

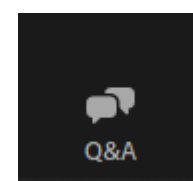
The webinar will begin in:



05:00



WELCOME



Questions/concerns

patentscope@wipo.int

A sign mounted on a light-colored wall. The sign is shaped like a yellow arrow pointing to the right. The arrow's body is yellow and contains the text 'LOVE TO LEARN' in a bold, black, sans-serif font. The arrow's tail is divided into three vertical sections: purple on the left, light grey in the middle, and yellow on the right. The sign is set against a textured, light grey wall. In the background, a person in a blue hoodie and sunglasses is walking on a sidewalk. There are some plants and a building visible in the distance.

**LOVE TO
LEARN**

Practical cases – last session

- Exercise is shown with a defined time to complete
- Solution is shown

Summer school

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

Session 2: field combination, advanced search, result list

Session 3: special tools, search interfaces & features

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



1. What is the difference between:

- The field IC and the field IC_EX?
- The field EN_ALL and the field EN_ALLTXT
- The columns Countries and Offices in the Analysis

ANALYSIS Close

Filters | Charts | Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
China	31,257,815	China	32,425,391	SAMSUNG ELECTRONICS CO LTD	484,368	G06F	4,632,388	a61p 43/00	575,601	1973	676,682	A	40,619,382
Japan	19,044,268	Japan	19,294,838	SIEMENS AG	354,304	A61K	4,143,801	a61p 35/00	557,243	1974	754,048	U	20,394,774
United States of America	13,972,853	United States of America	15,488,296	SONY CO	300,229	H01L	3,319,310	y02e 60/10	530,451	1975	798,955	B2	9,402,585
Germany	6,041,081	Germany	6,310,694	LG ELECTRONICS INC	247,104	G01N	2,613,531	a61p 29/00	353,262	1976	828,910	A1	9,195,466
Republic of Korea	4,728,050	Republic of Korea	5,340,977	HITACHI LTD	240,938	H04N	2,277,175	a61k	337,094	1977	790,319	B1	7,721,521
PCT	4,388,257	European Patent Office	4,394,143	CANON INC	230,285	H04L	2,187,569	a61p 25/00	299,141	1978	760,462	B	6,617,942
European Patent Office	4,036,421	PCT	4,388,257	MITSUBISHI ELECTRIC CO	218,107	A61P	2,041,547	g06f	297,452	1979	774,925	Y	1,449,749
France	2,493,873	Canada	2,884,341	INTERNATIONAL BUSINESS MACHINES CO	216,527	C07D	1,876,481	a61p	270,651	1980	790,981	C	1,325,463
Canada	2,489,299	France	2,493,873	MATSUSHITA ELECTRIC IND CO LTD	212,989	A61B	1,840,203	h04l	269,475	1981	802,447	U1	1,028,351
United Kingdom	2,404,190	United Kingdom	2,453,247	HUAWEI TECH CO LTD	202,152	B01D	1,830,681	a61k 45/06	250,417	1982	850,005	T3	856,206
Australia	1,824,934	Australia	1,831,194	SEIKO EPSON CO	191,802	B65D	1,747,813	a61p 9/00	240,192	1983	857,227	C2	722,123
Spain	1,846,816	Spain	1,649,185	NEC CO	188,297	G02B	1,415,759	a61p 9/10	233,578	1984	845,423	A5	624,427
Russian Federation[USSR data]	1,409,859	Russian Federation	1,505,146	TOSHIBA CO	187,430	B29C	1,414,194	y02p 70/50	233,000	1985	920,183	T	597,104
Russian Federation	1,303,059	Russian Federation[USSR data]	1,409,859	QUALCOMM INC	186,559	C07C	1,339,685	a61k 38/00	222,808	1986	960,325	C1	592,670
						CI2N	1,271,624	a23v 2002/00	221,201	1987	959,384	A2	571,834

1. What is the difference between:


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

Countries = national collections

Offices = national collections + PCT applications entering into national phase in those countries

2. Perform searches:

a. about *asthma* in the English abstract

- include NPL
- select only NPL information



ADVANCED SEARCH ▼



EN_AB:asthma

Query Assistant [Query Examples](#)

+ Expand with related terms

Offices

All



Languages

All



Stemming

Single Family Member

Include NPL

Reset

Search

EN_AB:asthma



33,889 results

Offices all

Languages all

Stemming true

Single Family Member false

Include NPL false



REFINE OPTIONS

Close

Search

Offices

All



Languages

All



Stemming

Single Family Member

Include NPL



1. **2314926** III MILLENIUM: ASTHMA MONITOR

CA - 21.01.2002

Int.Class [A61B 5/08](#) Appl.No 2314926 Applicant MONTEIRO, GERARD EMILE Inventor MONTEIRO, GERARD EMILE

A **ASTHMA** DEVICE FOR MEASURING AND GRADING **ASTHMA** IN INDIVIDUAL IN INVIVO ACCESSMENT OF HUMAN SUBJECT. THE DEVICE INVOLVES EIGHT PARAMETER ALGORITHM CONSISTING OF SYMPTOM COMPLEX, TREATMENT RESPONSE CHECKLIST, PLUS A SPIROMETER MEASUREMENT OF BRONCHIAL CALIBER FUNCTION. **ASTHMA** MEASUREMENT ALLOWS CLINICIANS THE ABILITY TO GRADE OR STAGE CLINICAL **ASTHMA**. PULMONARY BRONCHIAL FLOW IS MEASURED ALONG THE MODEL OF LAMINAR FLOW MECHANICS. VOLUME FLOW IS CALCULATED BY THE FORMULA Q RESULT HAS CLOSE AGREEMENT WITH PEAK EXPIRATION FLOW VALUE AS ASSERTAINED BY RESPIRATORY SPIROMETRY WHEN LAMINAR FLOW CONDITIONS EXIST. HENCE P.E.F. VALUES ARE A MEASUREMENT OF BRONCHIAL CALIBER FUNCTION, WHEN LAMINAR FLOW CONDITIONS ARE SATISFIED. THE ADDITIVE ALGORITHM CHECKLIST IS LABELLED '**ASTHMA SCORE**', WITH MEASURED P.E.F., IS KEYED AND DISPLAYED IN A HAND COMPUTER. **ASTHMA** MEASUREMENT ALLOWS CLINICAL STAGING BY TITERATING **ASTHMA SCORE** AND P.E.F. VALUES. A 163 PATIENT MEASURED **ASTHMA** STUDY PRODUCED THREE CATAGORIES OF **ASTHMA** STAGING BY **ASTHMA** SUBTYPES, WITH APPROPRIATE CLINICAL LABELS BY SEVERITY: (a) MILD **ASTHMA** - P.E.F./**ASTHMA SCORE** > 80% (b) MODERATE/SEVERE **ASTHMA** - P.E.F./**ASTHMA SCORE** 35 - 75% (c) RESPIRATORY DISTRESS **ASTHMA** P.E.F./**ASTHMA SCORE** < 30%

NO
IMAGE
AVAILABLE

2. **1120436** A REMEDY FOR BRONCHIAL ASTHMA

CN - 17.04.1996

Int.Class [C07D 471/04](#) Appl.No 95107046.0 Applicant Nippon Zoki Pharmaceutical Co., Ltd. Inventor Kazuhito Furukawa

A rapid-acting remedy for **asthma** having a bronchodilating action contains compound represented by the general formula [A] or pharmaceutically acceptable salts as an effective component. The rapid-acting remedy for bronchial **asthma** is capable of relieving the symptom of laboring breath at the onset of **asthma** due to its excellent bronchodilating action. It can be used as a therapy not only for allergic **asthma** but also for various bronchial **asthmas** such as endogenous **asthma**, exogenous **asthma** and dust **asthma**.

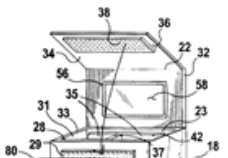
NO
IMAGE
AVAILABLE

3. **5779122** ASTHMA MEDICATION POUCH

US - 14.07.1998

Int.Class [A45F 5/00](#) Appl.No 08851210 Applicant MARTINELLI; VINCENT Inventor Martinelli Vincent

An **asthma** medication pouch that is adaptable to be replaceably attachable to one of a belt, clothing, and an ankle of an **asthma** patient, and carries **asthma** medications for the **asthma** patient. The **asthma** medication pouch includes a primary pouch for carrying at least one spray inhaler for the **asthma** patient, an elastic band that is disposed on the primary pouch for carrying an intramuscular injection of adrenaline for the **asthma** patient, attaching apparatus for attaching the **asthma** medication pouch to one of the belt, the clothing, and the ankle, and a secondary pouch that is disposed on the primary pouch for carrying **asthma** pills for the **asthma** patient.





ANALYSIS

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
China	7,604	China	8,676	ASTRAZENECA AB	684	A61K	26,489	a61p 11/06	8,842	1992	227	A	15,878
United States of America	5,856	United States of America	7,357	SCHERING CO	481	A61P	16,670	a61p 11/00	6,861	1993	268	A1	5,198
PCT	3,756	PCT	3,756	MERCK AND CO INC	441	C07D	12,619	a61p 29/00	6,126	1994	348	B2	3,159
European Patent Office	3,216	European Patent Office	3,373	NOVARTIS AG	412	C07K	4,009	a61p 43/00	5,657	1995	413	B	2,728
Australia	2,310	Canada	2,743	SMITHKLINE BEECHAM CO	409	C07C	2,444	a61p 37/08	4,770	1996	464	B1	2,629
Canada	2,172	Australia	2,313	GLAXO GROUP LIMITED	327	C12N	2,394	a61p 35/00	3,361	1997	528	C	1,249
Republic of Korea	1,244	Republic of Korea	2,079	PFIZER INC	314	G01N	2,050	a61p 19/02	3,170	1998	655	NPL	1,210
Non-Patent Literature	1,210	New Zealand	1,745	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	299	C12Q	1,355	a61p 17/00	3,132	1999	777	A4	590
New Zealand	1,083	India	1,586	F HOFFMANN LA ROCHE AG	290	A23L	1,118	a61p 25/00	3,132	2000	828	T3	582
Japan	1,063	Japan	1,326	JANSSEN PHARMACEUTICA NV	288	A61M	893	a61p	2,835	2001	1,129	C2	305
India	977	Mexico	1,142	MERCK SHARP AND DOHME CO	268	C07H	850	a61p 1/04	2,828	2002	1,217	C1	282
Mexico	816	Russian Federation	892	ONO PHARMACEUTICAL CO LTD	262	A61B	849	a61p 9/10	2,796	2003	1,451	A2	272
Russian Federation	563	South Africa	509	BRISTOL MYERS SQUIBB COMPANY	256	C12P	696	a61p 37/00	2,638	2004	1,320	E	258
Denmark	462	Malaysia	477			A01N	511	a61p 9/00	2,556	2005	1,479	U	256
Malaysia	460	Philippines	470			G06F	380	a61p 17/06	2,383	2006	1,413	A3	168
South Africa	392	Denmark	462			C07F	341	a61p 37/06	2,357	2007	1,578	B6	128
						C06D	269	a61p	2,204	2009	1,499	A5	72

EN_AB:asthma 🔍

📊 35,099 results Offices all Languages all Stemming true Single Family Member false Include NPL true



