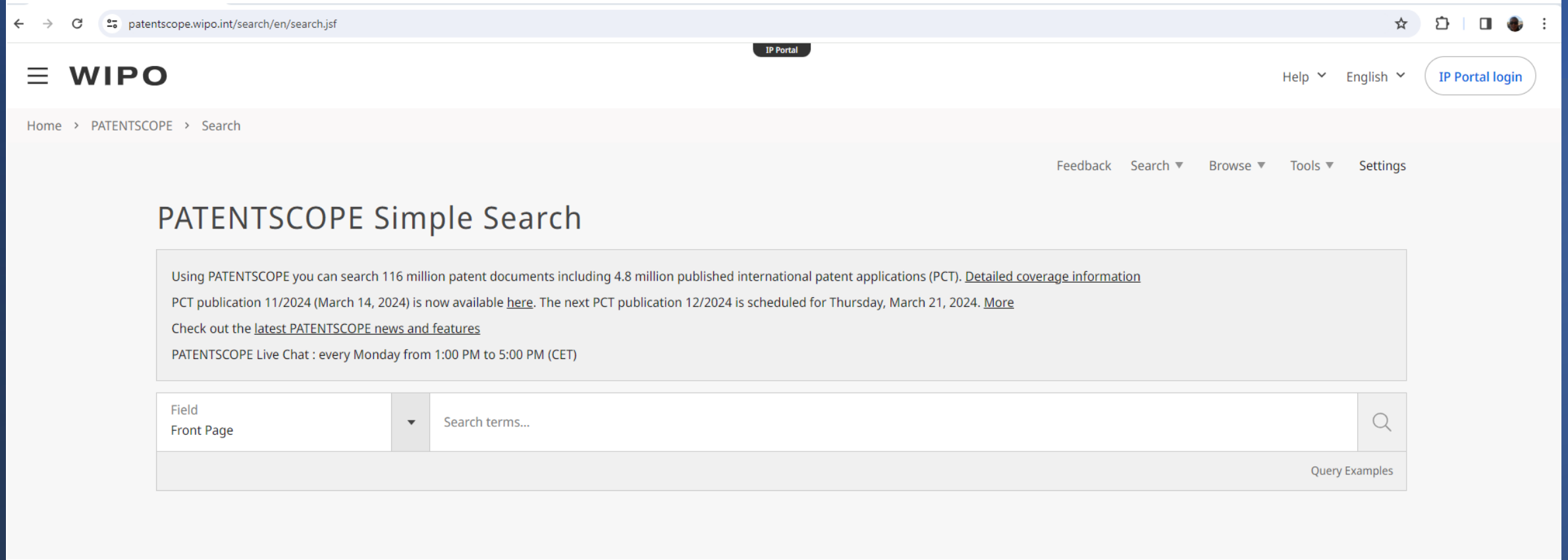
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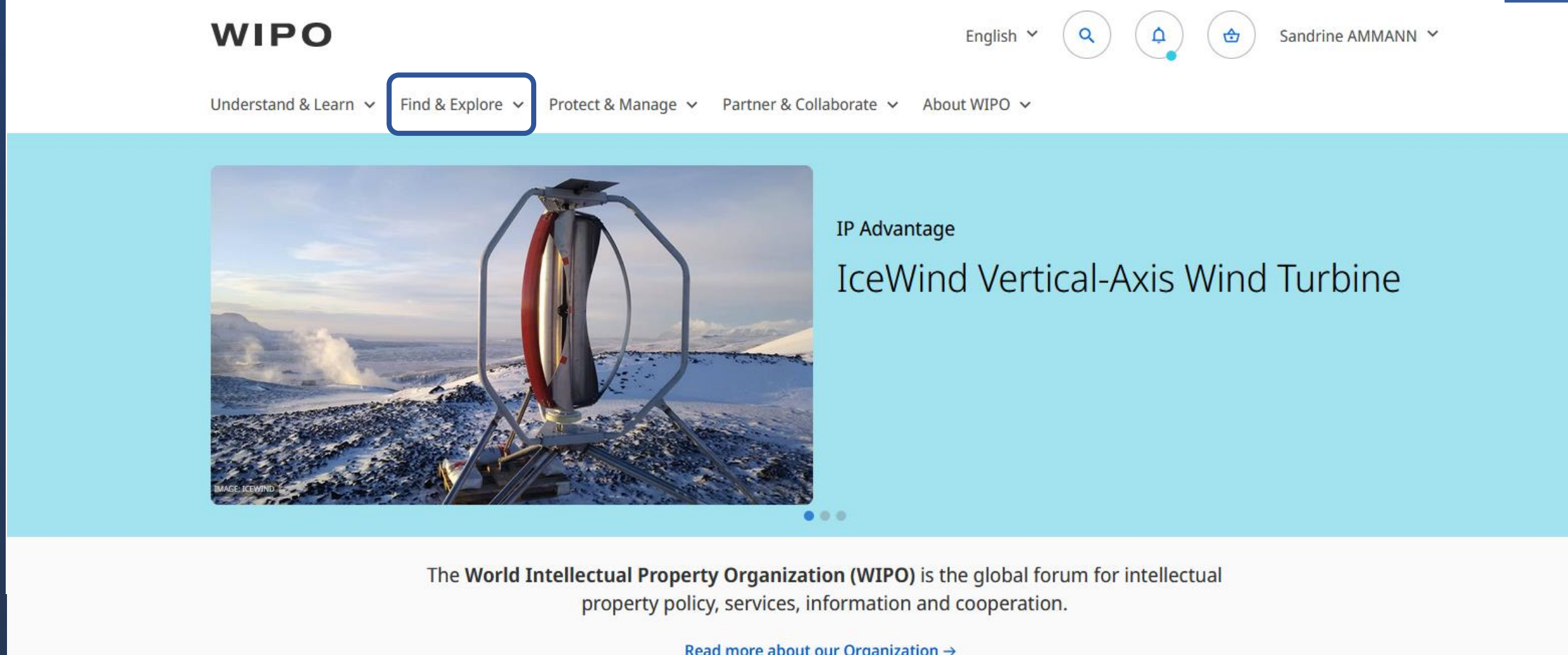

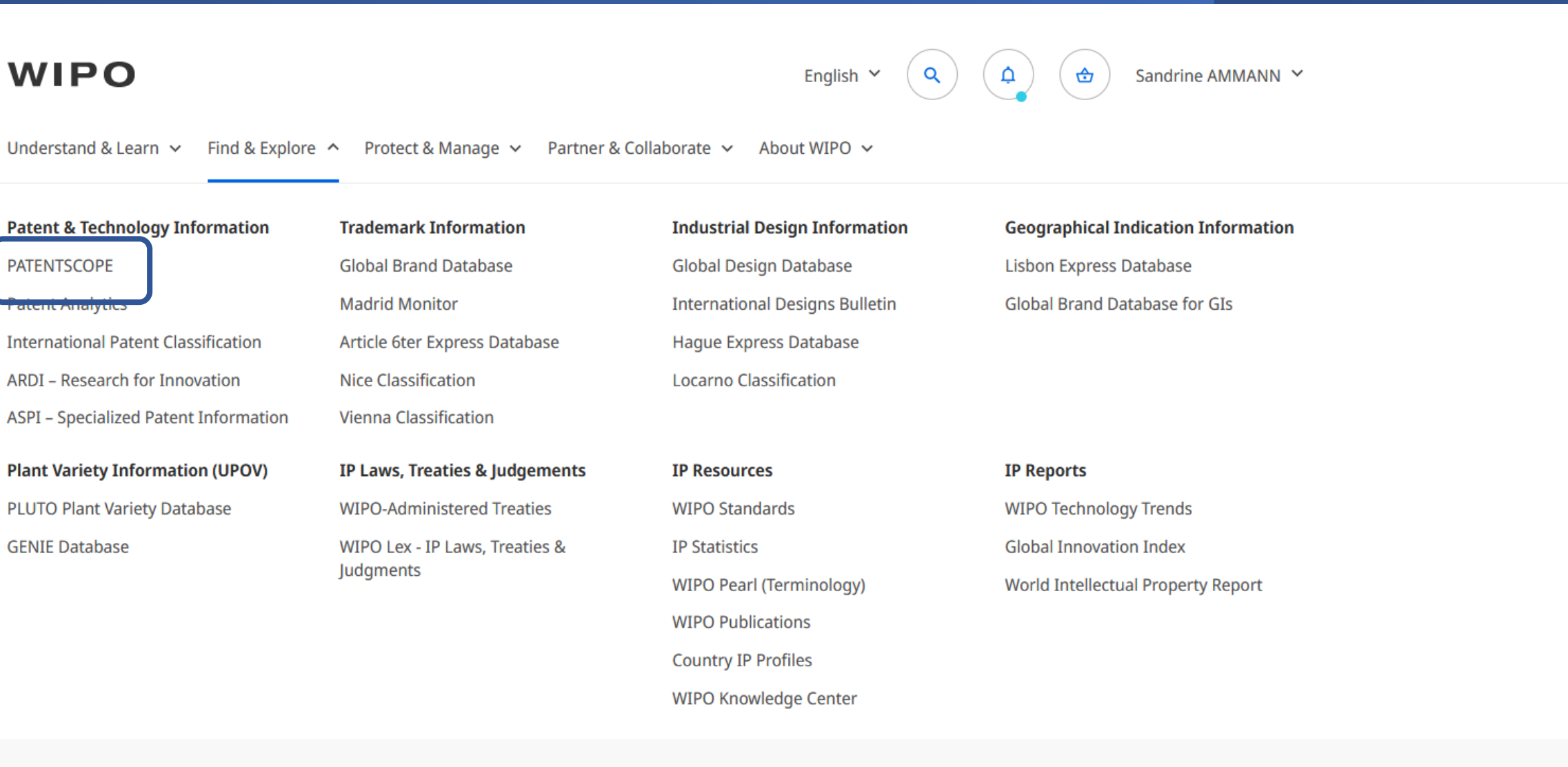
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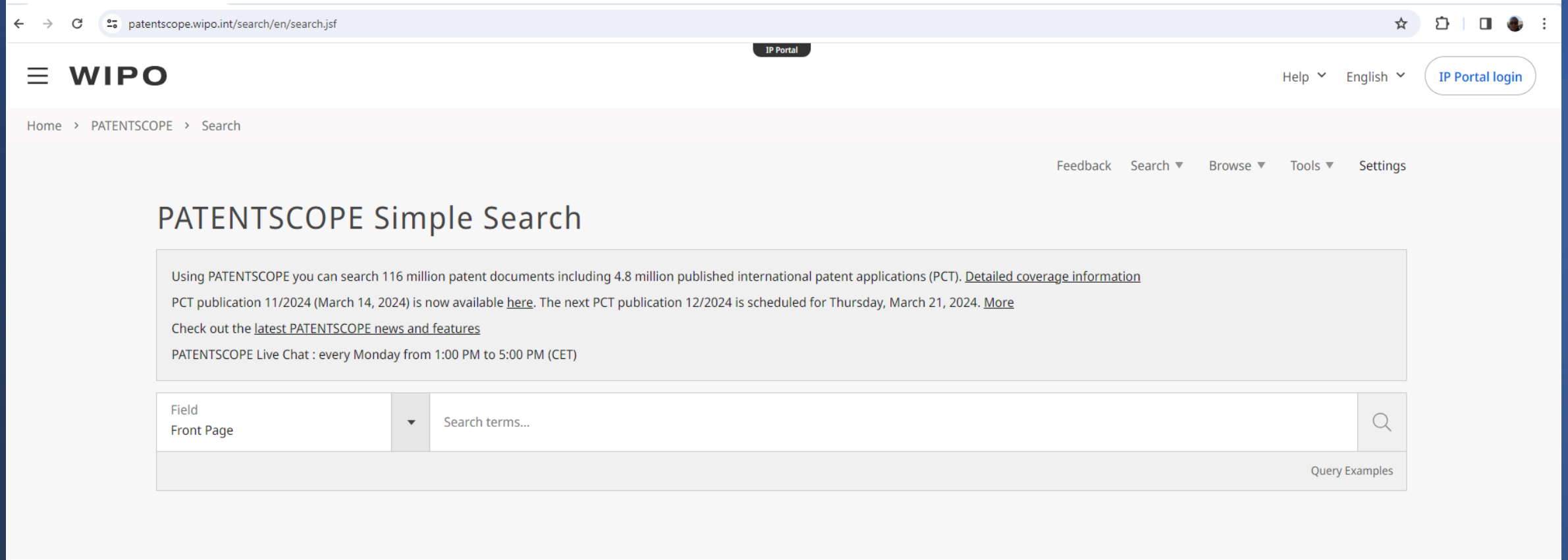
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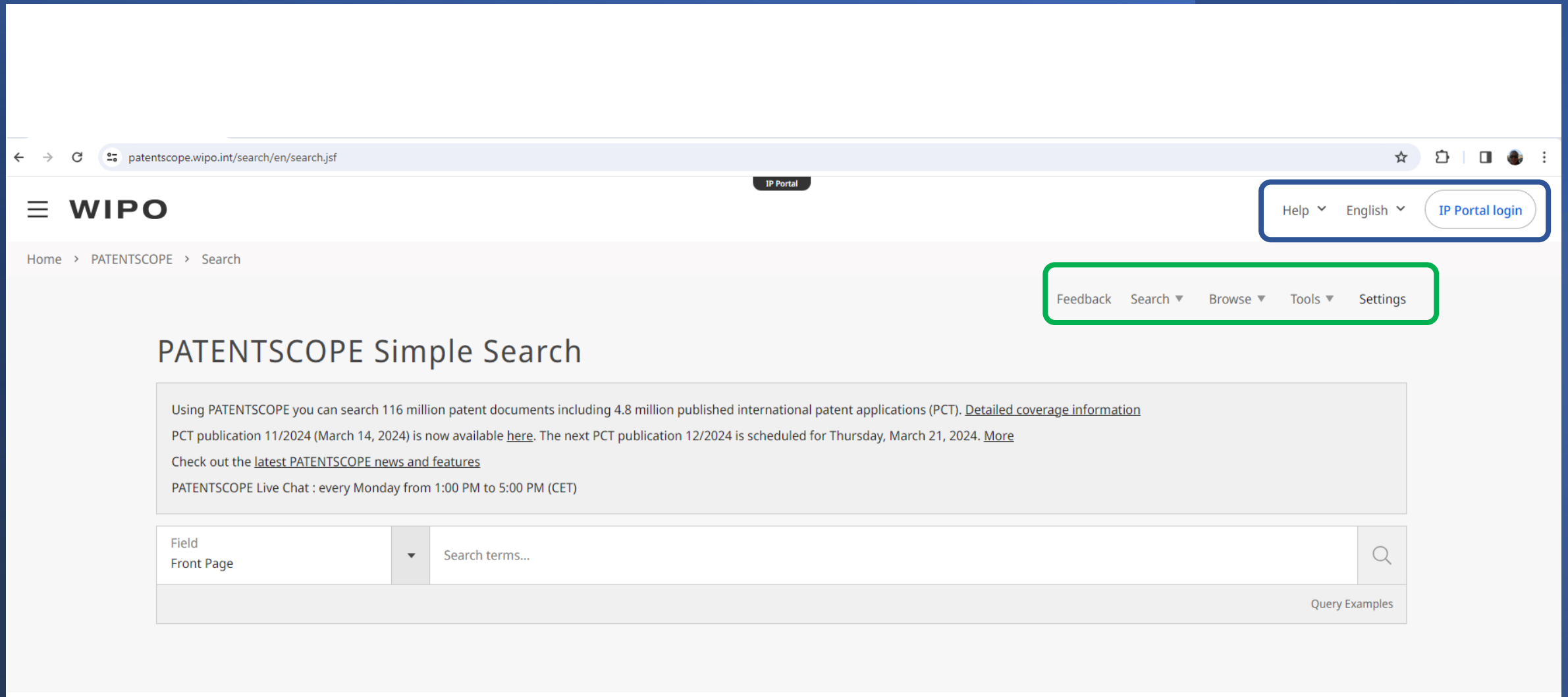
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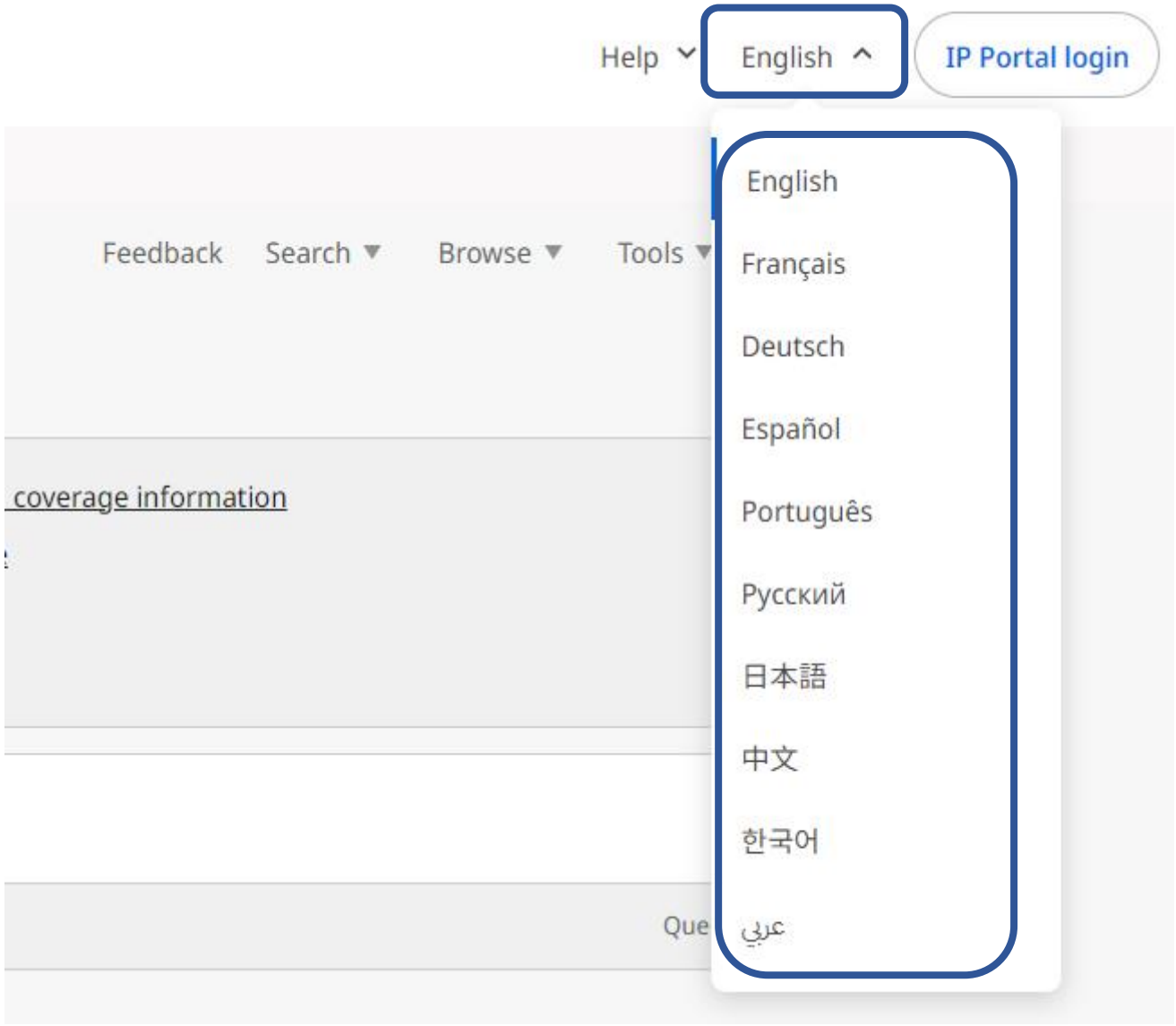
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금주 PCT 공개공보 11/2024(2024년 3월 14일 (목))가 여기에서 이용 가능합니다. 내주 PCT 공개공보 12/2024는 2024년 3월 21일 목요일로 예정되어 있습니다. 자세히 알아보기