ANALYSIS

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
China	7,604	China	8,676	ASTRAZENECA AB	684	A61K	26,489	a61p 11/06	8,842	1992	227	A	15,878
United States of America	5,856	United States of America	7,357	SCHERING CO	481	A61P	16,670	a61p 11/00	6,861	1993	268	A1	5,198
PCT	3,756	PCT	3,756	MERCK AND CO INC	441	C07D	12,619	a61p 29/00	6,126	1994	348	B2	3,159
European Patent Office	3,216	European Patent Office	3,373	NOVARTIS AG	412	C07K	4,009	a61p 43/00	5,657	1995	413	B	2,728
Australia	2,310	Canada	2,743	SMITHKLINE BEECHAM CO	409	C07C	2,444	a61p 37/08	4,770	1996	464	B1	2,629
Canada	2,172	Australia	2,313	GLAXO GROUP LIMITED	327	C12N	2,394	a61p 35/00	3,361	1997	528	C	1,249
Republic of Korea	1,244	Republic of Korea	2,079	PFIZER INC	314	G01N	2,050	a61p 19/02	3,170	1998	655	NPL	1,210
Non-Patent Literature	1,210	New Zealand	1,745	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	299	C12Q	1,355	a61p 17/00	3,132	1999	777	A4	590
New Zealand	1,083	India	1,586	F HOFFMANN LA ROCHE AG	290	A23L	1,118	a61p 25/00	3,132	2000	828	T3	582
Japan	1,063	Japan	1,326			A61M	893	a61p	2,835	2001	1,129	C2	305
						C07H	850	a61p 1/04	2,828	2002	1,217	C1	282

SETTINGS

Reset Close **Save**

Query Office **Result** Download Interface Others

Result List Language
Query Language

Analysis tab open

Analysis type
Table

Analysis graph
pie

No of Items/Group
31

Group by *

- Countries
- Offices
- Applicants
- Inventors
- IPC code
- CPC code
- Publication Dates
- Filing Dates
- Kind code

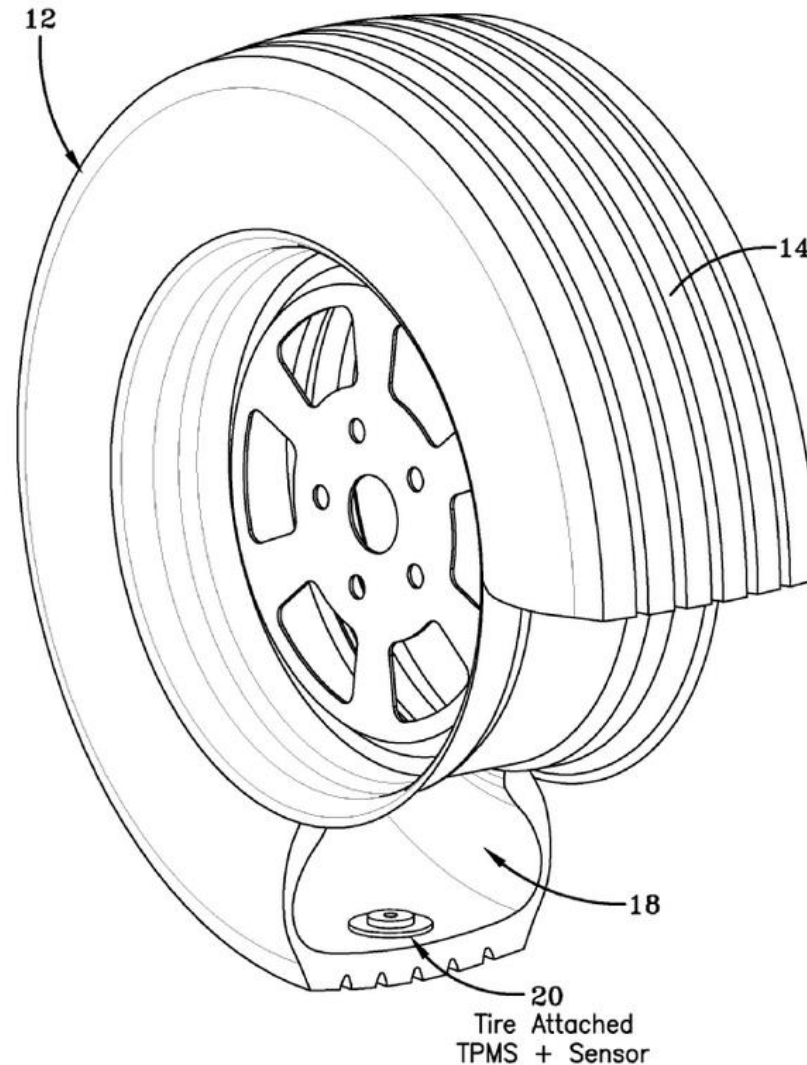
ANALYSIS

Filters Charts Timeseries

	Countries	Offices	Applicants	IPC code	CPC code	Publication Dates	Kind code						
China	7,604	China	8,676	ASTRAZENECA AB	694	A61K	26,463	a61p 11/06	8,842	1992	227	A	15,8
United States of America	6,856	United States of America	7,357	SCHERING CO	481	A61P	16,670	a61p 11/00	6,861	1993	268	A1	5,198
PCT	3,756	PCT	3,756	MERCK AND CO INC	441	C07D	12,619	a61p 29/00	6,126	1994	348	B2	3,159
European Patent Office	3,216	European Patent Office	3,373	NOVARTIS AG	412	C07K	4,009	a61p 43/00	5,657	1995	413	B	2,728
Australia	2,310	Canada	2,743	SMITHKLINE BEECHAM CO	409	C07C	2,444	a61p 37/08	4,770	1996	464	B1	2,629
Canada	2,172	Australia	2,313	GLAXO GROUP LIMITED	327	C12N	2,394	a61p 35/00	3,361	1997	528	C	1,248
Republic of Korea	1,244	Republic of Korea	2,079	PFIZER INC	314	G01N	2,050	a61p 19/02	3,170	1998	655	NPL	1,210
Non-Patent Literature	1,210	New Zealand	1,745	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	299	C12Q	1,355	a61p 17/00	3,132	1999	777	A4	590
New Zealand	1,083	India	1,586	F HOFFMANN LA ROCHE AG	290	A61M	893	a61p	2,835	2001	1,129	C2	305
Japan	1,063	Japan	1,326			C07H	850	a61p 1/04	2,828	2002	1,217	C1	28

b. about *tire pressure measuring device*

- how to make sure that the keywords appear close to each other?
(3 options)





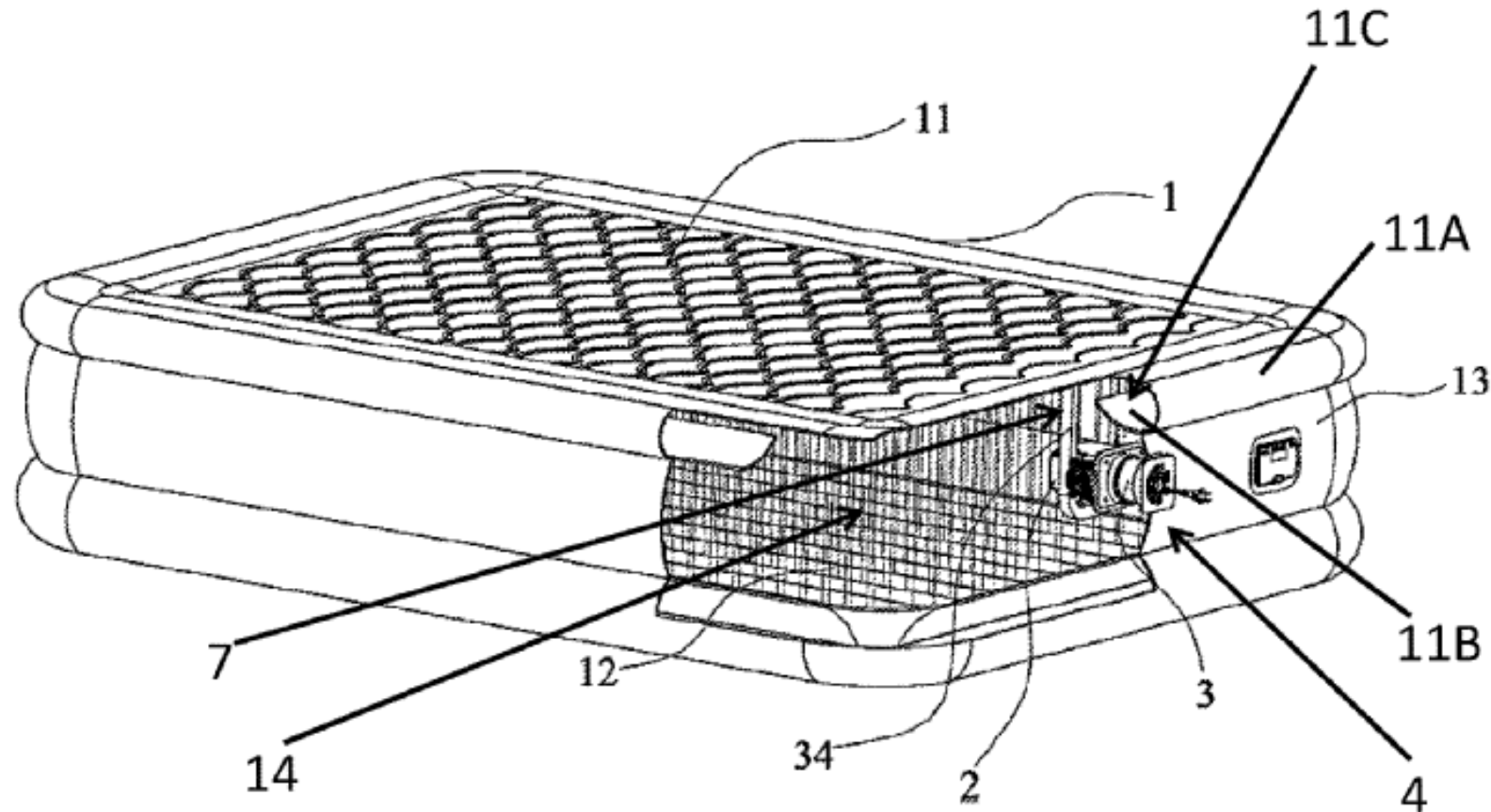
EN_DE: ("tire pressure measuring device")

EN_DE: (tire AND (pressure BEFORE "measuring device"))

EN_DE: (tire NEAR "pressure measuring device")

c. In the English abstract about inflatable bed

- restrict the results to the national collections of Australia, Canada and Germany



EN_AB:(inflatable NEAR6 bed)



1,420 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

< 1/15 >

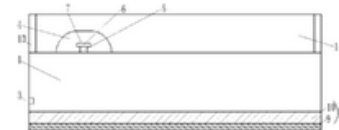
Download ▼ Machine translation ▼

1. [212066284](#) COMBINED INFLATABLE BED

CN - 04.12.2020

Int.Class [A47C 27/10](#) Appl.No 202020587077.4 Applicant XIANGSHUI JIAHUA PLASTIC PRODUCTS CO., LTD. Inventor MA XIAOLEI

The utility model discloses a combined inflatable bed which comprises an inflatable bed body, a plurality of inflatable supporting columns are arranged in the inflatable bed body, the plurality of inflatable supporting columns are communicated with one another, an inflatable air valve is arranged at one end of the inflatable bed body, and the inflatable air valve is used for supplying air to the inflatable bed body and the inflatable supporting columns; and the inflatable back cushion is detachably arranged on the inflatable bed body. According to the combined inflatable bed disclosed by the utility model, the plurality of inflatable supporting columns are arranged in the inflatable bed body, so that the inflatable bed body is supported, a user does not collapse after lying on the inflatable bed body, the user can easily turn over on the inflatable bed body, and the use comfort of the inflatable bed body is improved.