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Search terms...
car

Query Examples

EN_ALLTXT:(car)

1,696,273 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 169,628 Machine translation

EN = English
ALLTXT= full text

1. 20060076194 US - 13.04.2006
Int.Class B66B 7/00
A car in an elevator, ... ngle of 8° to 30° with respect to a line of movement of doors of the car in a direction from a door gate side of the car toward a side plate of a car sic

2. WO/2005/014 WO - 17.02.2005
Int.Class B66B 11/0... ...r ENDO, Masahiko
A car in an elevator, ... an angle of 8° to 30°with respect to a line of movement of doors of the car [1] in a direction from a door gate side of the car [1] toward a side plate o... member[15].

3. 20230322281 CABLE CAR AND CABLE CAR NETWORK WITH SEVERAL CABLE CARS US - 12.10.2023
Int.Class B61L 23/00 Appl.No 18299326 Applicant Innova Patent GmbH Inventor Clemens Mohr
A cable car and a cable car network with cable car stations and cable car vehicles movable with a haulage rope between the cable car stations includes a cable car control unit for controlling the cable car, wherein a maximum electrical energy consumption of the cable car is predetermined; an energy detection unit configured for determining an electrical energy consumption of the cable car; and wherein the cable car control unit is configured to control or regulate an electrical energy consumption of at least one electrical consumer of the cable car based at least in part on the determined electrical energy consumption of the cable car such that the maximum electrical energy consumption predetermined for the cable car is not exceeded. Associated methods of operating a cable car or cable car network are also disclosed.

4. 4365694 PREVENTING ELEVATOR CAR CALLS BEHIND CAR US - 28.12.1982
Int.Class B66B 1/18 Appl.No 06234078 Applicant Otis Elevator Company Inventor Bittar Joseph
A microprocessor cab controller for an elevator car processes signals to control car calls by means of routines which prevent car calls from being registered behind the advancing direction of the car unless the car is headed for the lobby without further demand or the car has no advance direction. Also disclosed are routines which respond to directives from a car controller mounted in the building to reset all car calls, reset selected car calls, reset the car call at a floor landing where the car is stopping, or force selected car calls; to inhibit car calls in a selected one of two zones of continuous floors for implementing dual up peak operation, and for selectively inhibiting registration of car calls at floors which are designated as cut off from service by the car.

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car

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ES_ALLTXT:(car)

598.724 resultados Oficinas all Idiomas es Separación automática de palabras en lexemas true Miembro de una familia de patentes simple false Incluir la LDP false

Ordenar: Pertinencia Por página: 10 Ver: Todo 1 / 59.873 Traducción automática

ES = Spanish

ALLTXT= full text

1. 20220066 MX - 27.06.2022

Clasificación Inte /a Raymond A. LIBERATORE

Una navaja dese a navaja desechable de doble cara o el sistema de navaja comprenden un mango que se extiende de manera vertical con una primera cara y un también tiene un primer pivote que se extiende de manera horizontal desde un primer brazo y un segundo pivote que se extiende de manera horiz vote y el segundo pivote para cambiar entre una primera cara del cartucho o a una segunda cara del cartucho para desviar el cartucho ya sea a e desarmar el cartucho.

2. 2927366 ES - 04.11.2022

Clasificación Inte ntor/a TAMADA, Koji

Un objeto de la p eno quimérico (CAR) y un factor potenciador de la función inmunitaria de las células T y que tengan un alto efecto inductor de inmunidad y activ expresan CAR. Un vector de expresión CAR comprende un ácido nucleico que codifica un receptor de antígeno quimérico (CAR) y un ácido nucleico que codifica un factor potenciador de la función inmunitaria de células T, en el que el ácido nucleico que codifica un factor potenciador de la función inmunitaria es un ácido nucleico que codifica interleucina-7 y se prepara un ácido nucleico que codifica CCL19, un ácido nucleico que codifica un mutante dominante negativo de SHP-1, o un ácido nucleico que codifica un mutante dominante negativo de SHP-2, o una célula T que expresa CAR introducida con el vector de expresión CAR. [Traducción automática con Google Translate, sin valor legal]

3. 2258389 LADRILLO DE CARA VISTA. ES - 16.08.2006

Clasificación Internacional E04C 1/39 Nº de solicitud 200402347 Solicitante INNOVACIONES CERAMICAS SL Inventor/a MONTURIOL JALON ANTONIO

Ladrillo de cara vista. Consiste en un ladrillo de cara vista que tiene cuatro partes diferenciadas que cumplen funciones distintas del ladrillo: una zona interior preparada para recibir el mortero de unión, zona que es común por constitución y prestaciones físicas a cualquier ladrillo de cara vista convencional; una zona exterior constituyente de la cara vista del ladrillo, en cualquiera de las soluciones de acabado que se vienen realizando para ladrillos de cara vista; entre ambas zonas, una tercera que se compone de oquedades o espacios, formando cámaras, que ofrecen una superficie de contacto en sombra del ladrillo con el aire y que tienen acceso abierto y libre, por medio de lomas específicas de ventilación, con el exterior del ladrillo para la renovación del aire interno, siendo estas tomas de aire la cuarta parte definitoria del nuevo ladrillo.

反馈 检索 浏览 工具 设置

ZH_ALLTXT:(car)

29,827 个结果 专利局 all 语言 zh 词根提取 true 单一族成员 false 包括NPL false

排序: 相关性 每页: 10 查看: 全文 1 / 2,983 机器翻译

1. **107109421** CAR表达载体及CAR表达T细胞 CN - 29.08.2017

国际分类 C12N 15/63 申请号 112015000053922 申请人 UNIV YAMAGUCHI 发明人 TAMADA KOJI

本发明的课题在于，提供在T细胞中既表达嵌合抗原受体[CAR]并且还表达T细胞的免疫功能促进因子的CAR表达T细胞、用于制备所述CAR表达T细胞的CAR表达载体，所述CAR表达T细胞的免疫诱导效果和抗肿瘤活性高。本发明中，制造了下述CAR表达载体和导入了所述CAR表达载体的CAR表达T细胞，所述CAR表达载体含有编码嵌合抗原受体[CAR]的核酸及编码T细胞的免疫功能促进因子的核酸，其中，所述编码免疫功能促进因子的核酸为：编码白细胞介素7的核酸及编码CCL19的核酸、编码针对SHP-1的显性负性突变体的核酸、或编码针对SHP-2的显性负性突变体的核酸。

2. **107708710** SMART CAR装置,DE CAR多肽,SIDE CAR及其使用 CN - 16.02.2018

国际分类 A61K 35/17 申请号 201680024848.5 申请人 CHIMERA BIOENGINEERING INC. 发明人 WANG BENJAMIN

本发明总体上涉及真核细胞中与嵌合抗原受体[CAR]结合的RNA控制装置[元件]和/或去稳定元件[DE]的领域。本发明还涉及真核细胞中的分裂CAR[Side-CAR]。更具体地说，本发明涉及与嵌合抗原受体结合以制备小分子致动CAR多肽的DE、RNA控制装置[元件]和/或Side-CAR。本发明还涉及用于疾病治疗的DE-CAR、Smart-CAR[Smart = 小分子致动RNA触发器]、Smart-DE-CAR和/或Side-CAR。

3. **115044617** CAR T细胞的制备方法、CAR T细胞及其应用 CN - 13.09.2022

国际分类 C12N 15/867 申请号 202110249691.9 申请人 HEBEI SENLANG BIOTECHNOLOGY CO., LTD. 发明人 LI JIANQIANG

本发明公开了一种CAR T细胞的制备方法、CAR T细胞及其应用。该CAR T细胞的制备方法包括：将CAR基因导入外周血来源的T细胞，获得重组细胞；培养所述重组细胞3-12天，获得所述CAR T细胞；所述CAR基因编码特异性靶向CD7的CAR。该制备方法可用健康供者或者患者外周血来源的T细胞制备的CAR T细胞，不需要用额外的方法敲除内源性CD7，即可在体外扩增制备出满足患者需求的细胞量，节省了生产成本。

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您可以通过PATENTSCOPE检索11552百万专利文件，其中包含481.2百万已公布的国际专利申请（PCT）。具体信息

PCT公布11/2024（2024年3月14日）现可从这里查阅。下一次PCT公布12/2024日期为2024年3月21日 星期四。 更多信息

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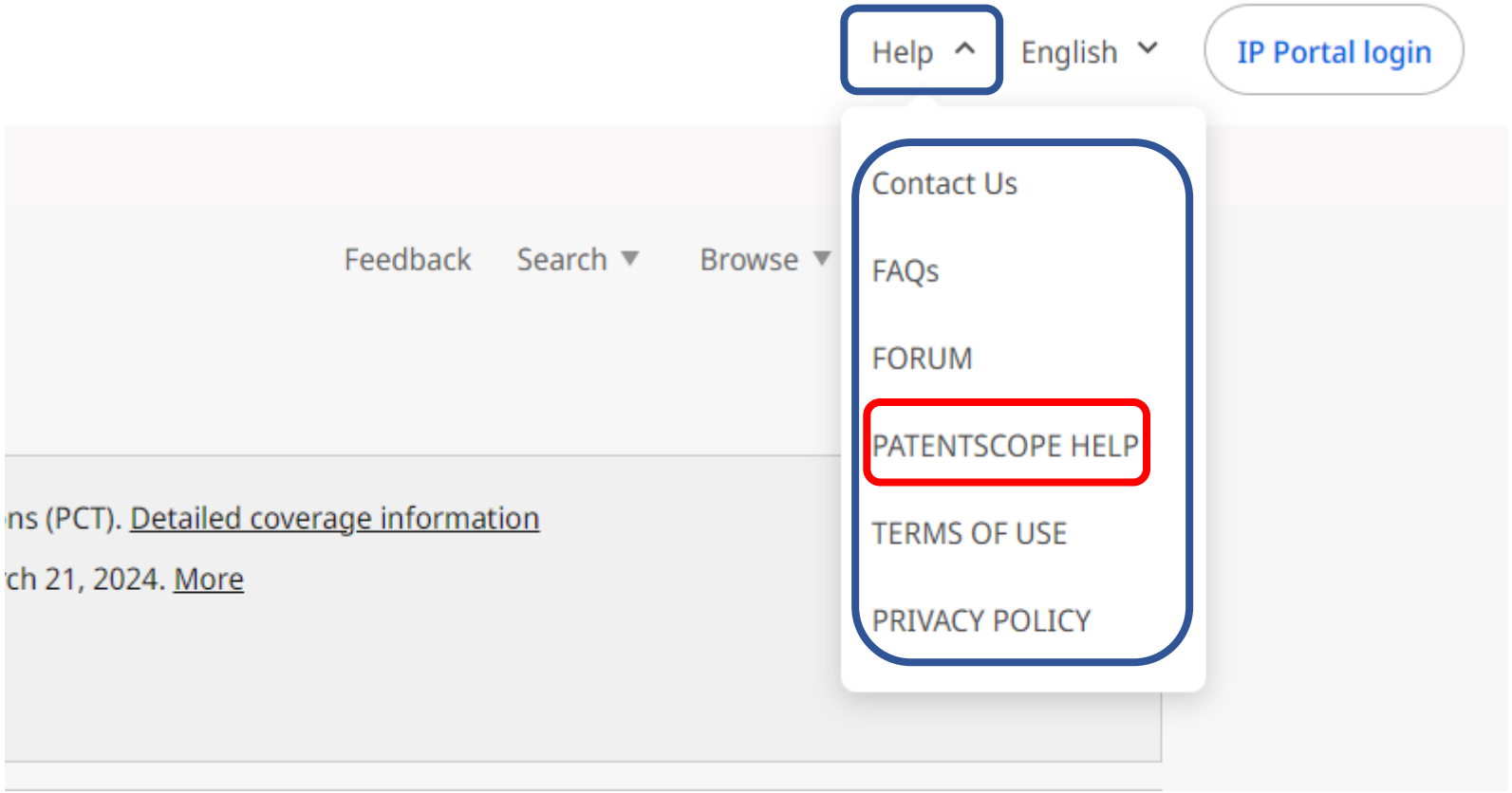
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National Collections - Data Coverage

Offices for which PCT national phase information is available

Updated: March 18, 2024

Country	Latest Biblio	Update Frequency	Biblio Data	Abstract	Chemical Data	Chemical indexed	Doc images	OCR [full-text] Indexed	Nb records
PCT	18.03.2024	Daily	19.10.1978 - 14.03.2024	19.10.1978 - 14.03.2024	11.01.1979 - 07.03.2024	999,627	4,811,801	**Total: 4,811,008** Arabic: 223 German: 446,050 English: 2,642,233 Spanish: 31,541 French: 151,335 Japanese: 811,128 Korean: 179,948 Portuguese: 6,687 Russian: 23,460 Chinese: 518,403	4,811,801
African Regional Intellectual Property Organization (ARIPO)	29.01.2024		03.07.1985 - 27.10.2023	03.07.1985 - 27.10.2023			1,676	**Total: 1,671** English: 1,671	4,662
Argentina	05.02.2024	Monthly	11.02.1965 - 31.01.2024	31.10.1990 - 31.01.2024			10,686	**Total: 32,925** Spanish: 32,925	177,999
Australia	11.03.2024	Weekly	14.01.1900 - 14.03.2024	08.01.1981 - 14.03.2024				**Total: 765,689** English: 765,689	1,884,662

PCT: 4,811,801
Offices: 110,703,341
Overall: 115,515,142

Non-Patent Literature - Data Coverage

Updated: March 19, 2024

Publisher	Biblio Data with searchable full-text	Nb records
IEEE	01.01.1892 - 01.03.2024	4,981,454
MDPI	13.02.1998 - 23.10.2023	584,390
nature	01.11.1975 - 01.12.2023	145,892
wikipedia	29.01.2001 - 19.02.2021	62,083

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PATENTSCOPE PRACTICAL EXERCISES

This query `EN_AB:(electri* OR electrica* OR electrici* OR support* OR stand* or carry* OR foundat* OR electron*)` cannot be run in PATENTSCOPE why?

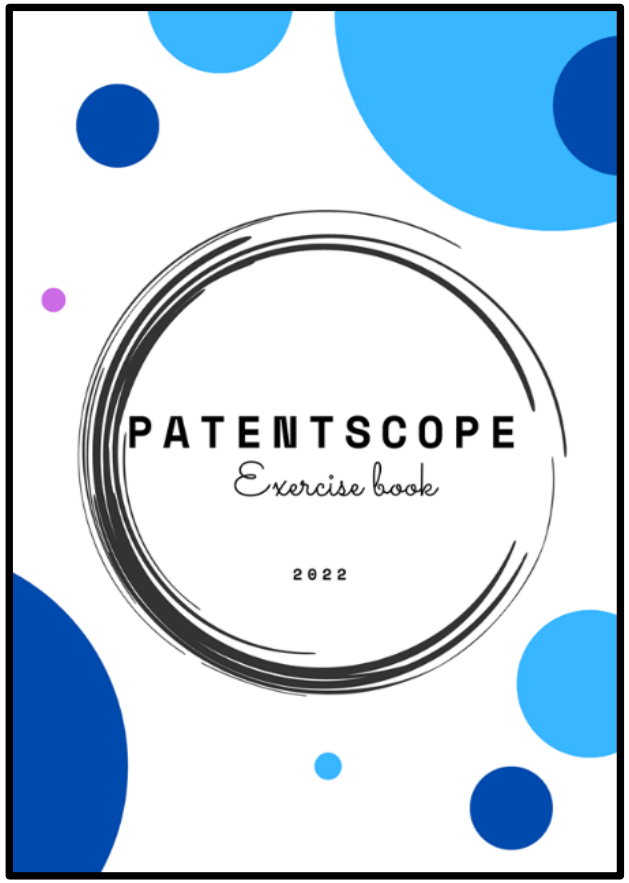
- ○ The use of the operator OR is incorrect
- ○ The use of the parentheses is incorrect
- ○ There are too many wildcards

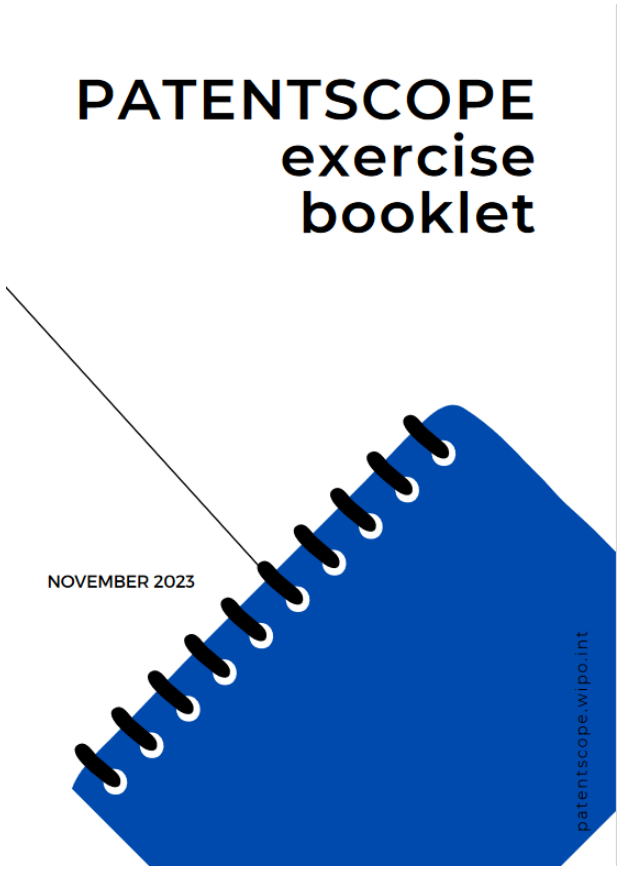
Which query will return results for the search term solar or the combination of search terms wind/turbine in the English description?