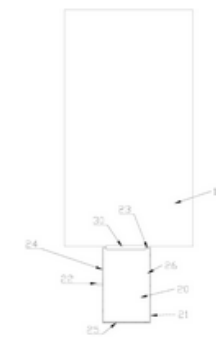


2. [209883589](#) STORAGE TYPE INFLATABLE BED

CN - 03.01.2020

Int.Class [A47C 27/08](#) Appl.No 201920637477.9 Applicant YUYAO CHUANGKE ELECTRICAL APPLIANCE CO., LTD. Inventor GAO RONG

The utility model discloses a storage type inflatable bed. Characterized in that it is characterized in that it comprises, the inflatable bed comprises an inflatable bed body, an inflating opening is formed in the inflatable bed body; the inflatable bed comprises an inflatable bed body, a storage bag is connected to one side of the inflatable bed body, zipper teeth are arranged on the edge of the storage bag, a pull head capable of sliding in the direction of the zipper teeth is arranged on the zipper teeth, the inflatable bed body can be folded after being deflated, and the inflatable bed can be folded into the storage bag for closed storage by pulling the pull head. According to the storage type inflatable bed, the storage bag is connected to one end of the inflatable bed body, when the inflatable bed body is not used, the inflatable bed body can be folded into the storage bag after being deflated, and the storage bag can be closed through the zipper, so that the inflatable bed is convenient to store. The storage type inflatable bed is practical in function, convenient to use, high in practicability and suitable for being widely popularized.



3. [210554370](#) VEHICLE-MOUNTED INFLATABLE BED WITH AIR HOLES

CN - 19.05.2020

Int.Class [B60N 3/00](#) Appl.No 201920946045.6 Applicant NANJING YANTU AUTOMOBILE ARTICLES CO., LTD. Inventor ZHANG YONGQING

The utility model discloses a vehicle-mounted inflatable bed with air holes. The inflatable bed belongs to an inflatable bed product. The inflatable bed comprises an inflatable bed body, a cavity is formed in the





REFINE OPTIONS

Close

Search

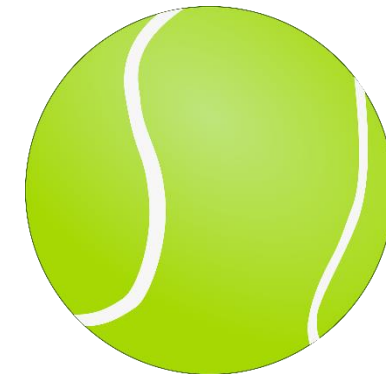
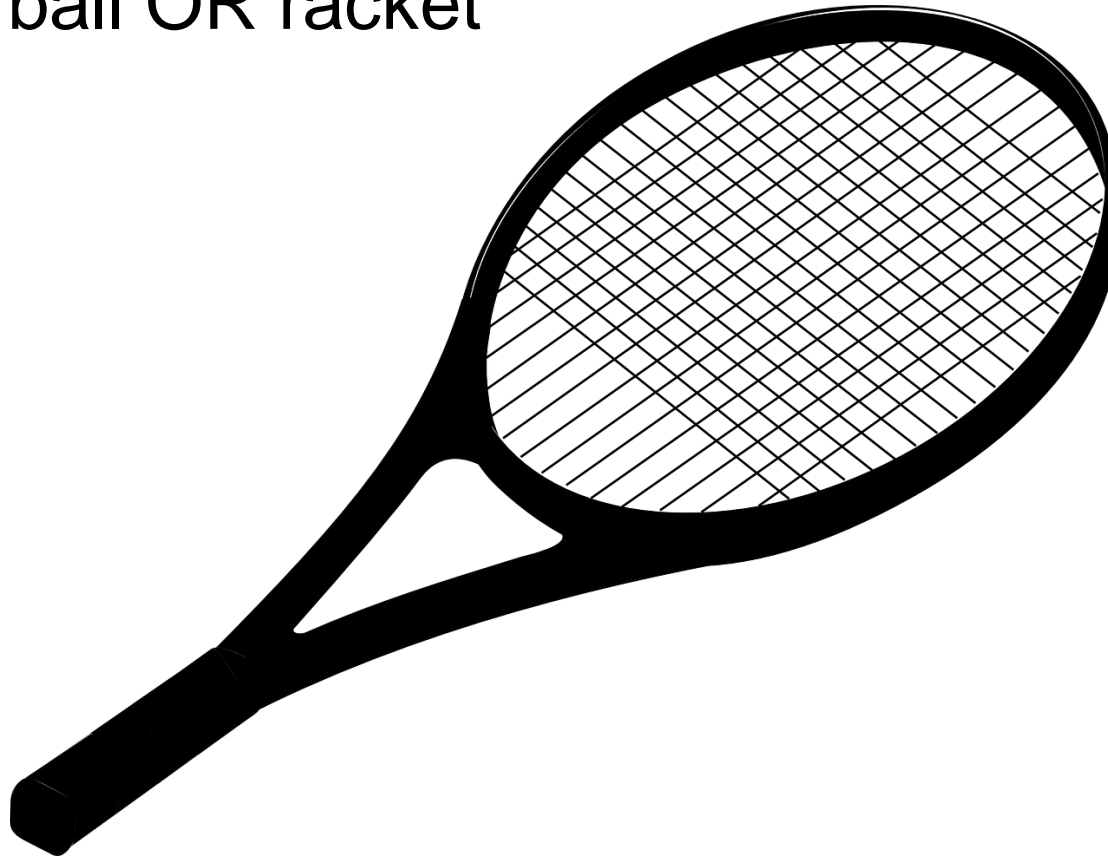
Offices

Canada, Australia, Germany

- All
- PCT
- Africa
 - African Regional Intellectual Property Organization [ARIPO]
 - Kenya
 - South Africa
- ARABPAT
 - Egypt
 - Jordan
 - Morocco
 - Saudi Arabia
 - Tunisia
- Americas
 - Canada
 - United States of America
- LATIPAT
 - Argentina
 - Brazil
 - Chile
 - Colombia
 - Costa Rica
 - Cuba
 - Dominican Republic
 - Ecuador
 - El Salvador
 - Guatemala
 - Honduras
 - Mexico
 - Nicaragua
 - Panama
 - Peru
 - Uruguay
- Asia-Europe
 - Australia
 - Austria
 - Bahrain
 - Bulgaria
 - China
 - Czech Republic
 - Czechoslovakia
 - Denmark
 - Estonia
 - Eurasian Patent Organization
 - European Patent Office
 - Finland
 - France
 - Georgia
 - Germany
 - Germany[DDR data]
 - Greece
 - India
 - Israel
 - Italy
 - Japan
 - Kazakhstan
 - Latvia
 - Lithuania
 - Netherlands
 - New Zealand
 - Poland

d. In the English description, build 2 queries with the following keywords and operators:

tennis AND ball OR racket



EN_DE:((tennis AND ball) OR racket)

4,595 results Offices AU, CA, DE Languages all Stemming true Single Family Member false Include NPL false



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

< 1 / 46 ▾ >

Download ▾ Machine translation ▾

1. **1993051108** TENNIS PRACTICE DEVICE

Int.Class [A63B 69/38](#) Appl.No 51108/93 Applicant Pompeo, Maurizio Inventor

A housing [18] for a tennis racket [10] mostly for teaching purposes has two oval elements [11] intended to stop the ball at a point corresponding to the two faces of the strings. The two oval elements [11] may be connected along the perimeter of the tennis racket [10] by means of an elastic band which is transversely extendable or by means of elastic supports. The two oval elements [11] are preferably provided with orifices and are made of a material which permits to stop the ball at the moment of the impact because the material, when it is coupled with the material which covers the ball, causes the ball to adhere strongly to the tennis racket, but the two elements may be always and repeatedly separated by application of a traction force. Such material may comprise hook and loop fabric for example. The housing may consist only of the two oval elements [11] applicable directly on the face of the strings [20] with retaining means.

AU - 21.05.1998



2. **2008289715** SHAKEHAND TYPE PINGPONG RACKET WITH SUPPORTING PROJECTION PART

Int.Class [A63B 59/04](#) Appl.No 2008289715 Applicant Ryu, Jong Ryeol Inventor Ryu, Jong Ryeol

A table tennis racket for shakehand grip style, in which a player having an index finger in contact with a backhand side of a racket body while grasping a handgrip of the racket with a thumb and middle, ring, and little fingers. The player can enhance powerful offensive strokes, and does not immoderately move his or her wrist when flipping the batting side to use both sides of the racket during a game. A beginner can easily enjoy playing table tennis using both sides of the racket with little slide and shake. The table tennis racket includes a racket body; two hitting surfaces formed on both sides of the body, each of the hitting surfaces covered with a rubber sheet; a handgrip extending downwards from the racket body; and projections extending outwards from an outer surface of the handgrip and supported by player's fingers when a player grips the handgrip.

AU - 15.04.2010



Results will contain: documents with [tennis +



] or documents with



EN_DE:(tennis AND (ball OR racket))

3,714 results Offices AU, CA, DE Languages all Stemming true Single Family Member false Include NPL false



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

< 1/38 ▾ >

Download ▾ Machine translation ▾

1. **1993051108** TENNIS PRACTICE DEVICE

Int.Class [A63B 69/38](#) Appl.No 51108/93 Applicant Pompeo, Maurizio Inventor

A housing [18] for a tennis racket [10] mostly for teaching purposes has two oval elements [11] intended to stop the ball at a point corresponding to the two faces of the strings. The two oval elements [11] may be connected along the perimeter of the tennis racket [10] by means of an elastic band which is transversely extendable or by means of elastic supports. The two oval elements [11] are preferably provided with orifices and are made of a material which permits to stop the ball at the moment of the impact because the material, when it is coupled with the material which covers the ball, causes the ball to adhere strongly to the tennis racket, but the two elements may be always and repeatedly separated by application of a traction force. Such material may comprise hook and loop fabric for example. The housing may consist only of the two oval elements [11] applicable directly on the face of the strings [20] with retaining means.

AU - 21.05.1998



2. **2008289715** SHAKEHAND TYPE PINGPONG RACKET WITH SUPPORTING PROJECTION PART

Int.Class [A63B 59/04](#) Appl.No 2008289715 Applicant Ryu, Jong Ryeol Inventor Ryu, Jong Ryeol

A table tennis racket for shakehand grip style, in which a player having an index finger in contact with a backhand side of a racket body while grasping a handgrip of the racket with a thumb and middle, ring, and little fingers. The player can enhance powerful offensive strokes, and does not immoderately move his or her wrist when flipping the batting side to use both sides of the racket during a game. A beginner can easily enjoy playing table tennis using both sides of the racket with little slide and shake. The table tennis racket includes a racket body; two hitting surfaces formed on both sides of the body, each of the hitting surfaces covered with a rubber sheet; a handgrip extending downwards from the racket body; and projections extending outwards from an outer surface of the handgrip and supported by player's fingers when a player grips the handgrip.

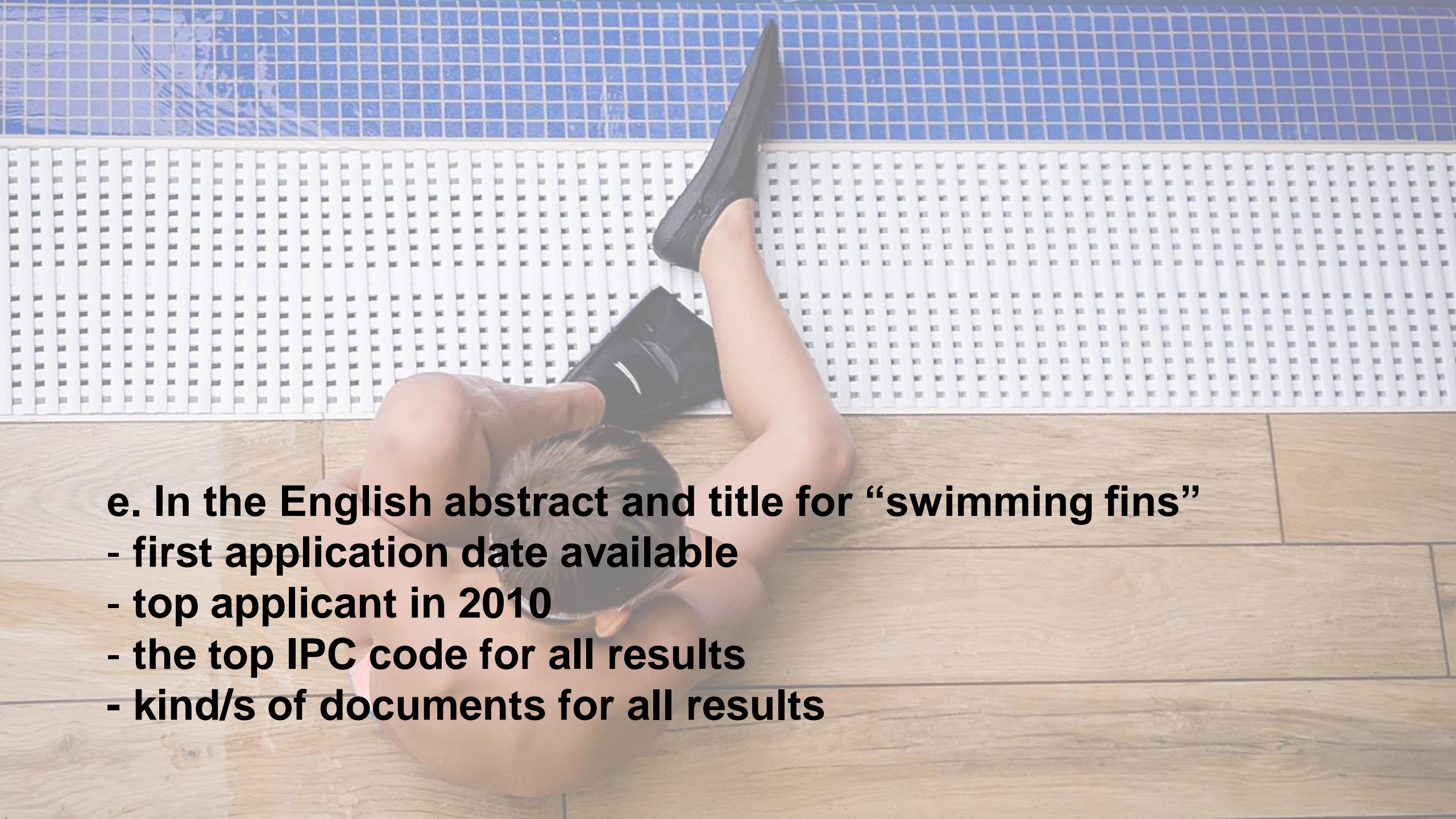
AU - 15.04.2010



3. **1994063569** RACKET HANDLE

AU - 12.02.1998

Results will contain: documents with [tennis + ] or documents with [tennis + ]

- 
- e. In the English abstract and title for “swimming fins”**
- first application date available**
 - top applicant in 2010**
 - the top IPC code for all results**
 - kind/s of documents for all results**



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



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

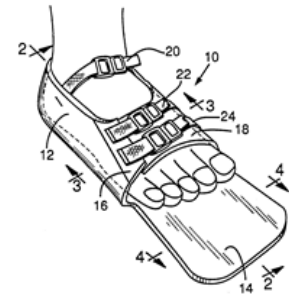
< 1/4 >

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1. 5259798 SWIM FINInt.Class [A63B 31/11](#) ? Appl.No 07730129 Applicant John L. Runckel Trust, John L. Runckel and Markie W. Runckel, Cotrustees Inventor Runckel John L.

A **swim fin** which comprises a unitary member having a foot region, a blade gion and a device for securing the foot of a swimmer to the **swim fin**. The **swim fin** includes an expanse of water-buoyant material which provides for a **swim fin** which is water-buoyant as a whole. The **swim fin** is designed such that it may be easily applied to a user's foot and comfortably used both in and out of the water.

US - 09.11.1993

**2. 2408693 SWIM FINS**Int.Class [A63B 31/11](#) ? Appl.No 0503979 Applicant MUN SANG-HYUB Inventor MUN SANG-HYUB

Disclosed herein are **swim fins** having a length corresponding to about one and half times of a shoe length thereof. The **swim fin** comprises a silicone rubber shoe (1) and a hooked short plastic fin panel (2), which are formed by compression molding. In order to prevent a flow of water passing over the **swim fin** from being rapidly dispersed laterally, the fin panel (2) of the **swim fin** is bent downwardly by an angle of 45° to form a hooked end portion. The hooked end portion of the fin panel (2) is blocked at both sides thereof, and formed with an air/water circulation slot (7) at the respective blocked sides. Such a **swim fin** can increase a transmission effect of kicking motion energy when it draws water and push the drawn water backward. Especially, the **swim fin** generates a buoyancy propulsive force during butterfly stroke, thereby enabling the swimmer's body to easily rise to the water's surface.

GB - 06.04.2005

**3. 2003248485 SWIM FINS**Int.Class [A63B 31/11](#) ? Appl.No 2003248485 Applicant Mun, Sang-Hyub Inventor Mun, Sang-Hyub

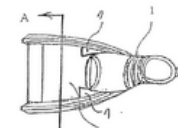
Disclosed herein are **swim fins** having a length corresponding to about one and half times of a shoe length thereof. The **swim fin** comprises a silicone rubber shoe (1) and a hooked short plastic fin panel (2), which are formed by compression molding. In order to prevent a flow of water passing over the **swim fin** from being rapidly dispersed laterally, the fin panel (2) of the **swim fin** is bent downwardly by an angle of 45° to form a hooked end portion. The hooked end portion of the fin panel (2) is blocked at both sides thereof, and formed with an air/water circulation slot (7) at the respective blocked sides. Such a **swim fin** can increase a transmission effect of kicking motion energy when it draws water and push the drawn water backward. Especially, the **swim fin** generates a buoyancy propulsive force during butterfly stroke, thereby enabling the swimmer's body to easily rise to the water's surface.

AU - 16.10.2003

1/5

Drawings

Fig 1



		Field	Front Page	▼	Value		?	
Operator	AND	▼	Field	English Abstract	▼	Value	"swimming fins"	?
Operator	AND	▼	Field	English Title	▼	Value	"swimming fins"	?
Operator	AND	▼	Field	Publication Date	▼	Value		?
Operator	AND	▼	Field	All Classifications	▼	Value		?
Operator	AND	▼	Field	All Classifications	▼	Is Empty:	N/A	▼
Operator	AND	▼	Field	Licensing availability	▼	<input type="checkbox"/>		

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Offices
All ▼

Languages
All ▼

Stemming

Single Family Member

Include NPL

Sort: App Date Asc ▼

Per page: 100 ▼ View: All+Image ▼

< 1/4 ▼ >

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1. **190628657** IMPROVEMENTS IN **SWIMMING FINS**.

Int.Class Appl.No 190628657D Applicant KIRKWOOD ROBERT Inventor KIRKWOOD ROBERT

28,657. Kirkwood, R. Dec. 15. Swimming - appliances. - A **swimming fin** B for attachment to the arm is secured to a part b hinged to a standard A, which is provided at one end with a handle A' and at the other end with a spring stop a<2> for the fin and an arm-strap a'. A fin, Fig. 5, for attachment to the foot consists of parts D hinged to a sole-piece C, which is strapped to the foot. Cords D' keep the parts open while the swimmer is entering the water.

GB - 14.12.1907

NO
IMAGE
AVAILABLE

ANALYSIS

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
United States of America	5	United States of America	6	JOHNSON MARK R	2	A63B	12	a63b 31/11	5	2010-01	2	A1	4
PCT	3	PCT	3	MARES SPA	2			a63b	3	2010-02	0	A	3
Canada	2	Canada	2	NIEFORTH TERRY	2			a63b 2031/112	1	2010-03	1	B2	3
European Patent Office	1	European Patent Office	1	TWOMBLY SUSAN M	2					2010-04	2	B1	2
France	1	France	1	BIPPO INNOVATIONS AB	1					2010-05	2		
				DECATHLON SA	1					2010-06	0		
				HSU CHIEN CHENG	1					2010-07	1		
				SHIEH STEVE	1					2010-08	0		
				WALLMARK ANDREAS	1					2010-09	0		
										2010-10	3		
										2010-11	0		
										2010-12	1		

PUBLICATION_DATE=2010

ANALYSIS

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
United States of America	177	United States of America	186	EVANS ROBERT B	20	A63B	346	a63b 31/11	240	1992	6	A	164
PCT	42	PCT	42	MCCARTHY PETER T	13	B63H	18	a63b	42	1993	4	B1	67
European Patent Office	29	European Patent Office	34	MCCARTHY PETER THOMAS	11	B63B	14	a63b 2031/112	38	1994	11	A1	50
Australia	22	Australia	22	CICCOTELLI STEPHEN S	8	B63C	13	a63b 2031/115	26	1995	6	B2	44
United Kingdom	19	United Kingdom	20	CRESSI SUB SPA	7	A43B	9	b63h 1/36	15	1996	6	A4	9
China	16	China	19	MARES SPA	6	A61F	4	b63h 16/04	15	1997	9	C	5
France	12	France	12	JOHNSON MARK R	5	B23D	4	b63b 1/248	14	1998	10	U	5
Canada	9	Canada	10	JOSEPH D MARESH	5	A43C	3	b63b 2039/063	14	1999	15	B	4
Japan	7	Japan	9	KRAUSE TOMASZ	5	A44B	2	b63h 1/26	14	2000	11	A3	1
Republic of Korea	7	Republic of Korea	8	CADORETTE RON	4	F04B	2	b63h 25/382	14	2001	20	U1	1
Germany	3	Germany	4	DECATHLON SA	4	F16C	2	a63b 31/12	13	2002	12		
Greece	2	Mexico	3	HTM SPORT SPA	4	A41D	1	a63b 31/14	12	2003	13		
India	1	Greece	2	KRANSCO	4	A41F	1	a63b 2225/09	10	2004	12		
						A63C	1	a63b 31/10	10	2005	9		

3. When you use *electricity* in your searches in PATENTSCOPE, what keywords will be included by default in the documents in the result list?