- ○ `EN_DE:(solar OR (wind AND turbine))`
- ○ `EN_DE:(solar OR (wind AND turbine)`
- ○ `EN_DE:(solar OR ((wind AND turbine))`

Practical exercises: booklets

wipo.int/patentscope/en





Solutions

I. OPERATOR EXERCISES

1. B
   A query with the operator OR will return documents having the keyword tennis or the keyword ball or both keywords.
2. AND; OR; ANDNOT; NOT; BEFORE; NEAR
3. No: query A will return documents having both keyword electric and bicycle with no more than 9 words between them and query B will return documents having the keyword electric before bicycle with no more than 9 words between the 2 keywords. In query B the order of words is taken into account whereas in query A the order is not relevant.
4. To search for an exact term or phrase, use quotation marks.
5. The operator NEAR allow to make sure that 2 keywords or more are close to each other in the result list. If no number is specified after near, the default maximum number of words is 5, the equivalent of NEAR5.
6. Query A as the operator NEAR makes sure that the 2 keywords appear close to each other, in this case no more than 4 words in between the 2 keywords.
7. Documents about microwave ovens will not be included.

II. FIELD EXERCISES

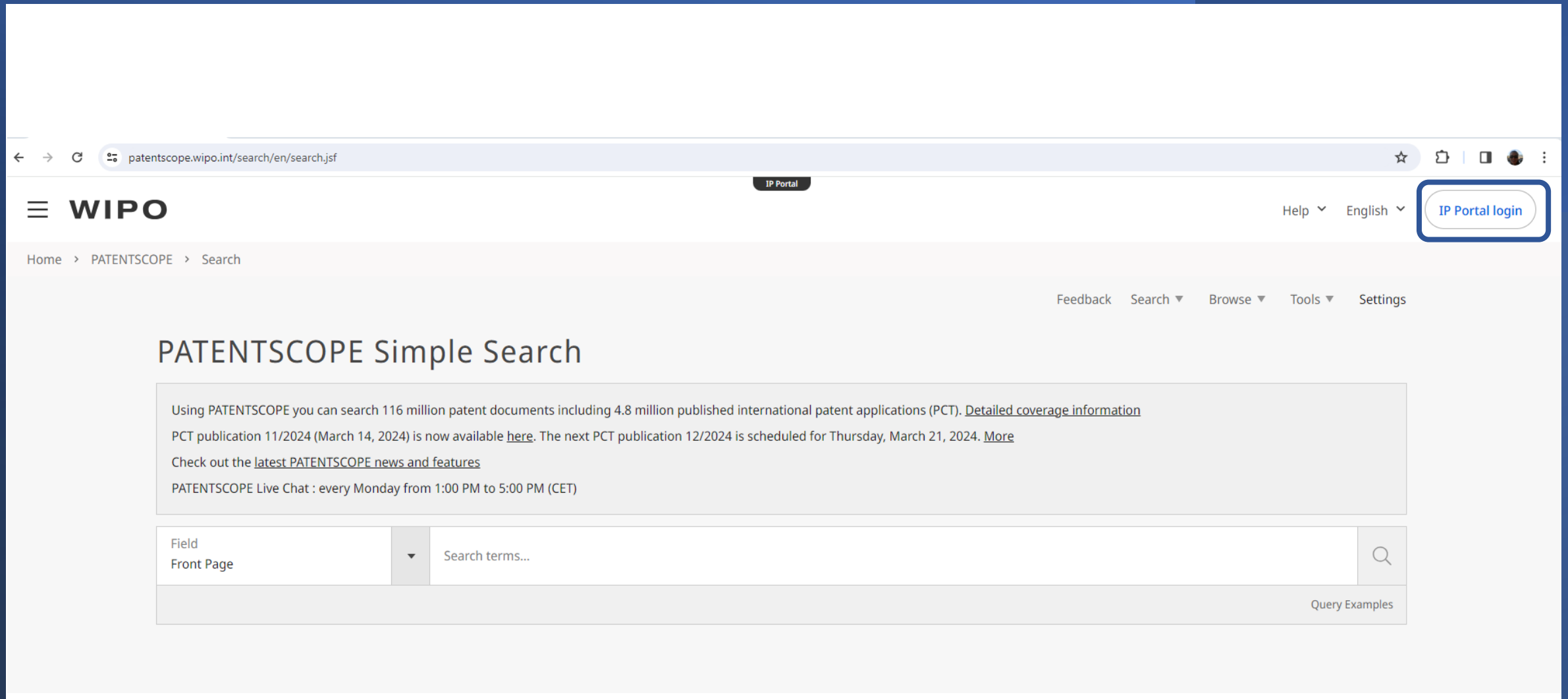
1.
   a. retrieve documents in Japanese: **JA** (JA_AB; JA_TI...)
   b. search information in all the parts of Chinese documents: **ZH_ALL**
   c. look for a precise IPC code: **IC_EX**
   d. look for an applicant: **PAA** (all data); **PA** (name)
   e. retrieve information in the Spanish claims: **ES_CL**
   f. search for all the information related to national phase entry data: **NPA**
   g. search information in the text in French: **FR_ALLTXT**
   h. retrieve latest kind codes: **DTY**

2.
   a. The field **IC** and the field **IC_EX**?
   IC = International Patent Classification including sub-groups
   IC_EX = Specific international Patent Classification

   b. The field **EN_ALL** and the field **EN_ALLTXT**
   EN_ALL = English All → all parts in English including Applicant, Inventors etc.
   EN_ALLTXT = English All Text → English text parts of the document such as description, claim, abstract

   c. The columns **Countries** and **Offices** in the Analysis in the result list
   Countries = national collections
   Offices = national collections + PCT applications entering into national phase in those countries

3. NPCC:CN AND NPED:CN-2020*
4. IC:(C10L1/00) AND PCN:DE
5. ISA:US
6. AN:PL2019*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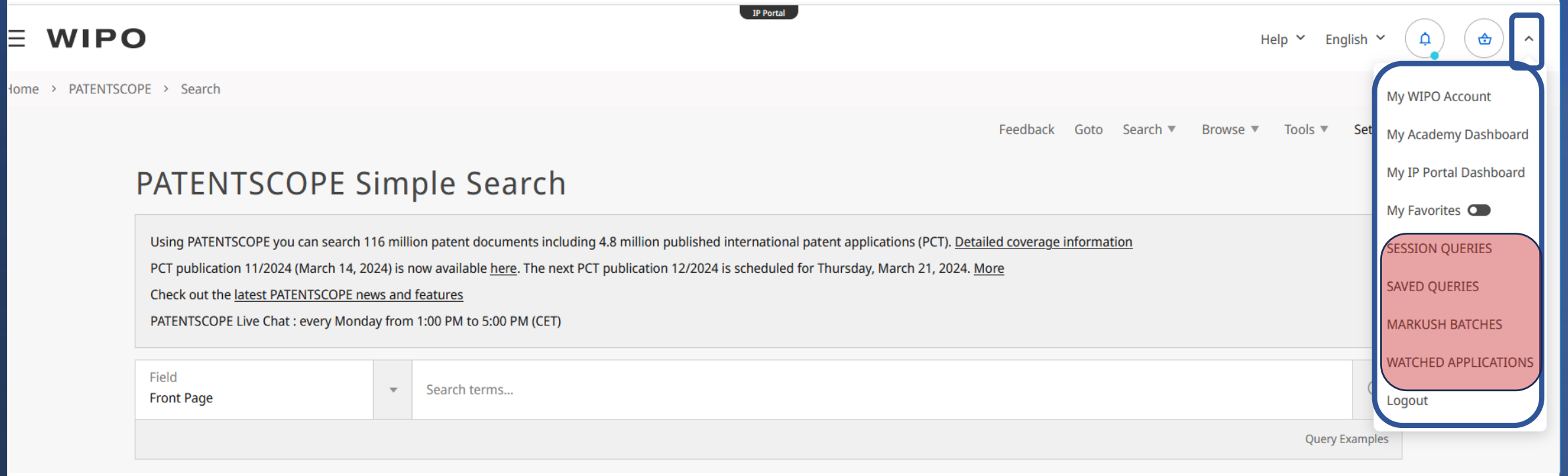
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1. WO2024054811 - COMBINATION THERAPIES INCLUDING METAL CHANNEL ACTIVATORS

Publication Number
WO/2024/054811

Publication Date
14.03.2024

International Application No.
PCT/US2023/073504

International Filing Date
06.09.2023

IPC
C07D 235/30 2006.1 | A61K 31/4168 2006.1 | A61P 25/24 2006.1

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DWORETZKI, Steven I.

Title
[EN] COMBINATION THERAPIES INCLUDING METAL CHANNEL ACTIVATORS
[FR] POLYTHÉRAPIES COMPRENANT DES ACTIVATEURS DE CANAUX MÉTALLIQUES

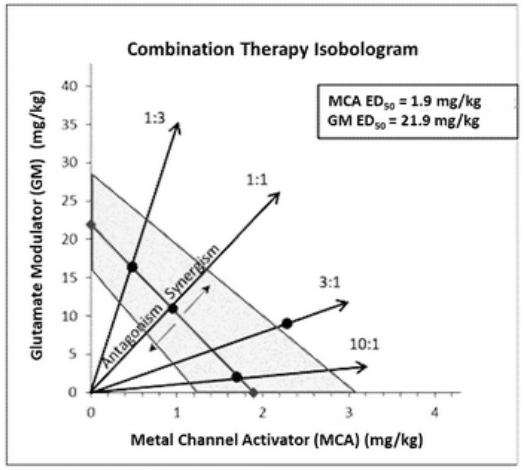

FIG. 3

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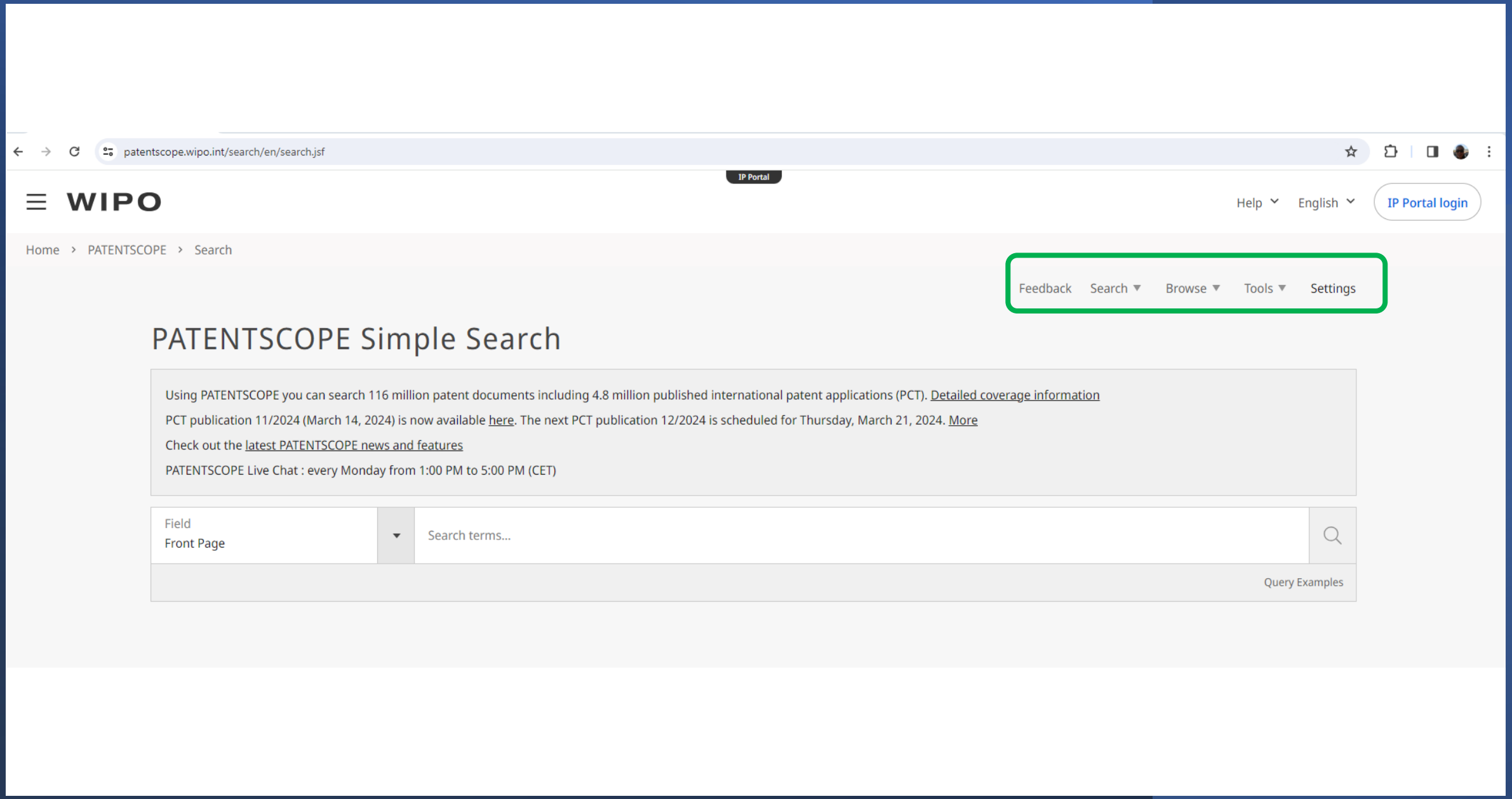
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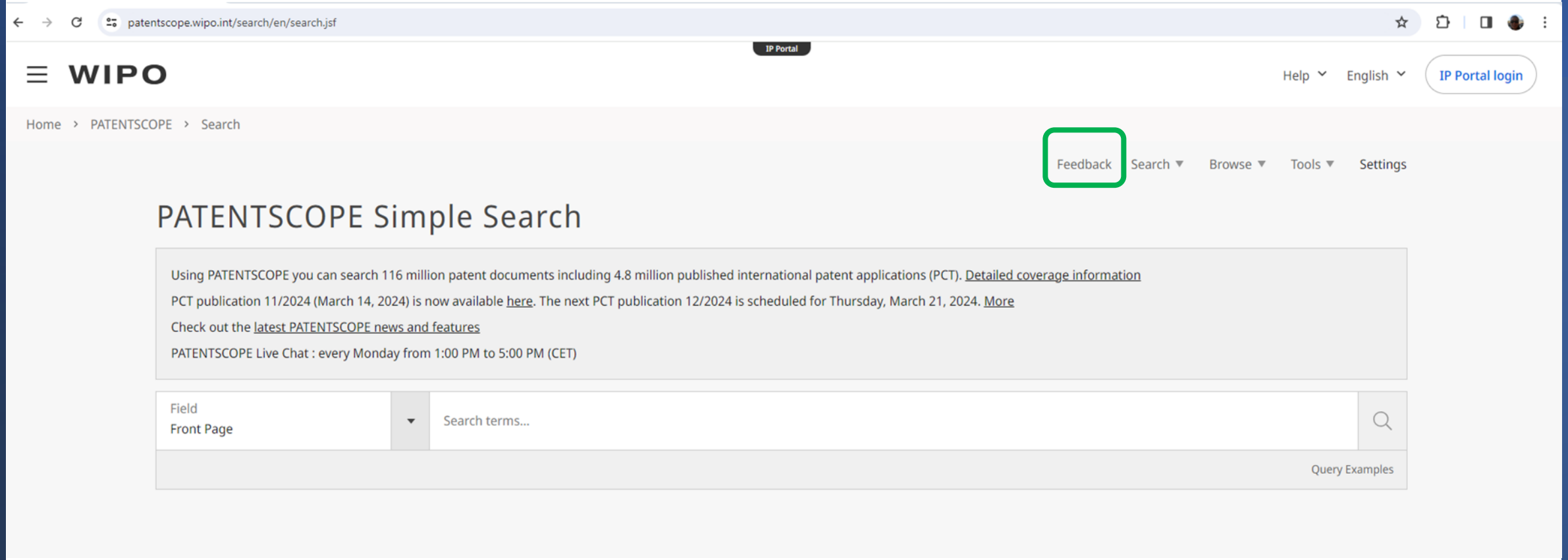
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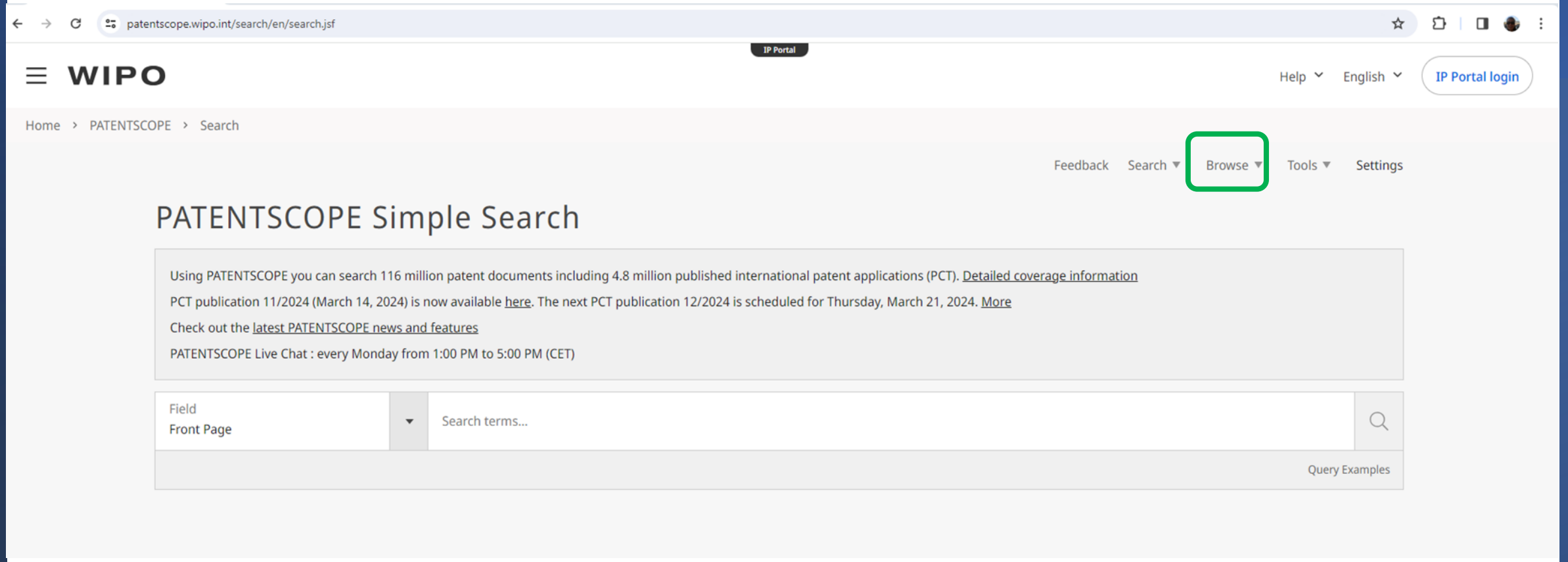
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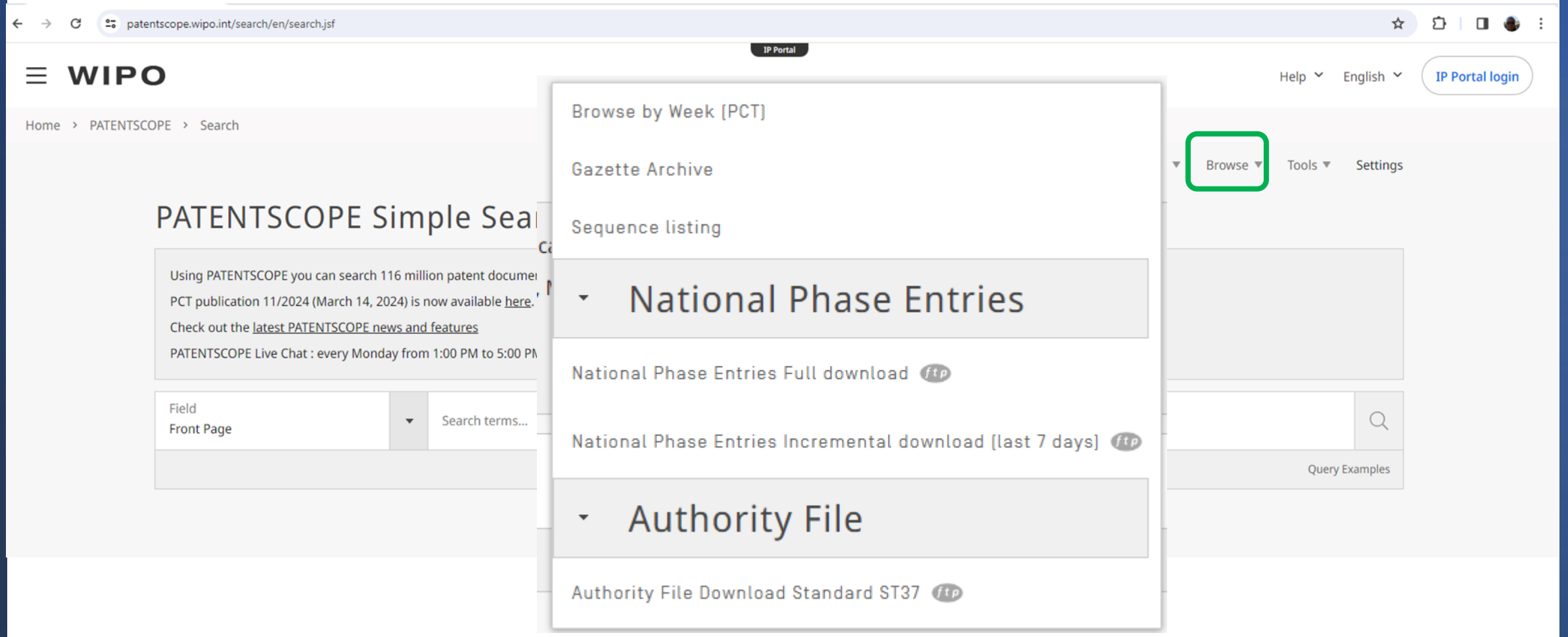
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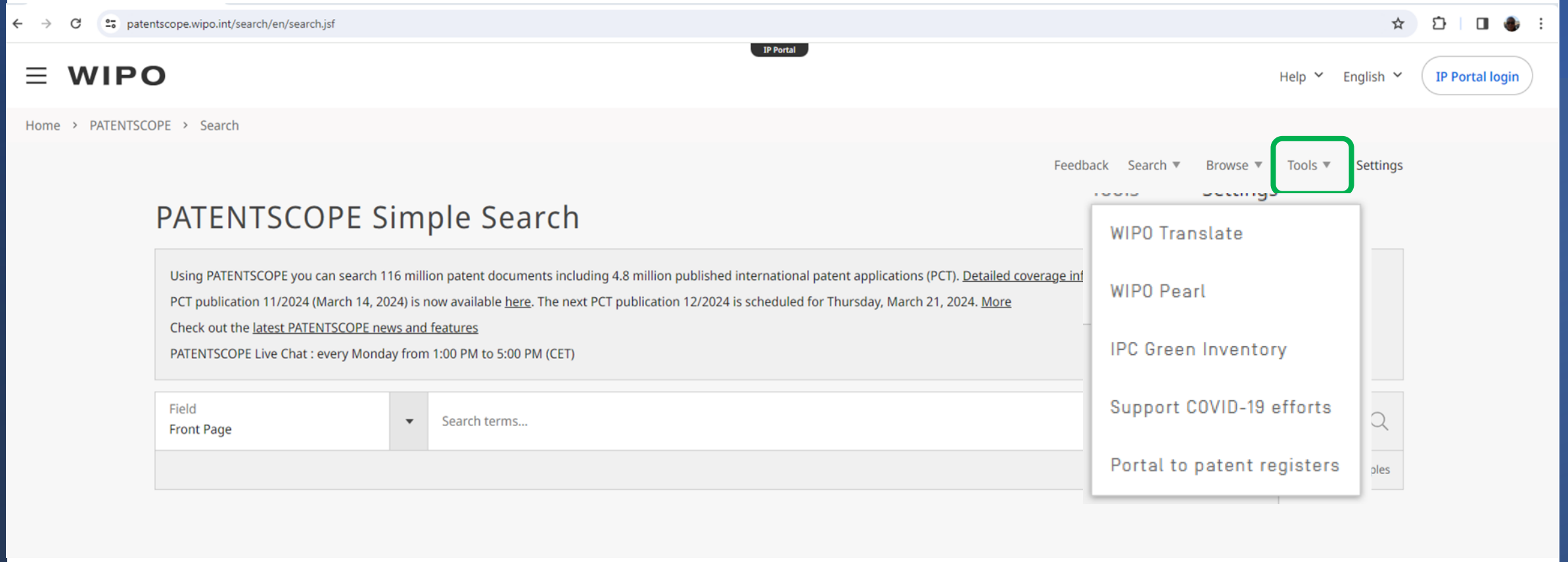
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The present invention relates to a PVC plastisol composition comprising: at least one vinyl chloride polymer selected from polyvinyl chloride and a copolymer of vinyl chloride and one or more monomers; at least one plasticizer; at least one epoxy resin; and at least one isocyanate resin blocked with cardanol. The PVC-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°C -200°C and is unique in storage stability. Additionally, it provides excellent

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the pvc-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short **period of** time at 100°c -200°c and is unique in storage stability

the pvc **p**lastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°c -200°c and is unique in storage stability

the pvc **plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short period of** time at 100°c -200°c and is unique in storage stability

the pvc-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoa**t b**y heat treatment for a short time at 100°c -200°c and is unique in storage stability

the pvc-plastisol composition of the present invention provides strong adhesion to **the** surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°c -200°c and is unique in storage stability

the pvc-plastisol composition of the present invention provides strong adhesion to **the surface** of various metals or various metal undercoats by heat treatment for a short time at 100°c -200°c and is unique in storage stability

the pvc-**based** plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°c -200°c and is unique in storage stability

the pvc-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°c -200° c**()** and is unique in storage stability

the pvc-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short **period of time at 100°c -200° c,** and is unique in storage stability

the pvc-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100 **℃ -200 ℃,** and is unique in storage stability

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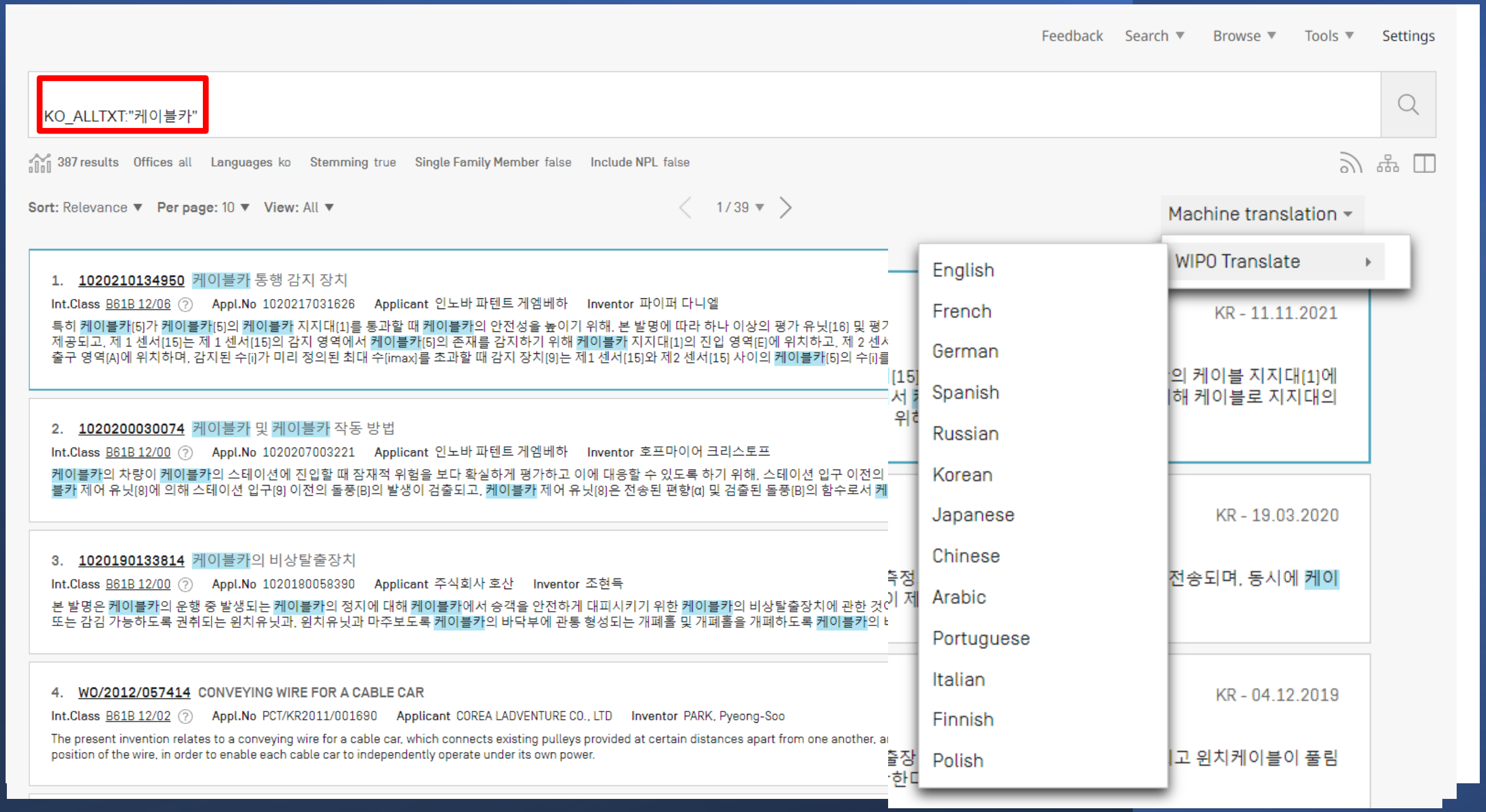
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1. 1020210134950 케이블카 통행 감지 장치
Int.Class B61B 12/06
Appl.No 1020217031626
Applicant 인노바 파텐트 게엠베하
Inventor 파이퍼 다니엘
KR - 11.11.2021
2. 1020200030074 케이블카 및 케이블카 작동 방법
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Appl.No 1020207003221
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Inventor 호프마이어 크리스토프
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Appl.No 1020180058390
Applicant 주식회사 호산
Inventor 조현득
4. WO/2012/057414 CONVEYING WIRE FOR A CABLE CAR
Int.Class B61B 12/02
Appl.No PCT/KR2011/001690
Applicant COREA LADVENTURE CO., LTD
Inventor PARK, Pyeong-Soo
KR - 04.12.2019
The present invention relates to a conveying wire for a cable car, which connects existing pulleys provided at certain distances apart from one another, a
position of the wire, in order to enable each cable car to independently operate under its own power.

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1. **1020210134950** APPARATUS FOR DETECTING TRAFFIC OF CABLE CAR — KR - 11.11.2021

Int.Class B61B 12/06 Appl.No 1020217031626 Applicant 인노바 파텐트 게엠베하 Inventor 파이퍼 다니엘

In particular, a detection device (9) having two or more sensors (15) connected to at least one evaluation unit (16) and an evaluation unit (16) is provided to at least one cable support (1) in order to increase the safety of the cable car when the cable car (5) passes through the cable car support (1) of the cable car (5) The first sensor (15) is located in an entry area (E) of the cable car support (1) in order to detect the presence of the cable car (5) in the detection area of the first sensor (15), The second sensor (15) is located in the outlet area (A) of the support with a cable for sensing the presence of the cable car (5) in the sensing area of the second sensor (15), and the sensing device (9) senses the number (I) of the cable car (5) between the first sensor (15) and the second sensor (15) and generates a fault signal (F_∞) when the sensed number (I) exceeds a predefined maximum number (Imax).

2. **1020200030074** CABLE CAR AND METHOD FOR OPERATING CABLE CAR — KR - 19.03.2020

Int.Class B61B 12/00 Appl.No 1020207003221 Applicant 인노바 파텐트 게엠베하 Inventor 호프마이어 크리스토프

The deflection of the vehicle (4) prior to the station inlet is measured by the sensor (12) and transmitted to the cable car control unit (8) in order to allow the vehicle of the cable car to more reliably evaluate and respond to the potential risk when entering the station of the cable car, A cable car control unit (8) is provided for controlling the cable car drive (7) as a function of the transmitted deflection (alpha) and the detected wind (B).

3. **1020190133814** EMERGENCY ESCAPE APPARATUS OF CABLE CAR — KR - 04.12.2019

Int.Class B61B 12/00 Appl.No 1020180058390 Applicant 주식회사 호산 Inventor 조현득

The present invention relates to an emergency escape apparatus of a cable car to safely evacuate a passenger from a cable car with respect to the stop of a cable car generated during the operation of the cable car. To this end, the emergency escape device of the cable car comprises: a winch unit which is provided on the ceiling portion of the cable car and is wound such that the winch cable can be unwound or wound; an opening and closing hole formed through the bottom portion of the cable car to face the winch unit; and a bottom lid coupled to the bottom portion of the cable car to open and close the opening and closing hole.