WILDCARD VS STEMMING

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

Enter a word

electricity



Compare to

Stemming electricity	Wildcard electricity*
electric	electricity
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electrically	
electricity	
electrics	
electricly	
electrization	
electr	

4. Subscribe to the RSS feed for the following search:

- *traffic signal* in front page;
- publication date 2021 and
- applicant Qualcomm



**1. 114078241 TRAFFIC SIGNAL LAMP DETECTION METHOD AND DEVICE, ELECTRONIC EQUIPMENT AND STORAGE MEDIUM**

CN - 22.02.2022

Int.Class G06V 20/58 ? Appl.No 202111385009.5 Applicant TIANJIN TIANTONG WEISHI ELECTRONIC TECHNOLOGY CO., LTD. Inventor XU HONGLI

The invention discloses a traffic signal lamp detection method and device, electronic equipment and a storage medium, and the method comprises the steps: marking a traffic signal lamp position and a traffic signal lamp type on a collected traffic signal lamp image, and obtaining a traffic signal lamp marking image and a traffic signal lamp marking file; performing oversampling processing on the traffic signal lamp marking image to obtain a traffic signal lamp preprocessing image, determining a traffic signal lamp position area from the traffic signal lamp marking file, and copying the traffic signal lamp position area to a mapping area in the traffic signal lamp preprocessing image to obtain a traffic signal lamp intermediate image; and detecting the intermediate image of the traffic signal lamp to obtain a target traffic signal lamp detection result. According to the invention, the number of the small targets is increased by copying the position area of the traffic signal lamp, so that the number of the matched traffic signal lamps is also increased, the detection rate of the traffic signal lamps is improved, and the situations of missing detection and false detection caused by small traffic signal lamp targets are effectively reduced.

**2. 2012193974 MOBILE COMMUNICATION DEVICE AND METHOD FOR DETERMINING TIME-DIFFERENCE SYSTEM TRAFFIC SIGNAL**

JP - 11.10.2012

Int.Class G01C 21/26 ? Appl.No 20111056314 Applicant SANYO ELECTRIC CO LTD Inventor KOYAMA MASAHIKO

PROBLEM TO BE SOLVED: To provide a mobile communication device and a method for determining a time-difference system traffic signal which determine whether a traffic signal is a time-difference system traffic signal based on traffic signal information which does not include traffic signal attribute information.

SOLUTION: A mobile communication device installed in a moving body comprises: a communication unit for receiving information including signal display at a predetermined time point in a traffic signal corresponding to routes and/or information which can determine a time until when the traffic signal corresponding to routes changes the signal display at the predetermined time point to next signal display; and a control unit which, in one traffic signal and another traffic signal installed opposite to the traffic signal in the same intersection, determines at least the traffic signal as a time-difference system traffic signal when signal display of the traffic signal at a predetermined time point is different from signal display of the other traffic signal, or when a time until when the traffic signal changes the signal display at the predetermined time point to next signal display is different from a time until when the other traffic signal changes the signal display to next signal display.



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3. 101319986* WIRELESS COMMUNICATION TRAFFIC SIGNAL CONTROL SYSTEM

KR - 14.10.2013

Int.Class G08G 1/09 ? Appl.No 1020130049040 Applicant Inventor KIM, GEON GOOK

FP:(traffic NEAR8 signal)



1,907 results Offices all Languages all Stemming true Single Family Member false Include NPL false



PUBLICATION_DATE=2021

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

1/20

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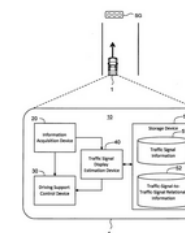
1. 3770880 TRAFFIC SIGNAL DISPLAY ESTIMATION SYSTEM

Int.Class G08G 1/0962 Appl.No 20186062 Applicant TOYOTA MOTOR CO LTD Inventor HAYASHI YUSUKE

A traffic signal display estimation system [70] recognizes, based on the position information of a vehicle [1] and a traffic signal information, a traffic signal included in a camera image, identifies a traffic signal display for each recognized traffic signal, and calculates, for each traffic signal, a first evaluation value indicating the certainty of the identified traffic signal display. The system [70] integrates, based on a traffic-signal-to-traffic-signal relational information, a forward traffic signal that is ahead of the travelling direction and that the vehicle [1] should follow and a traffic signal correlated with the forward traffic signal in terms of the traffic signal display, among a plurality of recognized traffic signals. When there is an inconsistency in traffic signal displays identified between a plurality of integrated traffic signals, the system [70] determines a first estimated traffic signal display of the forward traffic signal, based on the first evaluation value for each traffic signal.

EP - 27.01.2021

Fig. 1

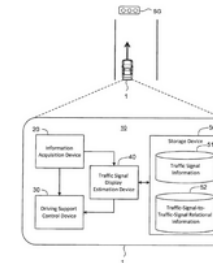


2. 20210027076 TRAFFIC SIGNAL DISPLAY ESTIMATION SYSTEM

Int.Class G06K 9/00 Appl.No 16931760 Applicant Toyota Jidosha Kabushiki Kaisha Inventor Yusuke Hayashi

A traffic signal display estimation system recognizes, based on the position information of a vehicle and a traffic signal information, a traffic signal included in a camera image, identifies a traffic signal display for each recognized traffic signal, and calculates, for each traffic signal, a first evaluation value indicating the certainty of the identified traffic signal display. The system integrates, based on a traffic-signal-to-traffic-signal relational information, a forward traffic signal that is ahead of the travelling direction and that the vehicle should follow and a traffic signal correlated with the forward traffic signal in terms of the traffic signal display, among a plurality of recognized traffic signals. When there is an inconsistency in traffic signal displays identified between a plurality of integrated traffic signals, the system determines a first estimated traffic signal display of the forward traffic signal, based on the first evaluation value for each traffic signal.

US - 28.01.2021



FP:(traffic NEAR8 signal) AND DP:2021



1,907 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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1/20

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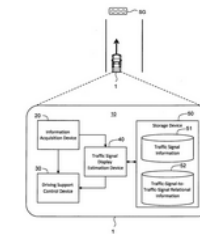
1. 3770880 TRAFFIC SIGNAL DISPLAY ESTIMATION SYSTEM

Int.Class G08G 1/0962 Appl.No 20186062 Applicant TOYOTA MOTOR CO LTD Inventor HAYASHI YUSUKE

A traffic signal display estimation system [70] recognizes, based on the position information of a vehicle [1] and a traffic signal information, a traffic signal included in a camera image, identifies a traffic signal display for each recognized traffic signal, and calculates, for each traffic signal, a first evaluation value indicating the certainty of the identified traffic signal display. The system [70] integrates, based on a traffic-signal-to-traffic-signal relational information, a forward traffic signal that is ahead of the travelling direction and that the vehicle [1] should follow and a traffic signal correlated with the forward traffic signal in terms of the traffic signal display, among a plurality of recognized traffic signals. When there is an inconsistency in traffic signal displays identified between a plurality of integrated traffic signals, the system [70] determines a first estimated traffic signal display of the forward traffic signal, based on the first evaluation value for each traffic signal.

EP - 27.01.2021

Fig. 1

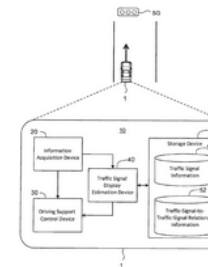


2. 20210027076 TRAFFIC SIGNAL DISPLAY ESTIMATION SYSTEM

Int.Class G06K 9/00 Appl.No 16931760 Applicant Toyota Jidosha Kabushiki Kaisha Inventor Yusuke Hayashi

A traffic signal display estimation system recognizes, based on the position information of a vehicle and a traffic signal information, a traffic signal included in a camera image, identifies a traffic signal display for each recognized traffic signal, and calculates, for each traffic signal, a first evaluation value indicating the certainty of the identified traffic signal display. The system integrates, based on a traffic-signal-to-traffic-signal relational information, a forward traffic signal that is ahead of the travelling direction and that the vehicle should follow and a traffic signal correlated with the forward traffic signal in terms of the traffic signal display, among a plurality of recognized traffic signals. When there is an inconsistency in traffic signal displays identified between a plurality of integrated traffic signals, the system determines a first estimated traffic signal display of the forward traffic signal, based on the first evaluation value for each traffic signal.

US - 28.01.2021



FP:(traffic NEAR8 signal) AND PA:qualcomm



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



X PUBLICATION_DATE=2021

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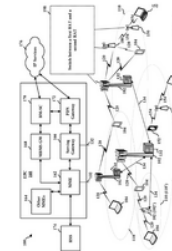
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1. **3793306** METHOD AND APPARATUSES FOR SUSPENDING TRAFFIC IN A FREQUENCY BAND

EP - 17.03.2021

Int.Class [H04W 72/12](#) ⓘ Appl.No 20206163 Applicant [QUALCOMM INC](#) Inventor LI CHONG

Various types of communication may switch from an unlicensed spectrum to a licensed spectrum. MiCr communication may be synchronized based on transmission time intervals (TTIs), which may improve the duration required to switch between bands. A MiCr system may transmit a **signal** to temporarily suspend other **traffic** in a licensed band so that MiCr communication may occur. For example, an apparatus may be configured to determine synchronization between a first radio access technology (RAT) and a second RAT based on transmission time intervals associated with the first RAT and transmission time intervals associated with the second RAT, switch from the first RAT to the second RAT after the determined synchronization between the first RAT the second RAT. Further, the apparatus may transmit a silencing **signal** to suspend **traffic** in the second RAT.

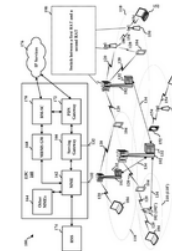


2. **3793305** METHOD AND APPARATUSES FOR SUSPENDING TRAFFIC IN A FREQUENCY BAND

EP - 17.03.2021

Int.Class [H04L 5/00](#) ⓘ Appl.No 20206162 Applicant [QUALCOMM INC](#) Inventor LI CHONG

Various types of communication may switch from an unlicensed spectrum to a licensed spectrum. MiCr communication may be synchronized based on transmission time intervals (TTIs), which may improve the duration required to switch between bands. A MiCr system may transmit a **signal** to temporarily suspend other **traffic** in a licensed band so that MiCr communication may occur. For example, an apparatus may be configured to determine synchronization between a first radio access technology (RAT) and a second RAT based on transmission time intervals associated with the first RAT and transmission time intervals associated with the second RAT, switch from the first RAT to the second RAT after the determined synchronization between the first RAT the second RAT. Further, the apparatus may transmit a silencing **signal** to suspend **traffic** in the second RAT.



FP:(traffic NEAR8 signal) AND PA:qualcomm



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



SAVE QUERY

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Query Name *

traffic_signal_qualcomm

Query Text *

FP:(traffic NEAR8 signal) AND PA:qualcomm

Private Query

A collection of vintage toys including robots, cars, and a bus. The background is a blurred display of various toys, including a large green robot, a blue robot, a red robot, and a white rabbit figurine. In the foreground, there are several toy cars, including a red car, a blue car, and a yellow car. A red double-decker bus is also visible, with the word 'ROUTEMASTER' on its side. The overall scene is a dense collection of colorful, classic toys.

5. Perform a search to retrieve documents about toy for children/infant

- select 3 published PCT application of 2022

- add them to the Watched list

ADVANCED SEARCH ▼

EN_DE:(toy AND (child OR children OR kid OR infant))

Query Assistant [Query Examples](#)

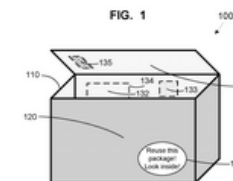
Expand with related terms

Offices PCT	▼
Languages All	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

**1. [WO/2022/173876](#) PACKAGING ARTICLE CAPABLE OF PROVIDING FOR FORMING A SECOND ARTICLE**Int.Class [B65D 5/52](#) Appl.No PCT/US2022/015882 Applicant SINOMAX USA INC. Inventor RAMOS, Jefre

I disclose a packaging article, comprising a wall having an outer surface configured to be visible to consumers and an inner surface configured to secure a product; wherein the wall comprises one or more regions configured to be extracted from the wall, wherein all borders of the region or regions are identified on the inner surface and the region or regions are configured to form a second article or articles other than the packaging article. I also disclose methods of forming the packaging article.

WO - 18.08.2022

**2. [WO/2022/173561](#) SYSTEMS, METHODS, AND GRAPHICAL USER INTERFACES FOR AUTOMATIC MEASUREMENT IN AUGMENTED REALITY ENVIRONMENTS**Int.Class [G06F 3/01](#) Appl.No PCT/US2022/012856 Applicant APPLE INC. Inventor DRYER, Allison, W.

A computer system displays a visual prompt to move a body part into a field of view of one or more cameras. The computer system detects a portion of a user's body that is in the field of view of the one or more cameras and corresponds to the body part. The computer system displays a representation of the portion of the user's body, including: in accordance with a determination that the portion of the user's body meets first position criteria, displaying, via the display device, the representation of the portion of the user's body that is in the field of view of the one or more cameras with a first degree of transparency, and in accordance with a determination that the portion of the user's body fails to meet first criteria, displaying the representation of the portion of the user's body to have a second degree of transparency.

WO - 18.08.2022

**3. [WO/2022/173333](#) COMPOUNDS, COMPOSITIONS AND METHODS FOR TREATING AGE-RELATED DISEASES AND CONDITIONS**Int.Class [A61K 45/00](#) Appl.No PCT/RU2022/050044 Applicant GERO PTE. LTD. Inventor TARKHOV, Andrei Evgenevich

We disclose the anti-aging, senolytic and other therapeutic effects of compounds and their analogs and combinations described herein as well as related methods of treatment.

WO - 18.08.2022

**NO
IMAGE
AVAILABLE**

EN_AB:(toy NEAR15 (infant OR child OR kid OR children))



9,810 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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1 / 99

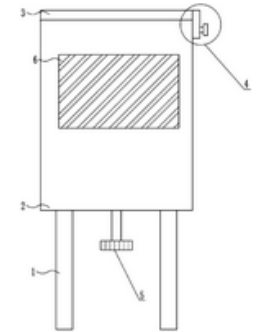
- Relevance
- Pub Date Desc
- Pub Date Asc
- App Date Desc
- App Date Asc

1. **CHILDREN TOY ALL-DIMENSIONAL EXHIBITION EQUIPMENT FOR CHILDREN TOY SALE**

CN - 20.10.2017

Int.Class **A63G 13/06** ? Appl.No 201710642367.7 Applicant LI XIULI Inventor LI XIULI

The invention provides **children toy** exhibition equipment for **children toy** sale, in particular to **children toy** all-dimensional exhibition equipment for **children toy** sale. The invention aims to solve the technical losses. To solve the technical problem, the invention provides the **children toy** all-dimensional exhibition equipment for **children toy** sale, and the **children toy** all-dimensional exhibition equipment comprises supporting legs and an exhibition box. The exhibition box is arranged on top of the supporting legs, a box cover is arranged on top of the exhibition box, and the box cover is matched with the exhibition box. The left side of the box cover is hinged to the exhibition box through a hinged pin, and a locking device is arranged on the right side of the box cover. The **children toy** all-dimensional exhibition equipment for **children toy** sale has a good exhibition effect and can protect toys against contamination and damage, and reduce economic losses.

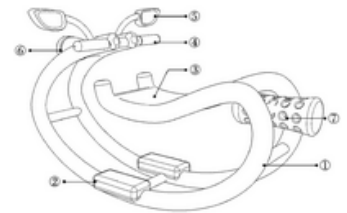


2. **106693369 ROCKING CHAIR TOY FOR CHILDREN**

CN - 24.05.2017

Int.Class **A63G 13/06** ? Appl.No 201510771877.5 Applicant CHEN XIAOGUANG Inventor DENG WEI

Provided is a rocking chair **toy** for **children**. The rocking chair for children is skillfully provided with various functions, and the form of the chair is also rich in changes. We hope to design a rocking chair **toy** for **children** with novel and interesting shape, and give the rocking chair **toy** for **children** a variety ways of use, so that the rocking chair **toy** for **children** has a strong functional usability. Compared with traditional rocking chairs for **children**, the rocking chair **toy** for **children** combines the shape features of rocking chairs and small cars, and integrates shaping elements of dragon, and the overall shape is novel and unique. The rocking chair can be seated and lied in, meets different using requirements, and has good usability.



3. **108014505 CHILDREN'S TOY ELECTRIC VEHICLE**

CN - 11.05.2018

ANALYSIS

Close

Filters Charts Timeseries

Countries	Offices	Applicants	IPC code	CPC code	Publication Dates	Kind code
PCT 7	PCT 7	ALPHA GROUP CO LTD 2	A63H 5	a63h 6	2022-01 0	A 7
		GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO LTD 2	C08J 1	c08j 1	2022-02 1	
		CESKE VYSOKE UCENI TECHNICKE V PRAZE 1	E04B 1	e04b 1	2022-03 2	
		GUANGDONG SEMBO CULTURE INDUSTRY CO LTD 1	E04F 1	e04f 1	2022-04 0	
		NA SANG KWON 1	G09B 1	g09b 1	2022-05 2	
		SHANTOU HUALONG TOYS CO LTD 1			2022-06 0	
		ZHEJIANG ZHIMU TOYS CO LTD 1			2022-07 2	
					2022-08 0	
					2022-09 0	
					2022-10 0	
					2022-11 0	
					2022-12 0	

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1. **WO/2022/035077** INTERLAYER HEAT AND SOUND INSULATION MATERIAL OF BUILDING

WO - 17.02.2022

Int.Class [E04F 15/20](#) ⓘ Appl.No PCT/KR2021/009330 Applicant NA, Sang Kwon Inventor NA, Sang Kwon


The present invention relates to a heat and sound insulation material capable of reducing the transfer of both a heavy impact sound and a light impact sound, which are interlayer floor impact sounds of a building and, more specifically, provides an interlayer heat and sound insulation material of a building, wherein an impact reduction member, which is compression foam molded by comprising a thermoplastic elastomer



1. WO2022173876 - PACKAGING ARTICLE CAPABLE OF PROVIDING FOR FORMING A SECOND ARTICLE



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

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Publication Number

WO/2022/173876

Publication Date

18.08.2022

International Application No.

PCT/US2022/015882

International Filing Date

09.02.2022

IPC

B65D 5/52 2006.1 B65D 81/36 2006.1

Applicants

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ANDERSON, Alysabeth
ELLIS, Courtney

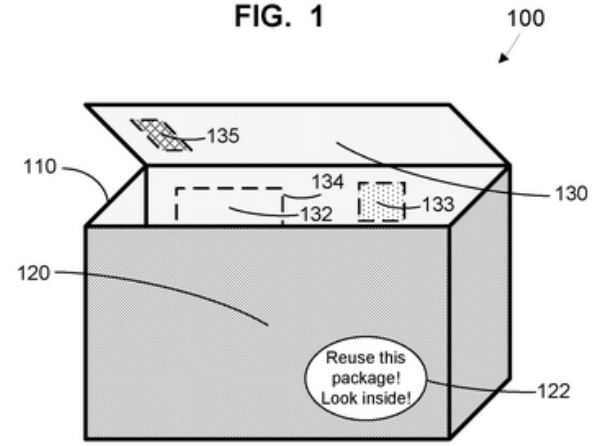
Agents

JOHN, Jaison

Title

[EN] PACKAGING ARTICLE CAPABLE OF PROVIDING FOR FORMING A SECOND ARTICLE
[FR] EMBALLAGE PERMETTANT DE FORMER UN DEUXIÈME ARTICLE

FIG. 1



Abstract

[EN] I disclose a packaging article, comprising a wall having an outer surface configured to be visible to consumers and an inner surface configured to secure a product; wherein the wall comprises one or more regions configured to be extracted from the wall, wherein all borders of the region or regions are identified on the inner surface and the region or regions are configured to form a second article or articles other than the packaging article. I also disclose methods of forming the packaging article.

[FR] La divulgation concerne un emballage, comprenant une paroi ayant une surface externe conçue pour être visible par des consommateurs et une surface interne conçue pour fixer un produit; la paroi comprenant une ou plusieurs régions conçues pour être extraites de la paroi, toutes les bordures de la ou des régions étant identifiées sur la surface interne et la ou les

2. WO2022173561 - SYSTEMS, METHODS, AND GRAPHICAL USER INTERFACES FOR AUTOMATIC MEASUREMENT IN AUGMENTED REALITY ENVIRONMENTS



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

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Publication Number

WO/2022/173561

Title

[EN] SYSTEMS, METHODS, AND GRAPHICAL USER INTERFACES FOR AUTOMATIC MEASUREMENT IN AUGMENTED REALITY ENVIRONMENTS

[FR] SYSTÈMES, PROCÉDÉS ET INTERFACES UTILISATEUR GRAPHIQUES POUR UNE MESURE AUTOMATIQUE DANS DES ENVIRONNEMENTS DE RÉALITÉ AUGMENTÉE

Publication Date

18.08.2022

International Application No.

PCT/US2022/012856

International Filing Date

19.01.2022

IPC

G06F 3/01 2006.1 A41H 1/02 2006.1

G06Q 30/06 2012.1 G06V 40/10 2022.1

Applicants

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Inventors

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YERKES, Giancarlo
FORSELL, Lisa, K.

Agents

WILLIAMS, Gary
BERNSTEIN, David, B.

Abstract


[EN] A computer system displays a vis



3. WO2022173333 - COMPOUNDS, COMPOSITIONS AND METHODS FOR TREATING AGE-RELATED DISEASES AND CONDITIONS



PCT Biblio. Data Description Claims Drawings National Phase Notices Compounds Documents

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Publication Number

WO/2022/173333

Title

[EN] COMPOUNDS, COMPOSITIONS AND METHODS FOR TREATING AGE-RELATED DISEASES AND CONDITIONS

[FR] COMPOSÉS, COMPOSITIONS ET MÉTHODES DE TRAITEMENT DE MALADIES ET D'ÉTATS LIÉS À L'ÂGE

Publication Date

18.08.2022

Abstract

[EN] We disclose the anti-aging, senolytic and other therapeutic effects of compounds and their analogs and combinations described herein as well as related methods of treatment.

International Application No.

PCT/RU2022/050044

International Filing Date

09.02.2022

IPC

A61K 45/00 2006.1 A61K 38/00 2006.1

A61P 9/00 2006.1 A61P 25/16 2006.1

A61P 25/28 2006.1 A61P 3/06 2006.1

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Applicants

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AVKHACHEV, Konstantin Aleksandrovich
DUMICHTOVA, Olga Andreevna

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WO2021215913		04.03.2022		04.03.2022	 
WO2022017887					 
WO2022035077				17.03.2022	 
WO2022067359	07.04.2022	07.04.2022		05.05.2022	 
WO2022067374	07.04.2022	07.04.2022		05.05.2022	 
WO2022067389	07.04.2022	07.04.2022		05.05.2022	 
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WO2022075796	14.04.2022	14.04.2022		12.05.2022	 
WO2022077044	21.04.2022	21.04.2022		19.05.2022	 
WO2022104667		27.05.2022		23.06.2022	 
WO2022144052	07.07.2022	07.07.2022		04.08.2022	 

Last Document Update	
	14.07.2022
	04.03.2022



**6. Transform the query below
so that it is done in Spanish**

EN_CL: (“shaving head”) AND DP:2018



LINGUISTIC SEARCH [CONCEPT MAP SEARCH](#)

[API](#)

[COVID-19 GLOSSARY](#)



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0 hits. Search for automated suggestions in PATENTSCOPE CLIR?