4. **WO/2012/057414** CONVEYING WIRE FOR A CABLE CAR — WO - 03.05.2012

1. KR1020210134950 - 케이블카 통행 감지 장치

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

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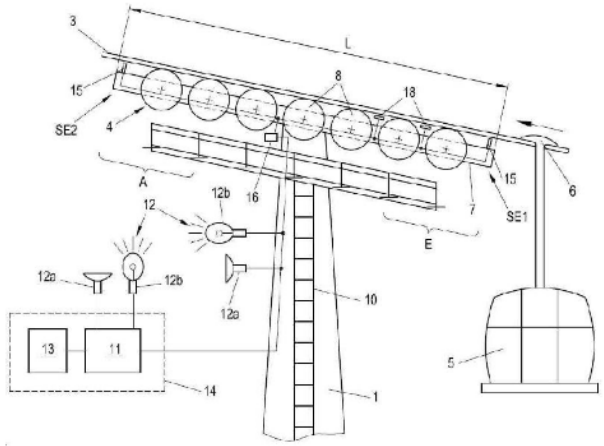
Priority Data
A50200/2019 11.03.2019 AT

Title
(KO) 케이블카 통행 감지 장치



Abstract
(KO) 특히 케이블카(5)가 케이블카(5)의 케이블카 지지대(1)를 통과할 때 케이블카의 안전성을 높이기 위해, 본 발명에 따라 하나 이상의 평가 유닛(16) 및 평가 유닛(16)에 연결된 둘 이상의 센서(15)를 갖는 검출 장치(9)가 하나 이상의 케이블 지지대(1)에 제공되고, 제 1 센서(15)는 제 1 센서(15)의 감지 영역에서 케이블카(5)의 존재를 감지하기 위해 케이블카 지지대(1)의 진입 영역(E)에 위치하고, 제 2 센서(15)는 제2 센서(15)의 감지 영역에서 케이블카(5)의 존재를 감지하기 위해 케이블로 지지대의 출구 영역(A)에 위치하며, 감지된 수(i)가 미리 정의된 최대 수(imax)를 초과할 때 감지 장치(9)는 제1 센서(15)와 제2 센서(15) 사이의 케이블카(5)의 수(i)를 감지하고 고장 신호(F)를 생성하기 위해 제공된다.

Related patent documents
AT522187 | WO/2020/182791 | AU2020235798 | CA3133135 | CN113631456 | EP3914497 | RU0002765526 | JP2022524539 | US20220169290 | ES2952070 | MX2021011049 | NZ780083 | CO2021012320

1. KR1020210134950 - 케이블카 통행 감지 장치

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

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[KO]

케이블카 통행 감지 장치

기 술 분 야

_본 발명은 적어도 하나의 케이블카가 적어도 하나의 컨베이어 케이블 상에서 이동될 수 있는 2개의 단부 스테이션과 적어도 하나의 컨베이어 케이블을 안내하기 위해 단부 스테이션 사이에 배열된 적어도 하나의 케이블카 지지부를 갖는 케이블카에 관한 것으로, 여기서 케이블카는 지지부는 2개의 대향하는 지지 단부 사이의 케이블카 지지 길이에 걸쳐 컨베이어 케이블의 길이 방향으로 연장되며, 여기서 제 1 지지 단부의 영역에는 케이블카가 케이블카 지지부 및 해당 영역에 진입하기 위해 제공된다. 지지부의 제 2 끝의 출구 영역은 케이블카 지지부에서 케이블카의 출구를 위해 제공된다. 본 발명은 또한 케이블카의 통과를 감지하기 위해 두 개의 대향하는 지지 단부 사이의 케이블카 지지 길이에 걸쳐 케이블카 지지부에 안내된 컨베이어 케이블의 길이 방향으로 연장되는 케이블카의 케이블카 지지부용 감지 장치에 관한 것이다. 및 2개의 대향하는 지지 단부 사이의 케이블카 지지 길이에 걸쳐 케이블카 지지부 상에 안내된 컨베이어 케이블의 길이 방향으로 연장하는 케이블카의 케이블카 지지부 상의 케이블카의 통과를 검출하기 위한 방법으로서, 적어도 하나의 케이블카는 케이블카 지지부 위로 컨베이어 케이블로 이동된다.

_케이블카는 다양한 디자인으로 제공되며, 주로 사람 및/또는 상품을 수송하기 위해, 예를 들어 도시 교통 수단으로 또는 스키장에서 사람을 수송하기 위해 사용된다. 대부분의 철도 차량이 와이어 케이블에 의해 당겨지도록 와이어 케이블에 고정되는 케이블카가 알려져 있다. 이동은 지상에서 이루어지며 케이블카는 주로 산길이나 도시 지역에서 사용된다. 반면에 공중케이블카의 경우 곤돌라, 캐빈, 의자 등의 케이블카는 고정된 가이드 없이 하나 이상의 (와이어) 케이블로 운반되어 공중에 매달린 채 이동된다. 따라서 케이블카는 지면과 접촉하지 않는다. 공중 케이블카는 일반적으로 계곡에서 산으로 사람들을 운송하기 위해 스키 지역과 같은 산악 루트에 주로 사용되지만 도시 지역에서는 사람들을 운송하기 위해 일반적으로 거친 지형에서 사용된다. 일반적으로 케이블카에는 케이블카가 이동하는 2개 이상의 역이 있다.

_순환 케이블카와 공중 케이블카를 구분해야 한다. 공중 케이블카의 경우 견인 케이블에 의해 당겨진 한두 대의 케이블카가 두 역 사이의 경로에 있는 컨베이어 케이블이나 레일을 따라 왕복 운행한다. 반면 순환 케이블카는 역 사이를 끊임없이 순환하는 무한 컨베이어 케이블카 곤돌라나 의자 등 다수의 케이블카가 매달려 있다. 케이블카는 한쪽 스테이션에서 다른 스테이션으로 이동하고 반대쪽에서 다시 이동한다. 따라서 케이블카의 이동은 연속 컨베이어와 유사하게 항상 한 방향으로 실질적으로 연속적이다.

_더 먼 거리를 연결하기 위해 (운반/견인) 케이블을 안내하기 위한 하나 이상의 케이블카 지지부가 일반적으로 두 스테이션 사이에 배치된다. 케이블카 지지부는 철골 구조로 설계될 수 있지만 강철 튜브 또는 판금 상자 구조로도 설계할 수 있다. 예를 들어, 소위 롤러 세트 형태의 복수의 롤러는 일반적으로 케이블을 운반하고 안내하기 위해 케이블 지지부에 배열된다. 순환 케이블카의 경우 케이블카는 일반적으로 서로 정의된 거리에서 컨베이어 케이블에 고정된다. 컨베이어 케이블과 케이블카 지지부가 가능한 한 고르게 적재되도록 하기 위해 케이블카에 있는 많은 수의 케이블카 사이의 거리는 일반적으로 동일하다. 물론 케이블카 사이의 거리는 케이블카의 구체적인 설계에 따라 달라질 수 있다. 예를 들어, 체어리프트의 의자 사이의 거리는 곤돌라 케이블카 등의 곤돌라 사이의 거리보다 작을 것이다.

배경기술

_현대식 순환 케이블카에서 케이블카는 일반적으로 컨베이어 케이블에 영구적으로 연결되지 않고 개방 가능한 케이블 클램프를 통해 연결된다. 결과적으로 스테이션에서 케이블카는 컨베이어 케이블에서 분리되어 컨베이어 케이블의 속도보다 낮은 속도로 스테이션을 통해 이동할 수 있다. 특히 승객을 수송할 때 승하차 시간이 더 많아져 승객의 편안함과 안전성이 높아진다. 역에서 나올 때 케이블카는 케이블 클램프를 사용하여 컨베이어 케이블에 다시 고정된다. 케이블카는 바람직하게는 급격한 가속 및 충격 부하를 피하기 위해 순환 컨베이어 케이블의 속도로 다시 가속된다. 더 큰 운송 능력과 더 짧은 운송 시간을 향한 발전으로 인해 케이블카의 크기와 용량 외에도 최근 몇 년 동안 컨베이어 케이블의 운송 속도도 증가했다. 케이블카가 스테이션에서 분리되고 운송 속도가 계속 증가한다는 사실은 개별 케이블카 사이의 거리를 설정할 때도 당연히 고려해야 한다. 케이블카가 컨베이어 케이블에 단단히 고정된 케이블카도 있다.


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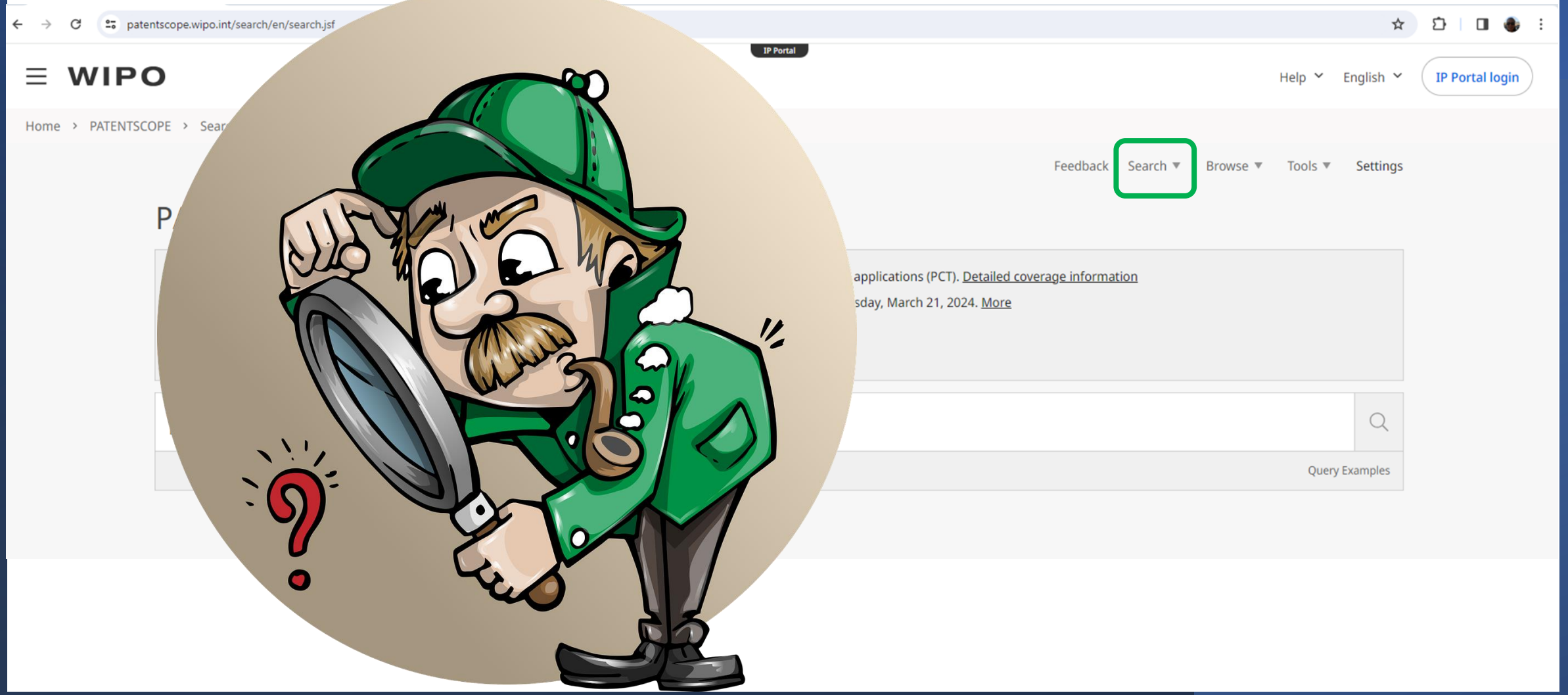
▶ NUCLEAR POWER GENERATION		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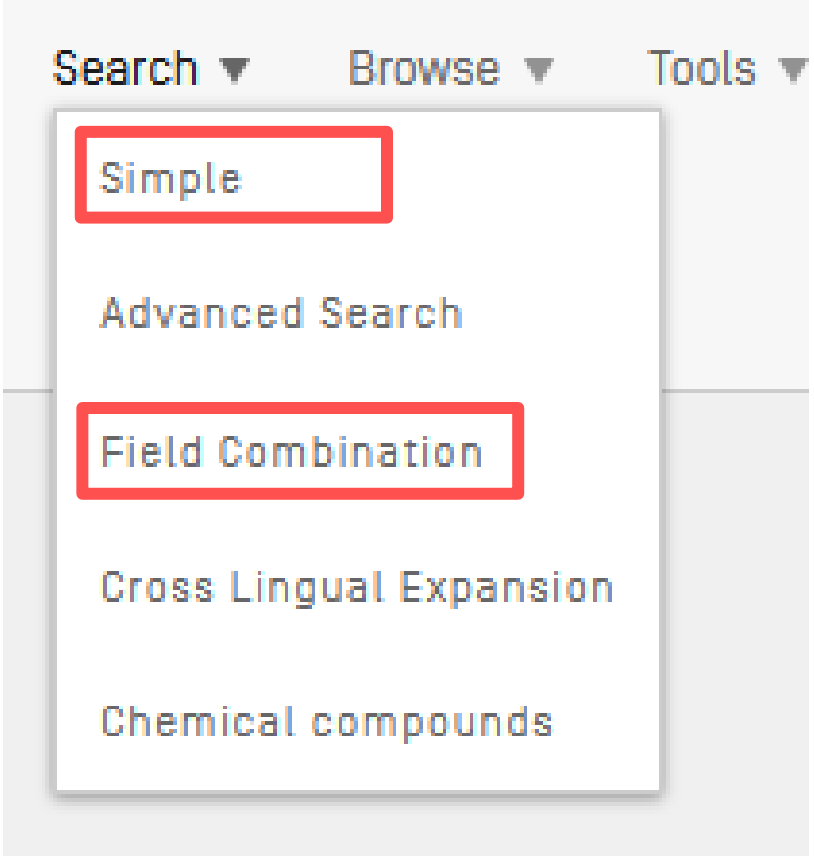
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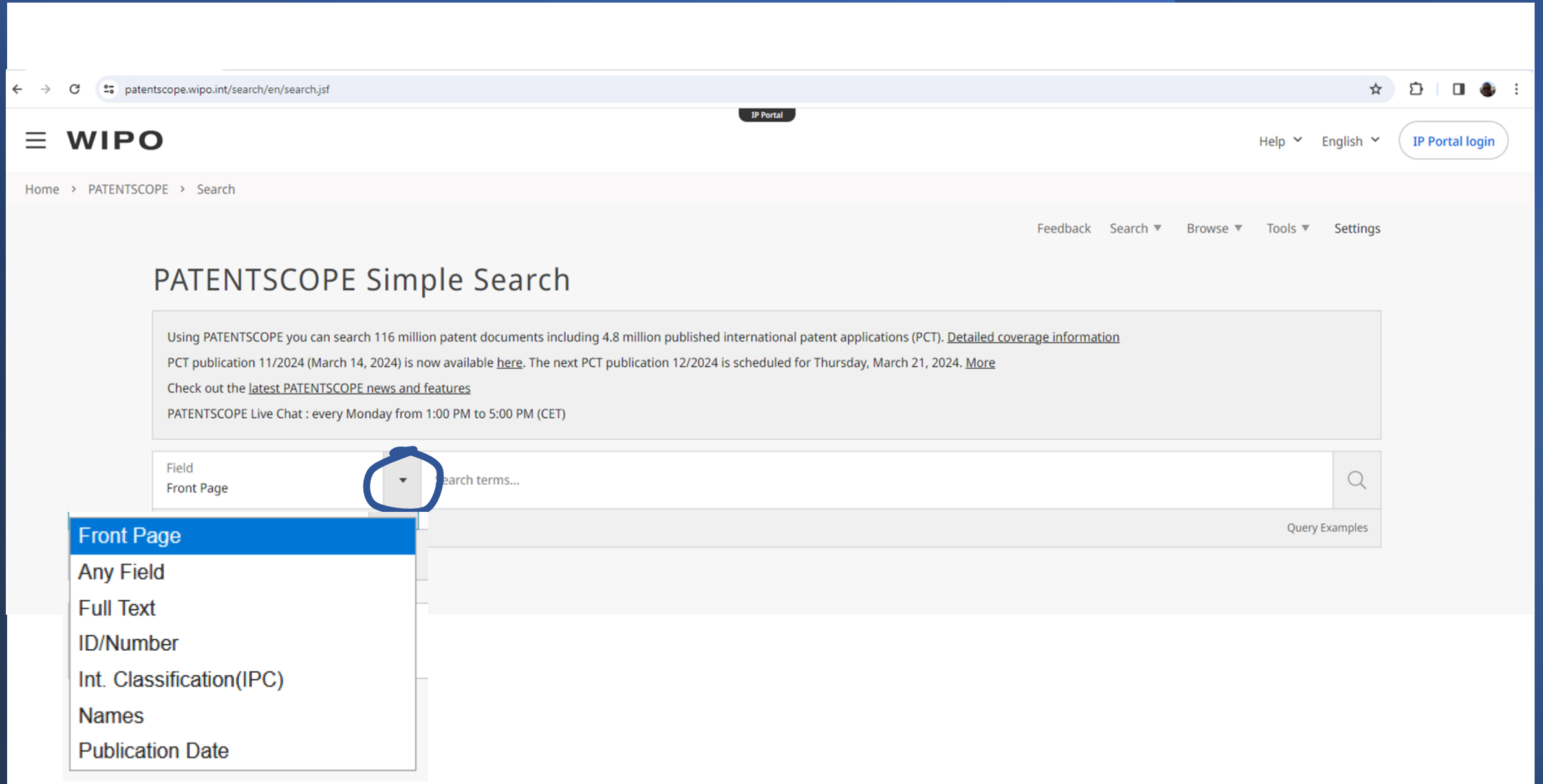
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English (EN)

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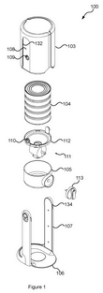
Title
[EN] A MEASURED POWDER DISPENSER
[FR] DISTRIBUTEUR DE POUDRE MESURÉE



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

说明书

发明名称：一种样本光学检测装置

技术领域

技术领域

[0001] 本发明涉及一种样本光学检测装置。

背景技术

背景技术

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

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

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

发明概述

技术问题

[0005] 本发明主要提供一种样本光学检测装置，下面说明。

技术解决方案

[0006] 一实施例的样本光学检测装置，包括：

[0007] 流动室，用于供待测样本中的细胞逐个通过；

[0008] 光源，用于照射通过所述流动室的细胞；

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AAD	Applicant Address	AAD:(London)	text	false	✔	✔	
AADC	Applicant Address Country	AADC:(US)	string	false	✔	✔	
AD	Application Date	AD:(2010) AD:(201007) AD:(20100715) AD:([01.01.2000 TO 01.01.2005])	date	false	✔	✔	
ALLNUM	All Numbers and IDs	The entered value is searched against the application number, the PCT publication number, the national publication number and the priority number ALLNUM:(US200500*) ALLNUM:(23412 CU) ALLNUM:(2007 8603 MX)	string	false	✔	✔	✔
AN	Application Number	Application number with or without the country code, in various forms. AN:(US2000*)	string	false	✔	✔	

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microchip

Query Examples

4. **WO/2016/004446** MICROCHIP LASER — WO - 14.01.2016

Int.Class H01S 3/06 **Appl.No** PCT/AT2015/000090 **Applicant** KOPF, Daniel **Inventor** KOPF, Daniel

The invention relates to a microchip laser comprising a monolithic resonator (1) which has a birefringent laser crystal (2), wherein a laser beam (9) decoupled from the resonator, (1) which has a laser wavelength, exits the resonator (1) along a laser beam axis (12) and the length (L) of the resonator (1) is less than 150 μm based on the direction of the laser beam axis (12). The laser crystal (2) has a thickness (D) based on the direction of the laser beam axis (12) such that, in the case of a light beam (16) having the laser wavelength occurring in the direction of the laser beam axis (12) being incident on the laser crystal (2) between the ordinary and extraordinary beam (17, 19), in which the light beam (16) is divided in the laser crystal (2), a phase shift in the range of TT/2 +/- π/4 occurs in a single pass through the laser crystal (2).

5. **3189374** A RESONANT-MICROCHIP-CAVITY-BASED SYSTEM FOR GENERATING A LASER BEAM VIA A NON-LINEAR EFFECT — EP - 12.07.2017

Int.Class G02F 1/35 **Appl.No** 15759675 **Applicant** OXXIUS **Inventor** GEORGES THIERRY

The invention relates to a system for generating a laser beam via non-linear effects, comprising: a monofrequency continuous-wave laser source; and an external resonant cavity referred to as a microchip cavity. According to the invention, the microchip cavity is composite insofar as it is a unitary assembly of a plurality of materials comprising: at least one nonlinear crystal (5); an entrance mirror (4a); a concave mirror (6a) deposited on a material (6) fixed to the nonlinear crystal - the material on which the concave mirror is deposited is different from the constituent material of the nonlinear crystal; a first thermoelectric module (P2) for controlling the temperature of the nonlinear crystal; and at least one second thermoelectric module (P1) for controlling at least the temperature of the material on which the concave mirror is deposited.

6. **WO/2016/034416** A RESONANT-MICROCHIP-CAVITY-BASED SYSTEM FOR GENERATING A LASER BEAM VIA A NON-LINEAR EFFECT — WO - 10.03.2016

Int.Class G02F 1/35 **Appl.No** PCT/EP2015/069016 **Applicant** OXXIUS **Inventor** GEORGES, Thierry

The invention relates to a system for generating a laser beam via non-linear effects, comprising: a monofrequency continuous-wave laser source; and an external resonant cavity referred to as a microchip cavity. According to the invention, the microchip cavity is composite insofar as it is a unitary assembly of a plurality of materials comprising: at least one nonlinear crystal (5); an entrance mirror (4a); a concave mirror (6a) deposited on a material (6) fixed to the nonlinear crystal - the material on which the concave mirror is deposited is different from the constituent material of the nonlinear crystal; a first thermoelectric module (P2) for controlling the temperature of the nonlinear crystal; and at least one second thermoelectric module (P1) for controlling at least the temperature of the material on which the concave mirror is deposited.

7. **2085425** MICROCHIPS Y DISPOSITIVOS DE CONTROL REMOTO QUE LOS CONTIENEN. — ES - 01.06.1996

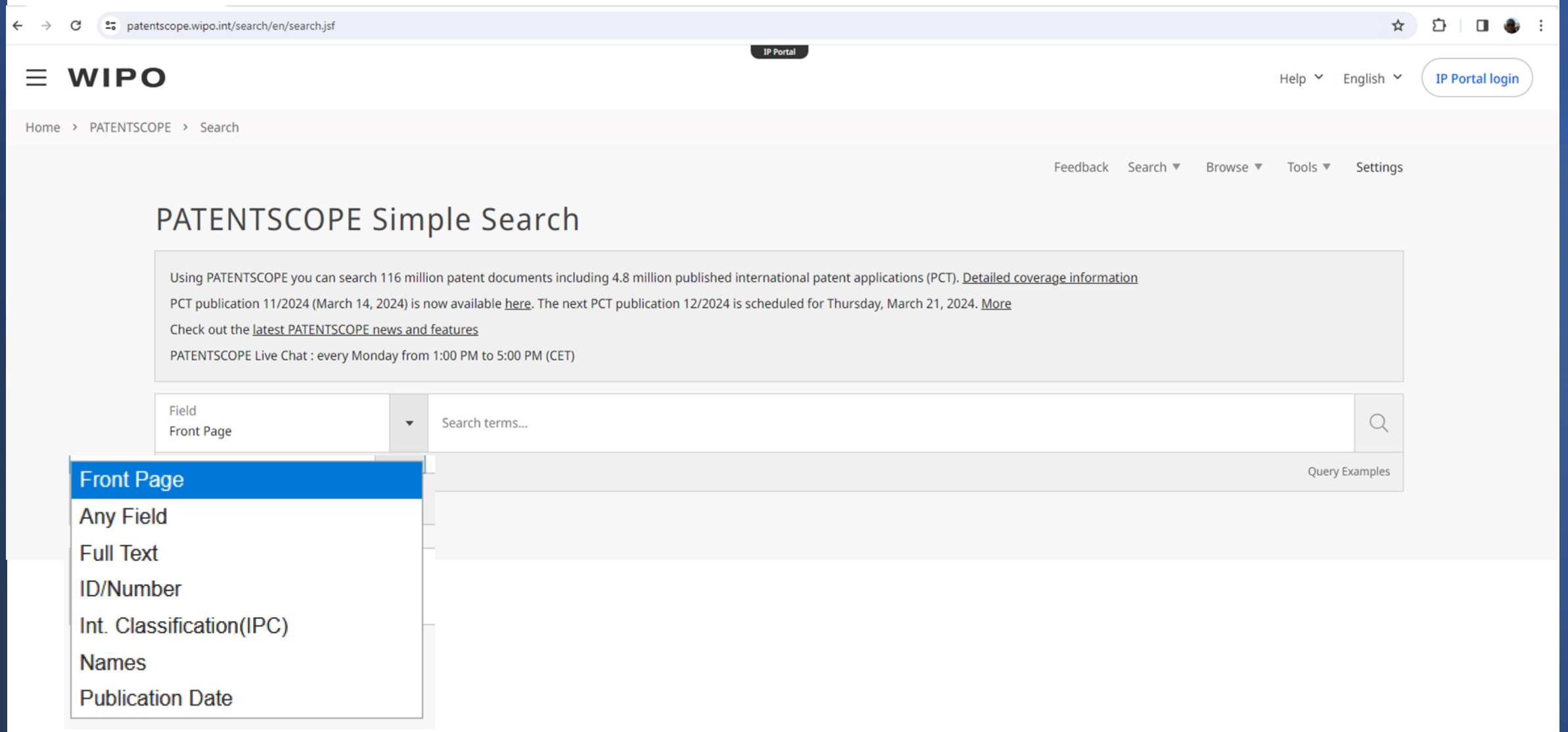
Int.Class G07F7/00 [2006.01] **Appl.No** E91304147 **Applicant** MICROCHIP TECHNOLOGY INC. **Inventor** BRUWER, FREDERICK JOHANNES,

Encoder and decoder microchips suitable for use in remote control devices, are disclosed. The encoder microchip comprises means (7) for performing an encoding function on an identification number (6) embedded in the said microchip and a combination of a unit number (CSR3,CSR2) and a stepping counter value, (CSR1,CSR0) so as to generate a transmission value which is only decodable by a related decoding function having access to the same identification number. The decoder microchip comprises means (13) for decoding the transmission value into a decoded unit number (CSR3,CSR2) and a decoded counter value (CSR1,CSR0) and means for comparing the decoded counter value with a decoder counter value range. The encoder and decoder microchips are also provided with means for synchronizing the decoder microchip with a particular encoder microchip which has generated a synchronization command.

8. **2022005206** DISPOSITIVO PARA LA ADMINISTRACION DE FARMACOS CON MICROCHIP DE DOS ETAPAS Y METODOS. — MX - 10.08.2022

Int.Class A61M 31/00 **Appl.No** 2022005206 **Applicant** DARE MB INC. **Inventor** Robert FARRA

Drug delivery devices and methods of controlled drug delivery to a patient are provided. The drug delivery device may include one or two microchip elements, each of which has a body portion with one or more drug release apertures in fluid communication with at least one containment reservoir. The drug release apertures are closed off by one or more reservoir caps which can be electrically activated to open the drug release apertures. The drug delivery device also includes (i) a drug formulation disposed in the at least one containment reservoir, and (ii) at least one drug-permeable membrane. In some cases, an outer housing is spaced a distance from an exterior wall of the body portion of the microchip element, the outer housing includes the at least one drug-permeable membrane, and a depot space is defined between the drug-permeable membrane and the exterior wall of the body portion of the microchip element.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MXMX/A/2008/014052

Query Examples

1. MXMX/A/2008/014052 - NOVEL BIODEGRADABLE POLYMER COMPOSITION USEFUL FOR THE PREPARATION OF BIODEGRADABLE PLASTIC AND A PROCESS FOR THE PREPARATION OF SAID COMPOSITION

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

PermaLink | Machine translation

Office
Mexico

Application Number
MX/a/2008/014052

Application Date
03.11.2008

Publication Number
MX/a/2008/014052

Publication Date
12.05.2009

Publication Kind
A

IPC
C08L 23/00 | C08L 25/00 | C08L 27/00

Applicants
BNT FORCE BIODEGRADABLE POLYMERS PVT LTD.

Inventors
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Agents
GILBERTO PABLO DE HOYOS KOLOFFON
LAURA KAROL GARDUÑO ARNAUD

Title
(EN) NOVEL BIODEGRADABLE POLYMER COMPOSITION USEFUL FOR THE PREPARATION OF BIODEGRADABLE PLASTIC AND A PROCESS FOR THE PREPARATION OF SAID COMPOSITION
(ES) COMPOSICIÓN DE POLÍMERO BIODEGRADABLE NOVEDOSA,ÚTIL PARA LA PREPARACION DE PLÁSTICO BIODEGRADABLE Y PROCESO PARA LA PREPARACIÓN DE DICHA COMPOSICIÓN

Abstract
(EN) The invention disclosed in this application relates to a novel biodegradable additive polymer composition useful for the preparation of biodegradable plastic products which comprises of a mixture of (i) a polymer selected from Polyethylene, polypropylene, poly styrene, poly vinyl chloride or a mixture thereof (ii) Cellulose (iii) Amides (iv) nutrients selected from Blue green algae and / or Yeast and (v) Water. This composition can be mixed with a virgin polymer to get a master polymer. The master batch composition may be mixed with a virgin polymer, which is useful for preparing products which are biodegradable.
(ES) La invención descrita en la presente solicitud, estárelacionada con una composición polimérica aditiva biodegradable novedosaútil para la preparación de productos de plástico biodegradables, la cual comprende de una mezcla de (i) un polímero seleccionado del grupo que comprende polietileno, polipropileno, poliestireno, cloruro de polivinilo, o una mezcla de los mismos, (ii) celulosa, (iii) amidas, (iv) nutrientes seleccionados del grupo que comprende alga azul verde y/o levadura y (v) agua. Esta composición puede ser mezclada con un polímero virgen, el cual esútil para preparar productos que son biodegradables.

Related patent documents
IN787/CHE/2006 SG147251 EP2013280 BRPI0711446 US20090163620 CN101484521 RU0002480495 AU2007245266 DK2013280 ID049.0595 MYPI 20084333 WO/2007/125546 ES2333382 PT2013280 JP2009535475 PH1/2008/502423 VN1200802821 PL2013280 AT442411 CA2651098 NZ572522 IL195390 VN20060 C008125800 APAP2410 CR10476 EC2008008929 CR57/10476 KR1020090031862 CRCR2008-010476 RU2008147117

Field		Search terms...
Full Text		chocolate AND (dessert OR cake)

AND (

OR

)

EN_ALLTXT:(chocolate AND (dessert OR cake))

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1. **20030215554** MULTI-FLAVORED DESSERT CAKES — US - 20.11.2003

Int.Class A21D 13/00 Appl.No 10461361 Applicant MCCARRICK WILLIAM M Inventor McCarrick William M.

Multi-flavored dessert cakes and new combinations of flavors for dessert cakes are disclosed. In preferred embodiments, the invention provides multi-flavored cakes that each combine a number of different ingredients from a particular geographic location or culture of the world, merging the flavors of those ingredients with the traditional flavors of a European dessert cake, in particular chocolate. In one aspect, a multi-flavored dessert cake comprises a plurality of sponge cake portions, each sponge cake portion being capable of absorbing a flavored syrup. At least one sponge cake portion is soaked with a syrup having a first flavor and at least one other sponge cake portion is soaked with a syrup having a second flavor, so that each soaked sponge layer takes on a different flavor. The invention is particularly well-suited to provide new versions of the traditional opera cake.

2. **2402863** MULTI-FLAVOURED DESSERT CAKES — GB - 07.07.2004

Int.Class A21D 13/00 Appl.No 0412543 Applicant MCCARRICK WILLIAM MICHAEL Inventor MCCARRICK WILLIAM MICHAEL

A multi-flavoured dessert cake comprises a plurality of sponge cake portions [110a, 110b, 110c], each sponge cake portion being capable of absorbing a flavoured syrup [115a, 115b, 115c]. At least one sponge cake portion is soaked with a syrup having a first flavour and at least one other sponge cake portion is soaked with a syrup having a second flavour, so that each soaked sponge layer takes on a different flavour. The invention is particularly well-suited to provide new versions of the traditional opera cake. Filling layers [120,130] may be present, having a third flavour.

3. **20170332657** METHOD OF MAKING AND PACKAGING A CAKE MIX DESSERT — US - 23.11.2017

Int.Class A23G 7/00 Appl.No 15672548 Applicant Michelle F. Shields Inventor Michelle F. Shields

A method of producing, packaging, and sealing of a prepared food dessert which includes a combination of a brownie mix and a chocolate cake mix to produce a dry mixture. The dry mixture is put into a mason jar or ripple cup and an infusion flavor [candy or chocolate] is added to the mix to obtain a molten lava center after heating. The packaging may comprise a gift cello wrap and/or a heat shrink seal. A spoon may be added to the packaging. The consumer adds water and microwaves the product for a ready to eat dessert.

4. **1105922** INSTANT SOLID DESSERT AND DESSERT DRY MIX — GB - 13.03.1968

Int.Class A21D 2/36 Appl.No 2313165 Applicant EHRLICH JOSEPH R Inventor

An instant dessert of cake-like texture is formed by mixing with water a preformed dry mix comprising a major amount of fine baked dough particles, at least one water-activatable edible binder, such as natural or synthetic gums, proteins, and carbohydrates, for example gelatin, pectin, algin, acacia, guar, methyl cellulose, egg albumen, milk protein, or a CMC-starch blend, and at least one self-contained additive capable of covering the flavour of the baked dough particles, for example cocoa or coffee. Other ingredients include vanillin, cinnamon, chopped nuts, raisins, chocolate, figs, dates, and flavours. Fine sugar particles may also be present.

2022?

Field
Full Text

Search terms...
chocolate AND (dessert OR cake)

AND (

OR

)

EN_ALLTXT:(chocolate AND (dessert OR cake))

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1. **20030215554** MULTI-FLAVORED DESSERT CAKES — US - 20.11.2003

Int.Class A21D 13/00 Appl.No 10461361 Applicant MCCARRICK WILLIAM M Inventor McCarrick William M.

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2. **2402863** MULTI-FLAVOURED DESSERT CAKES — GB - 07.07.2004

Int.Class A21D 13/00 Appl.No 0412543 Applicant MCCARRICK WILLIAM MICHAEL Inventor MCCARRICK WILLIAM MICHAEL

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3. **20170332657** METHOD OF MAKING AND PACKAGING A CAKE MIX DESSERT — US - 23.11.2017

Int.Class A23G 7/00 Appl.No 15672548 Applicant Michelle F. Shields Inventor Michelle F. Shields

A method of producing, packaging, and sealing of a prepared food dessert which includes a combination of a brownie mix and a chocolate cake mix to produce a dry mixture. The dry mixture is put into a mason jar or ripple cup and an infusion flavor [candy or chocolate] is added to the mix to obtain a molten lava center after heating. The packaging may comprise a gift cello wrap and/or a heat shrink seal. A spoon may be added to the packaging. The consumer adds water and microwaves the product for a ready to eat dessert.

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Int.Class A21D 2/36 Appl.No 2313165 Applicant EHRLICH JOSEPH R Inventor

An instant dessert of cake-like texture is formed by mixing with water a preformed dry mix comprising a major amount of fine baked dough particles, at least one water-activatable edible binder, such as natural or synthetic gums, proteins, and carbohydrates, for example gelatin, pectin, algin, acacia, guar, methyl cellulose, egg albumen, milk protein, or a CMC-starch blend, and at least one self-contained additive capable of covering the flavour of the baked dough particles, for example cocoa or coffee. Other ingredients include vanillin, cinnamon, chopped nuts, raisins, chocolate, figs, dates, and flavours. Fine sugar particles may also be present.