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Yes

CROSS LINGUAL EXPANSION ▾

Search terms... *

"shaving head"

Query Language

English ▾

The language of your query

Expansion Mode:

Automatic

Supervised

Use the **Supervised** mode to select the technical domains, the relevant variants, the languages to translate your query to and the fields to search by

Precision level

High ▾

Influences the precision of the suggested variants.

Highest level considers only the most relevant ones [less suggested variants]

Lowest level considers the less relevant as well [more suggested variants]

Search

EN_AB:("shaving head" OR "cutting head") OR FR_AB:("tête de rasage" OR "tête de coupe" OR "tête de découpe" OR "tête coupante" OR "tête flottante") OR DE_AB:("Schneidkopf" OR "Rasierkopf" OR ')



26,269 results Offices all Languages all Stemming true Single Family Member false Include NPL false




FULL QUERY

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EN_AB:("shaving head" OR "cutting head") OR FR_AB:("tête de rasage" OR "tête de coupe" OR "tête de découpe" OR "tête coupante" OR "tête flottante") OR DE_AB:("Schneidkopf" OR "Rasierkopf" OR "schramkopf" OR "Schrämkopf" OR "Scherkopfes") OR ES_AB:("cabezal de afeitado" OR "cabeza de corte" OR "cabeza de afeitadora que posee" OR "cabezal de aparato de afeitar" OR "disposición de cabeza de afeitado" OR "cabezal cortador" OR "cabeza afeitadora" OR "cabeza de rasurar" OR "dotada con un cabezal rasurador") OR PT_AB:("cabeça de corte" OR "cabeça de barbear" OR "cabeçote cortante" OR "cabeçote de barbear" OR "cabeça de recorte" OR "cabeça fresadora") OR JA_AB:("シェービングヘッド" OR "裁断ヘッド" OR "切断ヘッド" OR "げそりヘッド" OR "切削ヘッド" OR "カッターヘッド" OR "剃りヘッドホルダ" OR "そりヘッド" OR "切削加工ヘッド") OR RU_AB:("и головка бритвы" OR "головки бритвы и" OR "бритвенную головку" OR "головка бритвы" OR "бритвенная головка и" OR "режущая головка" OR "и ножевая головка" OR "врубовой головке") OR ZH_AB:("剃须头" OR "剃须刀刀头" OR "电动剃须刀刀头" OR "切削头" OR "剃削头" OR "剃须刀头" OR "剃刮头" OR "剃削刀头" OR "剃刀头部") OR KO_AB:("면도 헤드" OR "깎는 면도 헤드" OR "커팅 헤드" OR "재단 헤드" OR "절삭 헤드" OR "두부정리 절단장치" OR "면도 헤드가 구비된 면도기" OR "절삭 헤드를 구비한" OR "절단용 헤드") OR IT_AB:("testa di taglio" OR "testa di rasatura" OR "testa troncatrice" OR "testa tagliente") OR SV_AB:("skarhuvudet" OR "kapningshuvud" OR "skärhuvud" OR "skerhuvud") OR NL_AB:("scheerblad" OR "scheerkop" OR "scheerhoofd" OR "meskop") OR PL_AB:("głowica tnąca urządzeń sigma") OR DA_AB:("skæreværktøj" OR "skaerehoved" OR "skrehoved" OR "barberapparathoved" OR "barberskraberhoved" OR "fræsehoved")

ADVANCED SEARCH

 **ES_CL** ("cabezal de afeitado" OR "cabeza de corte" OR "cabeza de afeitadora que posee" OR "cabezal de aparato de afeitar" OR "disposición de cabeza de afeitado" OR "cabezal cortador" OR "cabeza afeitadora" OR "cabeza de rasurar" OR "dotada con un cabezal rasurador")

Query Assistant [Query Examples](#)

 Expand with related terms

Offices All	
Languages All	

ES_CL:("cabezal de afeitado" OR "cabeza de corte" OR "cabeza de afeitadora que posee" OR "cabezal de aparato de afeitar" OR "disposición de cabeza de afeitado" OR "cabezal cortador" OR "cabeza a



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



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1. [PA/A/2001/003085](#) SHAVING HEAD WITH JOINTLY DRIVABLE CUTTING MEMBER AND HAIR MANIPULATOR

MX - 12.10.2005

Int.Class [B26B 21/00](#) Appl.No PA/a/2001/003085 Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V. Inventor JOHAN PRAGT

The invention relates to a shaving head [5] which comprises a cutting member [17] having a cutting edge [19] for cutting hairs [53] growing from human skin [51]. The shaving head [5] also comprises a hair manipulator [21] which is arranged in front of the cutting edge, viewed in a shaving direction [Y] of the shaving head. The hair manipulator can be driven in a direction parallel to the cutting edge to move the hairs in a direction substantially parallel to the cutting edge, and protects the skin against incised wounds and irritations. According to the invention, the hair manipulator is arranged in a fixed position with respect to the cutting member, the hair manipulator and the cutting member being jointly drivable in a direction parallel to the cutting edge. In this manner, an accurately defined position of the hair manipulator relative to the cutting member, which is necessary for a safe operation of the shaving head, can be obtained in a simple and reliable manner without the use of an accurate construction of the shaving head. The shaving head is used in a shaver [1] according to the invention, which further comprises driving means [43] for driving the shaving head.

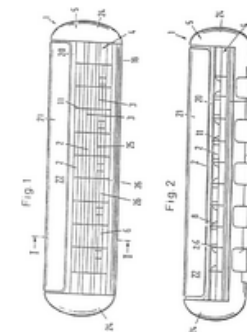


2. [2088177](#) CABEZAL DE AFEITADO DE UNA AFEITADORA EN MOJADO.

ES - 01.08.1996

Int.Class [B26B 21/40](#) Appl.No E93103280 Applicant WILKINSON SWORD GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Inventor ALTHAUS, WOLFGANG

PARA PERFECCIONAR EL PROCEDIMIENTO DE FIJACION DE HILOS PROTECTORES EN EL CABEZAL DE UNA AFEITADORA, SE PRESENTA UN CABEZAL DE AFEITADO CON UNA CARCASA PLASTICA [1], CON UNA PARTE SUPERIOR, QUE FORMA UNA SUPERFICIE PARA ABORDAR LA PIEL DEL USUARIO, ASI COMO UNA PARTE ANTERIOR, UNA PARTE POSTERIOR Y UNA CUCHILLA DE AFEITAR [2], DISPUESTA EN LA CARCASA PLASTICA [1], EN EL CUAL UNA SERIE DE HILOS [11] ESTAN DISPUESTOS DE FORMA REPARTIDA A LO LARGO DE LA CUCHILLA, Y ESTAN UNIDOS DIRECTAMENTE CON LA CUCHILLA.



3. [2088176](#) CABEZAL DE AFEITADO DE UNA AFEITADORA EN MOJADO.

ES - 01.08.1996

Int.Class [B26B 21/40](#) Appl.No E93103279 Applicant WILKINSON SWORD GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Inventor ALTHAUS, WOLFGANG

PARA PERFECCIONAR EL PROCEDIMIENTO DE LA FIJACION DE HILOS PROTECTORES EN EL CABEZAL DE UNA AFEITADORA, SE PRESENTA UN CABEZAL DE AFEITADO CON UNA CARCASA PLASTICA [1], CON UNA PARTE



ES_CL:("cabezal de afeitado" OR "cabeza de corte" OR "cabeza de afeitadora que posee" OR "cabezal de aparato de afeitar" OR "disposición de cabeza de afeitado" OR "cabezal cortador" OR "cabeza e



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



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1 / 1 ▼

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1. **2658000** DISPOSITIVO DE AFEITADO MEJORADO

ES - 07.03.2018

Int.Class [B26B 19/14](#) Appl.No 15720664 Applicant Koninklijke Philips N.V. Inventor VAN TOOR, Johannes Hendrikus

Un cabezal de afeitado para usar en un dispositivo de afeitado [1] para pelos de la piel, comprendiendo dicho cabezal de afeitado [3; 103; 203] un cuerpo que comprende [4, 8] principal de cabezal de afeitado y al menos una unidad de corte [7, 7A, 7B; 107, 107A, 107B; 207, 207A], en el que dicha unidad de corte comprende: - un elemento [71; 171; 271] basculante que soporta la piel en forma de anillo, que comprende una superficie [81] que soporta la piel en forma de anillo, y que comprende dos primeras partes [75] de suspensión opuestas, que están ubicadas en ubicaciones mutuamente diferentes a lo largo del elemento basculante que soporta la piel en forma de anillo, y por medio del cual el elemento basculante que soporta la piel está suspendido con relación al cuerpo principal del cabezal de afeitado en una primera forma basculante alrededor del primer eje [11] basculante; - un elemento [72; 172; 272] de corte externo que comprende una superficie [82] de afeitado de piel, que se interrumpe por una estructura de abertura para permitirle a los pelos que pasen; - un elemento [73; 173; 273] de corte interno, que es manejable para el movimiento a lo largo de dicha estructura de abertura en la superficie de afeitado de la piel del elemento de corte externo, para cortar a través de los pelos que pasan dicha estructura de abertura; y - un retenedor [74; 174; 274]; y en donde - dicha unidad [7] de corte tiene una condición ensamblada para operación del cabezal [3] de afeitado y una condición desensamblada para limpiar la unidad de corte, en donde el elemento basculante que soporta la piel en forma de anillo, el elemento de corte externo, el elemento de corte interno y el retenedor en la condición ensamblada y en la condición desensamblada están, respectivamente, ensamblados y al menos parcialmente desensamblados en relación el uno respecto del otro; - en dicha condición ensamblada la unidad de corte tiene una superficie [81, 82] que contacta la piel para contactar la piel durante la acción de afeitado, dicha superficie de contacto de la piel que comprende una superficie [81] que soporta la piel en forma de anillo y dicha superficie [82] de afeitado de la piel, en donde dicha superficie de soporte de la piel rodea al menos parcialmente la superficie de afeitado de la piel; - dicha condición de ensamblado de la unidad de corte es obtenible de dicha condición desensamblada en una condición abierta del cabezal de afeitado al llevar manualmente el retenedor [74] a una condición bloqueada con relación a otras partes de la unidad de corte, mientras dicha condición desensamblada es obtenible de dicha condición ensamblada al llevar manualmente, en dicha condición abierta del cabezal de afeitado, el retenedor hacia fuera de dicha condición bloqueada; condición; - el elemento [71] basculante que soporta la piel en forma de anillo que comprende además dos segundas partes [78; 178; 278] de suspensión opuestas, que están ubicadas en sitios mutuamente diferentes a lo largo del elemento basculante de soporte de piel en forma de anillo, y por medio del cual en dicha condición ensamblada, el elemento [72] de corte externo está suspendido con relación al elemento basculante que soporta la piel en forma de anillo en una segunda manera basculante alrededor de dicho segundo eje [12], basculante que se extiende en un ángulo no cero con relación a dicho primer eje [11] basculante; y - dicha condición bloqueada del retenedor [74] en dicha condición ensamblada de la unidad [7] de corte corresponde a una orientación relativa del retenedor dentro de la unidad de corte, cuya orientación relativa del retenedor efectúa: [i] que el elemento de corte externo esté suspendido con relación al elemento basculante de soporte de piel en forma de anillo en dicha segunda forma basculante; y [ii] que el elemento de corte externo esté desensamblado para trasladarse a más de una distancia de juego de 2.0 milímetros en una dirección transversal a dicho segundo eje [12] basculante.