EN_ALLTXT:(chocolate AND (dessert OR cake))

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United States of America	12,057	NESTEC SA	1,004	MIYAKE TOSHIO	165	A23L	13,692	2015	1,200
PCT	5,523	CARGILL INC	585	PRAKASH, INDRA	94	A61K	9,147	2016	1,428
European Patent Office	3,985	SOCIETE DES PRODUITS NESTLE SA	470	MEDOFF, MARSHALL	88	A23G	7,309	2017	1,314
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Australia	2,632	DSM IP ASSETS BV	423	INDRA PRAKASH	73	A61P	3,475	2019	1,347
India	1,139	THE PROCTER AND GAMBLE COMPANY	396	DUBOIS, GRANT E.	71	A23C	2,719	2020	1,450
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China	281	UNILEVER PLC	338	KUBOTA MICHIO	70	C12N	2,277	2022	1,425
New Zealand	254	THE COCA COLA COMPANY	308	METZ JAMES G.	68	C12P	1,736	[illegible]	1,265
Israel	205	GENERAL MILLS INC	255	PRAKASH INDRA	66	A61Q	1,526	2024	251

PUBLICATION_DATE=2022

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1. **20220272999** CHOCOLATE FOR FROZEN DESSERTS AND FROZEN DESSERTS — US - 01.09.2022

Int.Class A23G 1/30 Appl.No 17629025 Applicant MEIJI CO., LTD. Inventor Masayuki SOEJIMA

A chocolate for frozen desserts having manufacturing suitability when combined with the frozen desserts, good hardness, good flavor, and good melting feeling in the mouth is provided.

The chocolate for frozen desserts comprises 15% by mass or more of a cacao component, 3 to 9% by mass of cocoa butter, and 43 to 50% by mass of oils or fats, wherein

- the oils or fats comprised in the chocolate satisfy the following conditions [a] to [c]:
  - [a] comprise 10% by mass or less of a straight-chain saturated fatty acid having 14 or less carbon atoms as a constituent fatty acid;
  - [b] comprise 10 to 25% by mass of a straight-chain saturated fatty acid having 16 to 18 carbon atoms as a constituent fatty acid; and
  - [c] comprise 65 to 85% by mass of an unsaturated fatty acid as a constituent fatty acid.

2. **3973781** OIL AND FAT COMPOSITION FOR FROZEN DESSERT AND CHOCOLATES FOR FROZEN DESSERT — EP - 30.03.2022

Int.Class A23G 9/32 Appl.No 20810341 Applicant FUJI OIL HOLDINGS INC Inventor KOJIMA MAKIKO

The present invention addresses the problem of providing: an oil and fat composition which is for frozen dessert, moderately lingers, and has a rich flavor with low saturated fatty acid content; and chocolates which are for frozen dessert, and contain the fat and oil composition for frozen dessert. The chocolates which are for frozen dessert, moderately lingers, and has rich flavor with low saturated fatty acid content can be obtained by adding the prescribed amount of a transesterified oil and fat composition which is for frozen dessert and in which the composition of constituent fatty acids and the solid fat content [SFC] have been prescribed.

3. **20220202037** OIL AND FAT COMPOSITION FOR FROZEN DESSERT AND CHOCOLATES FOR FROZEN DESSERT — US - 30.06.2022

Int.Class A23G 9/32 Appl.No 17611373 Applicant FUJI OIL HOLDINGS INC. Inventor Makiko KOJIMA

The present invention addresses the problem of providing: an oil and fat composition which is for frozen dessert, moderately lingers, and has a rich flavor with low saturated fatty acid content; and chocolates which are for frozen dessert, and contain the fat and oil composition for frozen dessert. The chocolates which are for frozen dessert, moderately lingers, and has rich flavor with low saturated fatty acid content can be obtained by adding the prescribed amount of a transesterified oil and fat composition which is for frozen dessert and in which the composition of constituent fatty acids and the solid fat content [SFC] have been prescribed.

4. **20220192207** SHELF-STABLE CAKE TRUFFLE — US - 23.06.2022

Int.Class A21D 13/24 Appl.No 17604259 Applicant The Hershey Company Inventor Dongming Tang

A modified cake formula and baking process to have a shelf-stable food product, especially micro-safe cake with water activity [Aw] less than about 0.71, less than about 0.7 or ideally less than about 0.65. The process involves grinding the baked

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Countries		Applicants		Inventors		IPC code		Publication Dates	
United States of America	649	SOCIÉTÉ DES PRODUITS NESTLÉ SA	43	KENNETH NEUMANN	9	A23L	638	2022-01	123
PCT	302	FIRMENICH SA	37	AMNON MORAG	8	A61K	478	2022-02	117
European Patent Office	135	CARGILL INC	36	BARAK LENZ	8	A23G	229	2022-03	138
Canada	113	SOCIETE DES PRODUITS NESTLE SA	26	BARAK PELEG	8	A61P	217	2022-04	100
Australia	103	DSM IP ASSETS BV	19	CHARLES H. CELLA	8	C12N	136	2022-05	108
India	84	GIVAUDAN SA	19	DAN PADNOS	8	A21D	106	2022-06	136
China	24	MORINAGA MILK INDUSTRY CO LTD	18	GILAD LUMBROSO	8	A23C	105	2022-07	115
United Kingdom	5	DUPONT NUTRITION BIOSCIENCES APS	15	OR DAGAN	8	A23J	71	2022-08	101
Japan	2	FIRMENICH INC	15	ORI GOSHEN	8	A61Q	68	2022-09	136
Republic of Korea	2	INTERNATIONAL FLAVORS AND FRAGRANCES INC	15	SEAN FARMER	8	A23P	67	2022-10	124
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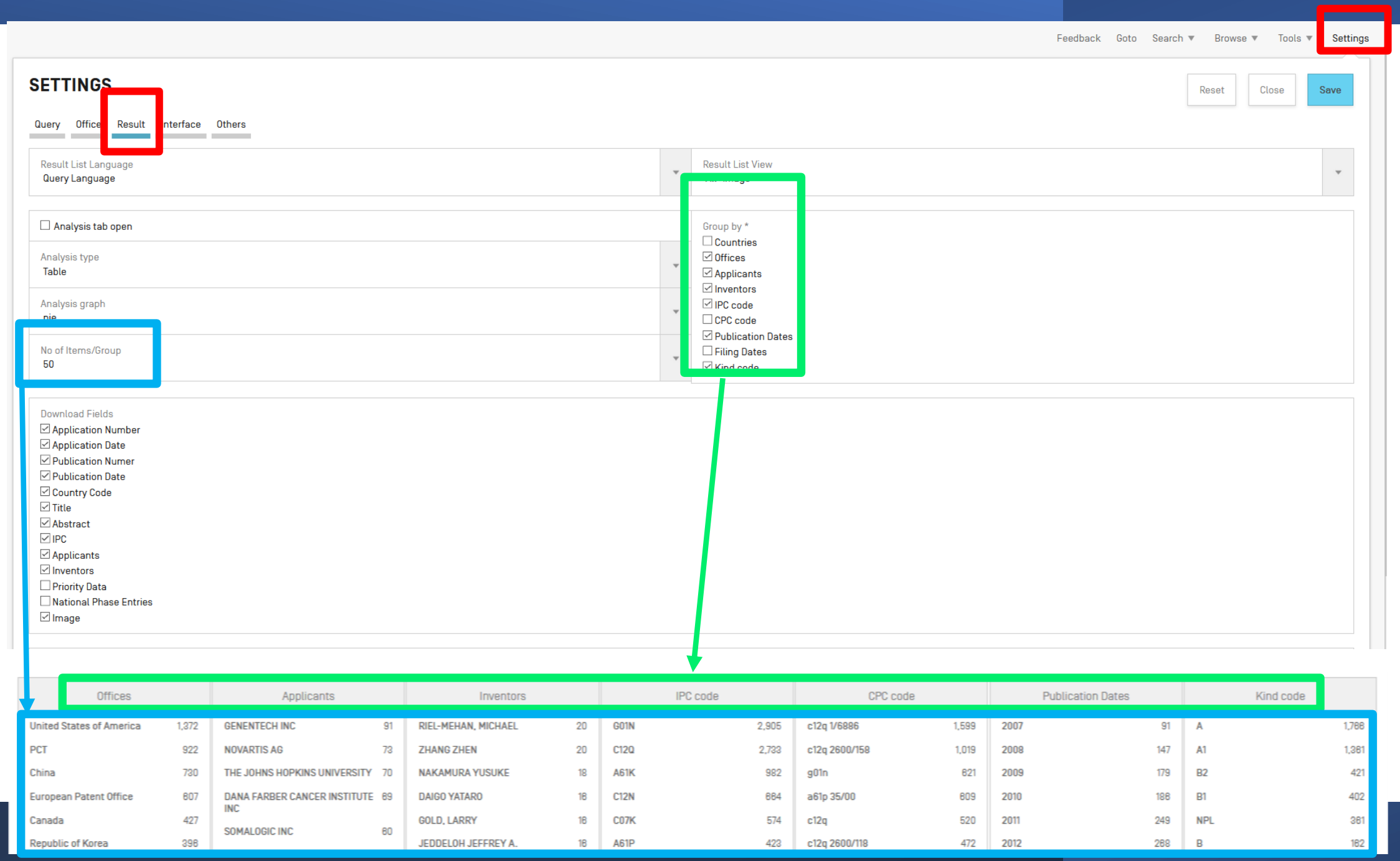
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United States of America 1,372
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Canada 427
Republic of Korea 398
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a61p 35/00 809
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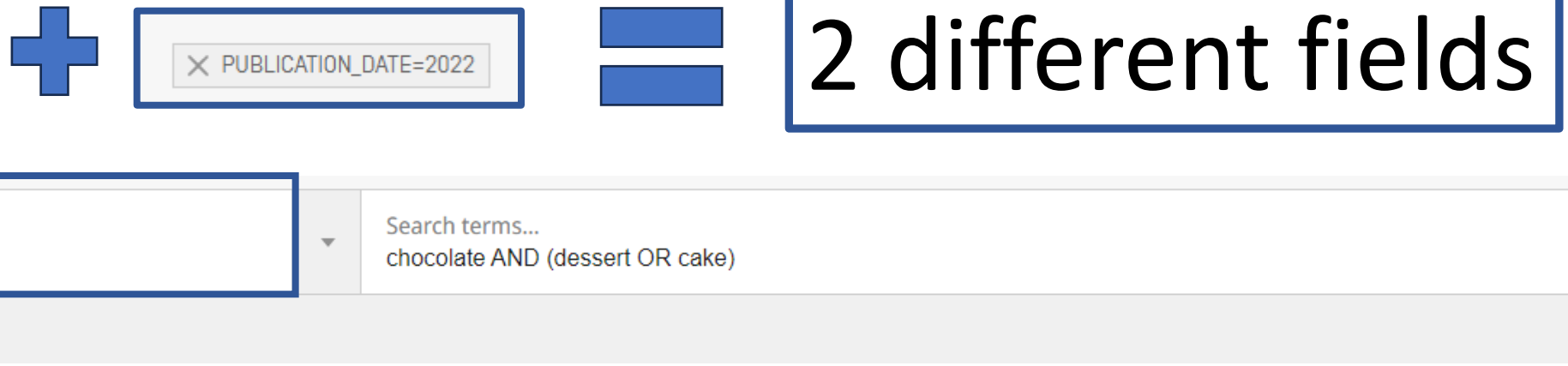
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Search terms...
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109,887 results Offices all Languages en Stemming true Single Family Member false Include NPL false

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1. **1457307** CHOCOLATE GB - 01.12.1976

Int.Class A23G 1/18 Appl.No 1710274 Applicant SAPAL PLIEUSES AUTOMATIQUES Inventor

1457307 Heat-treating chocolate SAPAL SA DES PLIEUSES AUTOMATIQUES 18 April 1974 [25 April 1973] 17102/74 Heading A2B An apparatus for heat-treating chocolate comprises a hollow cylindrical sheet metal drum 1 which is rotatable around a horizontal axis on axially parallel rollers 2 positioned against its outer periphery. The inner surface 3 of the drum is bounded at both ends by peripheral walls in the form of annular discs 4. In the region of the highest point on the drum inner surface, the latter is acted upon by a stripper 5 extending across its width, pivoted at 6 about a horizontal axis and connected to a downwardly directed guide plate 7. A skimming blade 10 is pivoted at 11 about a horizontal axis and is adjustable by a device indicated at 12 so that its distance from the drum inner surface 3 may be set to a desired value producing a gap 13. The fluid chocolate mass is fed to the inside of the drum 1 through pipe 14. In the embodiment shown in Figs. 1 and 2 drum 1 is provided with a chocolate receiving means beneath the stripper and comprises a coating device. Part of the chocolate mass adheres to the inner surface of the drum 3 and is carried upwardly and is adjusted to its nominal temperature by heat transfer means. The chocolate layer is stripped by stripper 5 and is fed by guide plate 7 into a distributor device 22 whence the chocolate mass is evenly distributed across the width of conveyor 21. Products 41 fed by the conveyor 21 through the chocolate mass flowing downwards are thereby provided with a chocolate mass coat. In the embodiment shown in Figs. 3 and 4, the chocolate mass stripped by stripper 5 is fed into housing 31 of a first conveyor 30 from which an adjustable part of the mass flows back into an intermediate container 23. The remainder is fed into a distributor device 22 whence the mass flows freely across the width of conveyor 21 and coats the products 41 carried by the conveyor.

2. **20160198733** CHOCOLATE US - 14.07.2016

Int.Class A23G 1/36 Appl.No 14915784 Applicant The Nisshin OilliO Group, Ltd. Inventor Kiyomi OONISHI

A chocolate contains 25 to 65 mass % of fats and oils, the fats and oils containing 5 to 40 mass % of triacylglycerol containing constituent fatty acid of 6 to 10 carbons. Furthermore, a provided method of manufacturing a chocolate includes: performing a tempering treatment to a melted chocolate prepared so as to contain 25 to 65 mass % of fats and oils, the fats and oils containing 5 to 40 mass % of triacylglycerol containing constituent fatty acid of 6 to 10 carbons; and subsequently cooling and solidifying the tempered chocolate.

3. **2014313545** CHOCOLATE AU - 17.03.2016

Int.Class A23G 1/00 Appl.No 2014313545 Applicant The Nisshin OilliO Group, Ltd. Inventor Oonishi, Kiyomi

The present invention is chocolate containing 25-65 mass% of fat, in which the fat includes 5-40 mass% of a triacylglycerol that contains a constituent fatty acid having 6-10 carbon atoms.

4. **3042568** CHOCOLATE EP - 13.07.2016

Int.Class A23G 1/00 Appl.No 14840382 Applicant NISSHIN OILLIO GROUP LTD Inventor OONISHI KIYOMI

A chocolate contains 25 to 65 mass% of fats and oils, the fats and oils containing 5 to 40 mass% of triacylglycerol containing constituent fatty acid of 6 to 10 carbons. Furthermore, a provided method of manufacturing a chocolate includes: performing a tempering treatment to a melted chocolate prepared so as to contain 25 to 65 mass% of fats and oils, the fats and oils containing 5 to 40 mass% of triacylglycerol containing constituent fatty acid of 6 to 10 carbons; and subsequently cooling and solidifying the tempered chocolate.

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A chocolate contains 25 to 65 mass % of fats and oils, the fats and oils containing 5 to 40 mass % of triacylglycerol containing constituent fatty acid of 6 to 10 carbons. Furthermore, a provided method of manufacturing a chocolate includes: performing a tempering treatment to a melted chocolate prepared so as to contain 25 to 65 mass % of fats and oils, the fats and oils containing 5 to 40 mass % of triacylglycerol containing constituent fatty acid of 6 to 10 carbons; and subsequently cooling and solidifying the tempered chocolate.

3. 2014313545 CHOCOLATE AU - 17.03.2016

Int.Class A23G 1/00 Appl.No 2014313545 Applicant The Nisshin OilliO Group, Ltd. Inventor Oonishi, Kiyomi

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4. 3042568 CHOCOLATE EP - 13.07.2016

Int.Class A23G 1/00 Appl.No 14840382 Applicant NISSHIN OILLIO GROUP LTD Inventor OONISHI KIYOMI

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1. **WO/2011/107259** NUTRACEUTICAL CHOCOLATE OR COMPOUND CHOCOLATE PRODUCT — WO - 09.09.2011

Int.Class A23G 1/42 Appl.No PCT/EP2011/000999 Applicant OPHTHALMOPHARMA AG Inventor GERON, Mordechai

The subject invention relates to a chocolate or compound chocolate product comprising added functional ingredients including vitamin C, vitamin E, zinc, copper and, optionally, a xanthophyll. The invention further concerns the production of such chocolates and compound chocolate products, their assembly in kit formats and the use of these products for the therapy of diseases of the eye, in particular macular degeneration and cataract formation, or for the maintenance and support of general eye health.

2. **WO/2022/189809** CHOCOLATE AND CHOCOLATE CONFECTIONERY — WO - 15.09.2022

Int.Class A23G 1/00 Appl.No PCT/GB2022/050643 Applicant WET HOLDINGS (GLOBAL) LIMITED Inventor ADAMS, Michael

In the present application, alkalization of cocoa natural products may be carried out by using a stable alkaline water (pH levels of up to 10.5 or more) with the aim to produce alkalized chocolateproducts with pleasant organoleptic, less sugar content, less acidity, high antioxidants contents, and addition of novel soluble ingredients to chocolate. This can be achieved by using the stable alkaline water produced by a Natralysis Process in alkalizing cocoa nibspre, during and post grinding, alkalizing the cocoa liquor and alkalizing the natural cocoa powder. The present application discloses a method or apparatus (3, 9, 15) in which a cocoa natural product and/or one or more of its derivatives is alkalized by using stable alkaline water.

3. **WO/2000/002460** CHOCOLATE PRODUCTION — WO - 20.01.2000

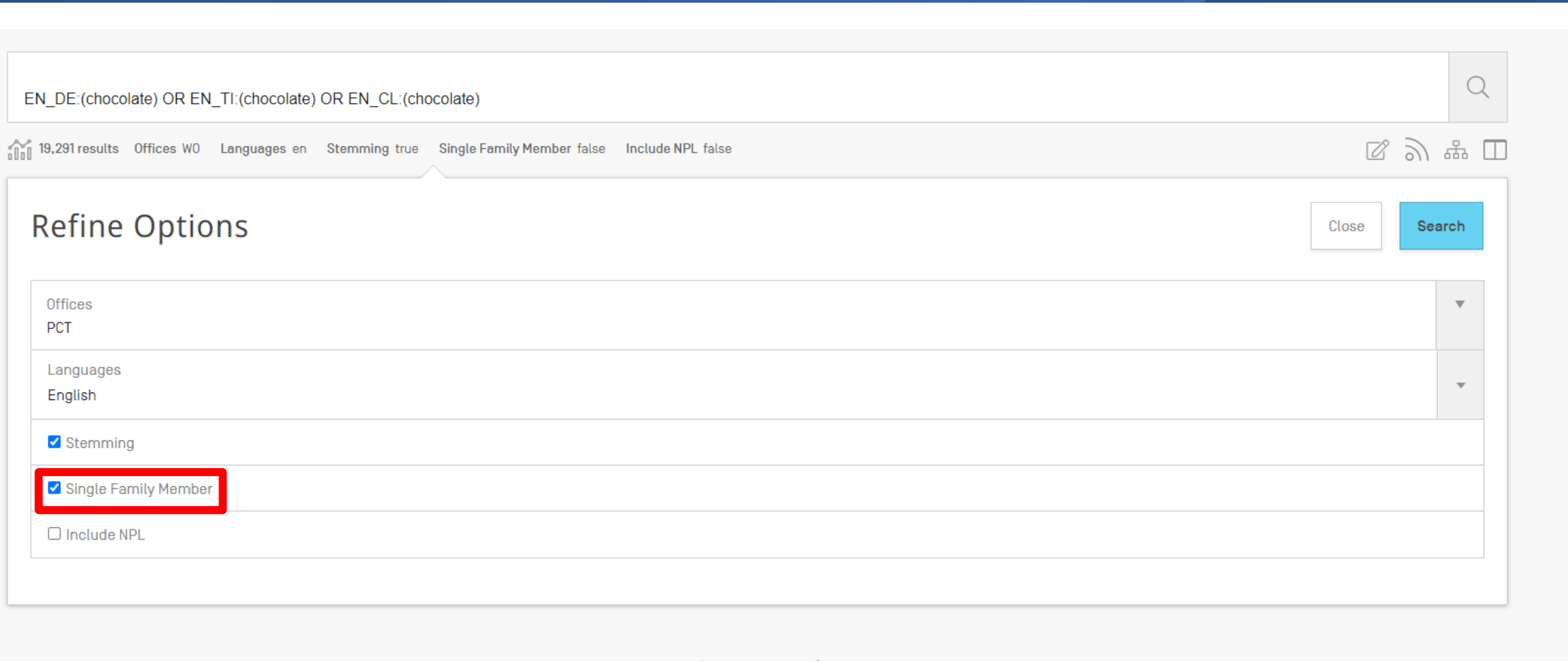
Int.Class A23G 1/00 Appl.No PCT/GB1999/002003 Applicant MARS (UK) LTD. Inventor EARIS, Frank, Wilfred

There is disclosed a process for tempering chocolate which comprises rendering a chocolate composition fluid by heating, tempering the chocolate, shaping the chocolate composition and then lowering the temperature to a temperature below the solidification temperature of the chocolate composition, so as to produce set chocolate characterised in that cocoa powder containing a tempering amount of cocoa butter e.g. from 5 to 25 % by weight of cocoa butter based on the cocoa powder, is added when the chocolate composition is at a temperature which is the same as or just below the DSC melting point of the cocoa butter in the said cocoa powder, the cocoa powder being added in an amount such that the chocolate composition undergoes tempering, e.g. an amount of 0.05 % to 5 % by weight based on the total chocolate composition including the cocoa powder and in that preferably the cocoa powder has an average particle size in the range 10 to 15 microns.

4. **WO/2022/251500** CHOCOLATE COMPOSITIONS — WO - 01.12.2022

Int.Class A23G 1/30 Appl.No PCT/US2022/031137 Applicant DOJO BRANDS LLC Inventor BOUTON, Douglas

The invention relates to chocolate compositions comprising a fat composition, at least one added sweetener, and, optionally, cocoa butter, cocoa powder, and/or milk solids. The added sweetener comprises a sugar alternative and, optionally, sucrose. A chocolate composition of the invention has at least one of a net carbohydrate rare sugar index of less than or equal to 1, a net carbohydrate sugar alcohol index of less than or equal to 1, and a sugar alternative caloric index of less than or equal to 30 cal/g. The invention also relates to chocolate confectionaries made with such chocolate compositions.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1. **WO/2011/107259** NUTRACEUTICAL CHOCOLATE OR COMPOUND CHOCOLATE PRODUCT — WO - 09.09.2011

Int.Class A23G 1/42 Appl.No PCT/EP2011/000999 Applicant OPHTHALMOPHARMA AG Inventor GERON, Mordechai

The subject invention relates to a chocolate or compound chocolate product comprising added functional ingredients including vitamin C, vitamin E, zinc, copper and, optionally, a xanthophyll. The invention further concerns the production of such chocolates and compound chocolate products, their assembly in kit formats and the use of these products for the therapy of diseases of the eye, in particular macular degeneration and cataract formation, or for the maintenance and support of general eye health.

2. **WO/2022/189809** CHOCOLATE AND CHOCOLATE CONFECTIONERY — WO - 15.09.2022

Int.Class A23G 1/00 Appl.No PCT/GB2022/050643 Applicant WET HOLDINGS [GLOBAL] LIMITED Inventor ADAMS, Michael

In the present application, alkalization of cocoa natural products may be carried out by using a stable alkaline water (pH levels of up to 10.5 or more) with the aim to produce alkalized chocolateproducts with pleasant organoleptic, less sugar content, less acidity, high antioxidants contents, and addition of novel soluble ingredients to chocolate. This can be achieved by using the stable alkaline water produced by a Natralysis Process in alkalizing cocoa nibspre, during and post grinding, alkalizing the cocoa liquor and alkalizing the natural cocoa powder. The present application discloses a method or apparatus (3, 9, 15) in which a cocoa natural product and/or one or more of its derivatives is alkalized by using stable alkaline water.

3. **WO/2000/002460** CHOCOLATE PRODUCTION — WO - 20.01.2000

Int.Class A23G 1/00 Appl.No PCT/GB1999/002003 Applicant MARS (UK) LTD. Inventor EARIS, Frank, Wilfred

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4. **WO/2022/251500** CHOCOLATE COMPOSITIONS — WO - 01.12.2022

Int.Class A23G 1/30 Appl.No PCT/US2022/031137 Applicant DOJO BRANDS LLC Inventor BOUTON, Douglas

The invention relates to chocolate compositions comprising a fat composition, at least one added sweetener, and, optionally, cocoa butter, cocoa powder, and/or milk solids. The added sweetener comprises a sugar alternative and, optionally, sucrose. A chocolate composition of the invention has at least one of a net carbohydrate rare sugar index of less than or equal to 1, a net carbohydrate sugar alcohol index of less than or equal to 1, and a sugar alternative caloric index of less than or equal to 30 cal/g. The invention also relates to chocolate confectionaries made with such chocolate compositions.

1. WO2011107259 - NUTRACEUTICAL CHOCOLATE OR COMPOUND CHOCOLATE PRODUCT

PCT Biblio. Data | Description | Claims | National Phase | Patent Family | Notices | Documents

PermaLink

EP2542096 NUTRACEUTICAL CHOCOLATE OR COMPOUND CHOCOLATE PRODUCT
Appl.No 11708188 Applicant OPHTHALMOPHARMA AG Pub.Kind A1,B1 Pub.Lang en
Inclusion Criteria IC2 Appl.Date 28.02.2011 Pub.Date 09.01.2013

CA2790097 NUTRACEUTICAL CHOCOLATE OR COMPOUND CHOCOLATE PRODUCT
Appl.No 2790097 Applicant OPHTHALMOPHARMA AG Pub.Kind A1 Pub.Lang en
Inclusion Criteria IC2 Appl.Date 28.02.2011 Pub.Date 09.09.2011

ES2547088 PRODUCTO NUTRACÉUTICO DE CHOCOLATE O DERIVADO DE CHOCOLATE
Appl.No 11708188 Applicant Ophthalmopharma AG Pub.Kind T3
Inclusion Criteria IC2 Appl.Date 28.02.2011 Pub.Date 01.10.2015

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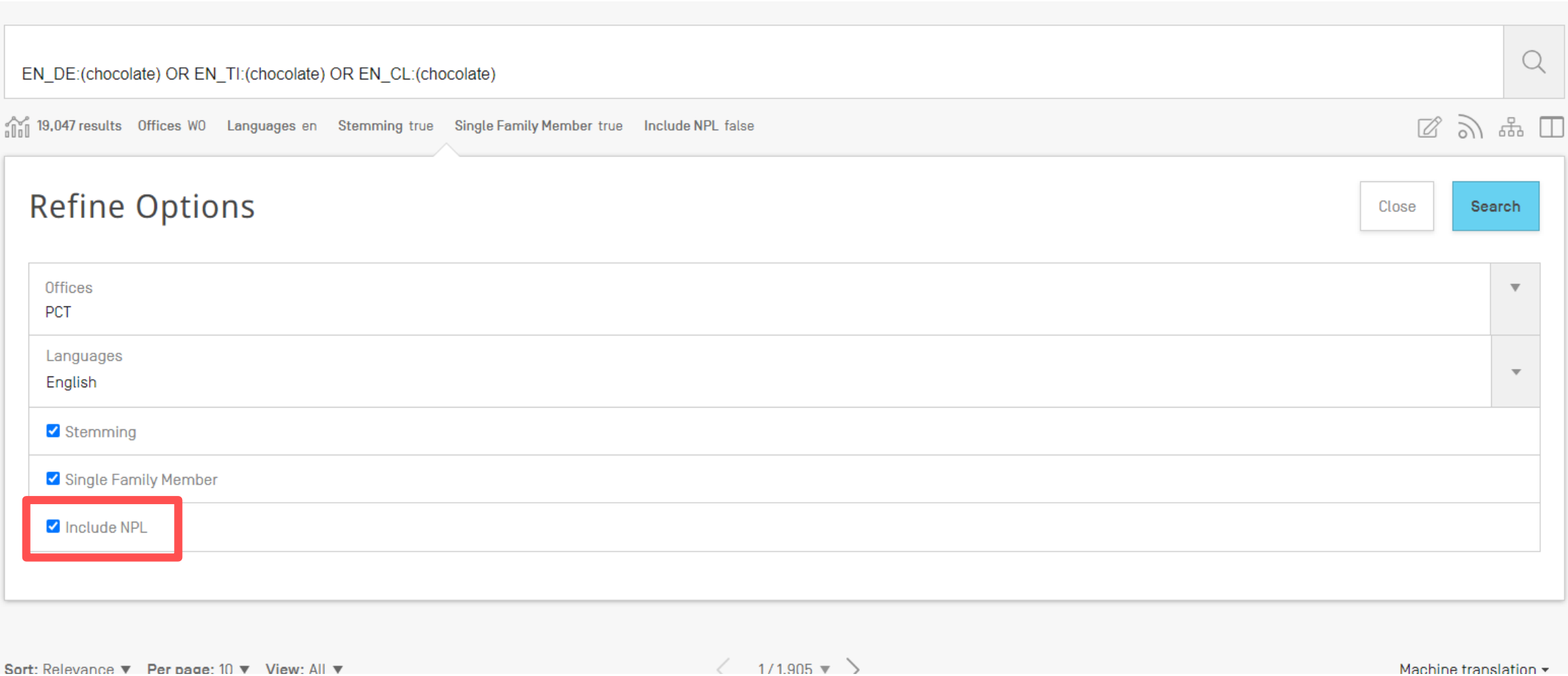
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PCT	19,047	NESTEC SA	892	ROSSETTI, DAMIANO	13	A61K	5,351	2015	887	A	19,047
		THE PROCTER AND GAMBLE COMPANY	337	BIONDI, ANDREA	11	A23L	4,702	2016	941		
		UNILEVER NV	334	CAVAZZA, LUCA	11	A23G	3,057	2017	821		
		UNILEVER PLC	334	CAMPAGNOLI, ENRICO	10	A61P	1,946	2018	797		
		SOCIETE DES PRODUITS NESTLE SA	275	BERTUZZI, IVANOE	9	B65D	1,410	2019	827		
		WM WRIGLEY JR COMPANY	265	FANKHAUSER, MARCEL	8	A47J	1,243	2020	1,011		
		MARS INC	250	FOTSING, JOSEPH R.	8	C12N	914	2021	971		
		SOCIÉTÉ DES PRODUITS NESTLÉ SA	230	GAVILLET, GILLES	8	A23C	902	2022	866		
		CARGILL INC	213	CLENDENNEN, STEPHANIE, KAY	7	A21D	811	2023	935		
		PHILIP MORRIS PRODUCTS SA	197	LEY, JAKOB PETER	7	A23D	698	2024	180		

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United States of America	78,333	INTEL CO	7,401	FREDERICK E. SHELTON, IV	305	G06F	28,162	2015	7,293	B2	46,257
PCT	26,644	INTERNATIONAL BUSINESS MACHINES CO	3,518	CARLOS CORDEIRO	210	G01N	20,401	2016	8,115	A1	37,327
Non-Patent Literature	21,526	IGT	2,318	BAERLOCHER ANTHONY J.	179	H04L	13,968	2017	8,328	A	35,348
European Patent Office	13,527	CAPITAL ONE SERVICES LLC	1,428	JASON L. HARRIS	170	C12Q	13,601	2018	8,903	NPL	21,526
Canada	8,115	APPLE INC	1,101	SHELTON IV FREDERICK E	145	A61B	11,292	2019	9,556	B1	14,540
Australia	6,416	ASML NETHERLANDS BV	961	ALTUG KOKER	143	G06Q	10,429	2020	9,103	C	2,980
India	3,290	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	945	AUSTIN GRANT WALTERS	139	G06K	9,766	2021	9,388	B	2,754
United Kingdom	1,474	INTEL IP CO	664	JEREMY EDWARD GOODSITT	138	H04W	8,740	2022	8,994	A3	1,124
China	1,418	MASSACHUSETTS INSTITUTE OF TECH	632	JOYDEEP RAY	138	C12N	8,518	2023	7,386	A4	801
Japan	1,143	KONINKLIJKE PHILIPS NV	606	YONATAN WEXLER	134	H01L	8,443	2024	1,342	C1	324

PATENTSCOPE Field Combination

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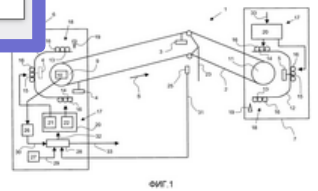
1. **0002689928** PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

RU - 29.05.2019

Int.Class B61B 12/06 Appl.No 2015136489 Applicant Inventor БАБА Матье (FR)

FIELD: transportation. SUBSTANCE: invention relates to transportation by suspension ropeway, in particular, to transportation of people in cable cars. Transport installation of suspension ropeway [2] includes at least two cars [3–5], in each of which there is a detachable clamp for disconnection of car and connection of car to suspension ropeway [2]; at least one connecting device [17] of cars [3–5] with suspension ropeway [2]; and at least one bending support [23, 24, 40] of suspension ropeway [2]. At that, transport installation of suspension ropeway also contains detection facility [25–27] intended for detection of movement of the first car connected to suspension ropeway [2] through specified support [23, 24, 40], made with possibility to transfer at least one connection signal when movement is detected, and control means [28] of said connecting device [17] connected to detection means [25–27] and configured to transmit a command to connect at least one second car with suspension ropeway [2] when receiving said connection signal. EFFECT: electric power consumption of the suspension ropeway drive motor is reduced and, due to limitation of generated jerks, passenger comfort is provided. 16 cl, 5 dwg

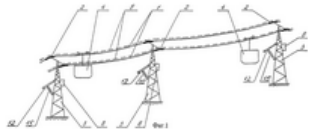


2. **02184665** AERIAL TRAMWAY

RU - 10.07.2002

Int.Class B61B 7/02 Appl.No 2000115152/28 Applicant Juzhno-Rossijskij gosudarstvennyj tekhnicheskij universitet (Novocherkasskij politekhnicheskij institut) Inventor Khal'fin M.N.

FIELD: road building; tramways. SUBSTANCE: proposed aerial tramway has carrying wire ropes resting of shoes hinge-secured on line supports. Cars are installed on carrying wire ropes. Cars are moved under action of hauling wire rope. Aerial tramway has car motion stabilizer which includes hydraulic motor mechanically connected with shoe axle and hydraulic connected with control restrictor. Level is hinge-mounted on line support. Free end of lever is connected with control restrictor by kinematic tie. Lever is connected with line support by means of multiple-core spring to kill vibrations of lever. EFFECT: improved reliability of aerial tramway by adjusting torsional rigidly of shoes. 2 dwg

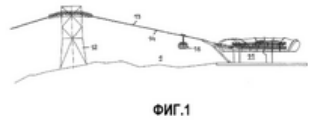


3. **0002723573** OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR IMPLEMENTATION OF OPERATION METHOD THEREOF

RU - 16.06.2020

Int.Class B61B 12/06 Appl.No 2019119831 Applicant Inventor МАТИС, Михаэль (AT)

FIELD: transportation. SUBSTANCE: invention relates to aerial ropeway. Method of operating suspension ropeway system with at least two stations of aerial ropeway and with at least one carrying rope [13] located between stations of suspended aerial ropeway, at least one vehicle [15] of aerial ropeway is moved by means of at least one traction cable [14]. At that, by means of at least one measuring device, transport positions of said at least one vehicle [15] of aerial ropeway along motion section are determined, said transport positions of said at least one suspension ropeway vehicle [15] along said traffic section are transmitted to a control unit and processed therein, as well as stored therein, and by means of located on said at least one support [12] suspension cableway device input into control unit is entered a signal that on this support [12] suspension cableway is maintenance work, respectively, installation work. At that, by means of control unit at approach of cable car [15] of aerial ropeway to suspension rope road [12] support drive for movement of said at least one vehicle [15] of aerial ropeway is adjusted in the sense that the suspension cableway vehicle [15] in the area of suspension [12] of the aerial ropeway with a speed which is considerably reduced relative to the operating speed is moved, respectively, delayed. EFFECT: as a result, safety of ropeway, including safety of installation and repair works, is increased. 4 cl, 3 dwg



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