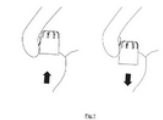
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2. **2655297** MAQUINILLA RECORTADORA PARA CORTAR LOS PELOS DE LA NARIZ Y DE LAS OREJAS

ES - 19.02.2018

Int.Class [B26B 19/14](#) Appl.No 15741154 Applicant Babytiss Faco S.P.R.L. Inventor JULEMONT, Pierre

Maquinilla recortadora motorizada para los pelos que nacen en las cavidades de la nariz y de las orejas que comprende un cabezal de afeitado [1] con una cuchilla móvil [6] y una cuchilla fija [5], estando la cuchilla fija equipada con ranuras para la penetración de los pelos [7] en la superficie delantera [2] y en la superficie lateral [3] como se aprecia en el sentido de introducción del cabezal de afeitado [1] en la cavidad a cortar, caracterizada por que la indicada cuchilla fija [5] comprende igualmente ranuras para la penetración de los pelos [7] en su superficie posterior [4] permitiendo cortar igualmente los pelos en la retirada del cabezal de afeitado [1] de la cavidad a recortar.



7. How many documents of the national collection of the US do not have any classification information?

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Offices United States of America	▼
Languages All	▼
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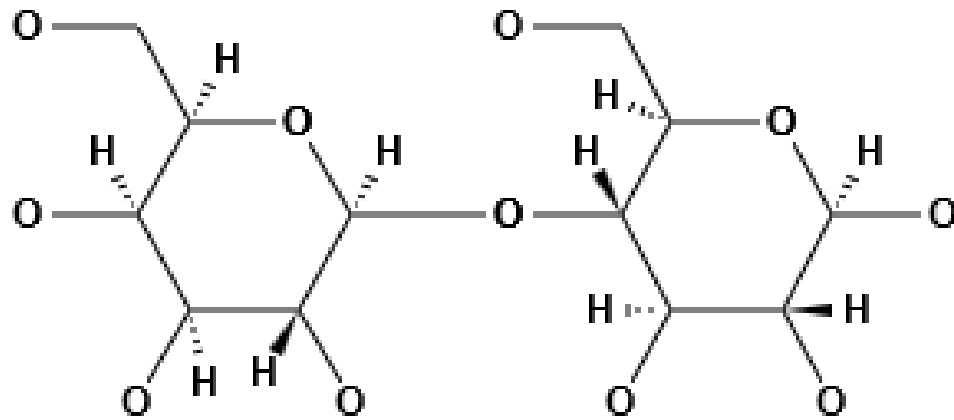
Offices United States of America	▼
Languages All	▼
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<input type="checkbox"/> Single Family Member	
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1,824,527 results

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8. Search compound lactose and restrict the results to the claims



CHEM:((GUBGYTABKSRVRQ-DCSYEGIMSA-N BEFORE1000 description) AND(claims BEFORE1000 GUBGYTABKSRVRQ-DCSYEGIMSA-N))



60,085 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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1. [0163867](#) MEDIUM FOR BETA-GALACTOSIDASE TEST

EP - 11.12.1985

Int.Class [C12Q 1/04](#) **Appl.No** 85104453 **Applicant** TERUMO KABUSHIKI KAISHA TRADING AS TERUMO CORPORATION **Inventor** IGARASHI, TAKESHI

A medium for beta -galactosidase test, comprising: 0.3 to 3 g of yeast extract, 1 to 10 g of peptone-tryptic hydrolysate of casein, 0.05 to 0.5 g of lactose, 0.5 to 5 g of dialkali metal monohydrogen phosphate, 0.05 to 0.5 g of monoalkali metal dihydrogen phosphate, and 0.5 to 5 g of o-nitrophenyl- beta -D-galactopiranoside, which culture medium exhibits a pH value in the range of 7.2 to 7.7 when dissolved in 1 liter of water.

NO
IMAGE
AVAILABLE

2. [2014113053](#) ПИТАТЕЛЬНЫЕ НАПИТКИ

RU - 10.10.2015

Int.Class [A23J 1/00](#) **Appl.No** 2014113053/10 **Applicant** ДЗЕ КОНЦЕНТРЕЙТ МЭНЬЮФЕКЧУРИНГ КОМПАНИ ОФ АЙРЛЭНД (ВМ) **Inventor** БРЭДЛИ Дондина [US]

1. Прозрачный напиток с высоким содержанием белка, содержащий: воду; от около 4 вес.% до около 8 вес.% белка; и ароматизатор. 2. Напиток по п. 1, имеющий мутность менее 10 нефелометрических единиц. 3. Напиток по п. 1, в котором белок включает один или оба из альфа-лактальбумина и гидролизованного коллагена. 4. Напиток по п. 3, в котором альфа-лактальбумин и гидролизованный коллаген присутствуют в соотношении от около 60:40 до около 70:30 альфа-лактальбумин:гидролизованный коллаген. 5. Напиток по п. 1, в котором белок является альфа-лактальбумином. 6. Напиток по п. 1, в котором белок включает один или оба из гидролизата белка молочной сыворотки и коллагена. 7. Напиток по п. 6, в котором гидролизат белка молочной сыворотки и коллаген присутствуют в соотношении от около 95:5 до около 85:15 гидролизат белка молочной сыворотки:коллаген. 8. Напиток по п. 1, в котором ароматизатор выбран из одной или нескольких фруктовых отдушек и растительных отдушек. 9. Напиток по п. 1, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка около 0.9. 10. Напиток по п. 1, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка около 1.0. 11. Напиток по п. 1, имеющий содержание белка, по меньшей мере, около 5 грамм белка на порцию в 4 жидких унции. 12. Напиток по п. 1, имеющий содержание белка около 7 грамм белка на порцию в 4 жидких унции. 13. Напиток по п. 1, имеющий сладость менее, чем около 6°Брикс. 14. Напиток по п. 1, дополнительно содержащий лактозу. 15. Напиток по п. 1, в котором прозрачный напиток с высоким содержанием белка практически не содержит лактозы. 16. Прозрачный напиток с высоким содержанием белка, содержащий: воду; и от около 4 вес.% до около 8 вес.% изолята белка молочной сыворотки и гидролизованного коллагена, в котором напиток с высоким содержанием белка имеет сладость менее, чем около 6°Брикс. 17. Напиток по п. 16, в котором изолят белка молочной сыворотки представляет собой альфа-лактальбумин. 18. Напиток по п. 16, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка, по меньшей мере, около 0.9. 19. Напиток по п. 16, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка около 1.0. 20. Напиток по п. 16,

NO
IMAGE
AVAILABLE

CHEMICAL COMPOUNDS SEARCH ▾

Convert structure

Upload structure

Structure editor

Found compounds

Found Markush Formulas

Search type

Compound name

Type an accepted name, commercial name, CAS name, IUPAC name

lactose

Search for scaffold

Include enumerated Markush structures

Offices

All

Reset

Show in editor

Exact Structure Search

CHEM:(GUBGYTABKSRVRQ-DCSYEGIMSA-N)



844,496 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

< 1 / 8,445 >

Download ▼ Machine translation ▼

1. **2004184313** METHOD FOR DETERMINING PALATABILITY OF COW'S MILK

JP - 02.07.2004

Int.Class [G01N 33/04](#) Appl.No 2002353630 Applicant KATO TOSHITSUGU Inventor KATO TOSHITSUGU

PROBLEM TO BE SOLVED: To provide a method for determining the palatability of cow's milk by demonstrating that the central component of the palatability of cow's milk is "lactose" and that the palatability of cow's milk is indicated by the "lactose ratio".

SOLUTION: Colostrum is tasted, immediately after delivery with the passage of time, and the ratio of dairy components is inspected. From rapid changes in the ratio of the lactose of the colostrum and the changes in taste accompanying this, the palatability of cow's milk is decided in the method for determining the palatability of cow's milk.

COPYRIGHT: [C]2004,JP06NCIPI



2. **102516321** 一种药用乳糖及其制备方法和用途

CN - 27.06.2012

Int.Class [C07H 3/04](#) Appl.No 201110406797.1 Applicant 上海天伟生物制药有限公司 Inventor 洪云海

本发明提供了一种药用乳糖及其制备方法和用途，具体地，本发明公开了一种药用乳糖，所述乳糖的杂质蛋白[尤其是低 β -乳球蛋白]含量低，内毒素含量也很低。本发明还公开了一种制备所述乳糖的方法以及所述乳糖在药学上的用途。



Restriction to the claims formula

CHEM:((Inchikey BEFORE1000 description) AND (claims BEFORE1000 Inchikey))

CHEM:((GUBGYTABKSRVRQ-DCSYEGIMSA-N BEFORE1000 description) AND(claims BEFORE1000 GUBGYTABKSRVRQ-DCSYEGIMSA-N))



60,085 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

< 1 / 601 >

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1. [0163867](#) MEDIUM FOR BETA-GALACTOSIDASE TEST

EP - 11.12.1985

Int.Class [C12Q 1/04](#) **Appl.No** 85104453 **Applicant** TERUMO KABUSHIKI KAISHA TRADING AS TERUMO CORPORATION **Inventor** IGARASHI, TAKESHI

A medium for beta -galactosidase test, comprising: 0.3 to 3 g of yeast extract, 1 to 10 g of peptone-tryptic hydrolysate of casein, 0.05 to 0.5 g of lactose, 0.5 to 5 g of dialkali metal monohydrogen phosphate, 0.05 to 0.5 g of monoalkali metal dihydrogen phosphate, and 0.5 to 5 g of o-nitrophenyl- beta -D-galactopiranoside, which culture medium exhibits a pH value in the range of 7.2 to 7.7 when dissolved in 1 liter of water.

NO
IMAGE
AVAILABLE

2. [2014113053](#) ПИТАТЕЛЬНЫЕ НАПИТКИ

RU - 10.10.2015

Int.Class [A23J 1/00](#) **Appl.No** 2014113053/10 **Applicant** ДЗЕ КОНЦЕНТРЕЙТ МЭНЬЮФЕКЧУРИНГ КОМПАНИ ОФ АЙРЛЭНД (ВМ) **Inventor** БРЭДЛИ Дондина [US]

1. Прозрачный напиток с высоким содержанием белка, содержащий: воду; от около 4 вес.% до около 8 вес.% белка; и ароматизатор. 2. Напиток по п. 1, имеющий мутность менее 10 нефелометрических единиц. 3. Напиток по п. 1, в котором белок включает один или оба из альфа-лактальбумина и гидролизованного коллагена. 4. Напиток по п. 3, в котором альфа-лактальбумин и гидролизованный коллаген присутствуют в соотношении от около 60:40 до около 70:30 альфа-лактальбумин:гидролизованный коллаген. 5. Напиток по п. 1, в котором белок является альфа-лактальбумином. 6. Напиток по п. 1, в котором белок включает один или оба из гидролизата белка молочной сыворотки и коллагена. 7. Напиток по п. 6, в котором гидролизат белка молочной сыворотки и коллаген присутствуют в соотношении от около 95:5 до около 85:15 гидролизат белка молочной сыворотки:коллаген. 8. Напиток по п. 1, в котором ароматизатор выбран из одной или нескольких фруктовых отдушек и растительных отдушек. 9. Напиток по п. 1, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка около 0.9. 10. Напиток по п. 1, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка около 1.0. 11. Напиток по п. 1, имеющий содержание белка, по меньшей мере, около 5 грамм белка на порцию в 4 жидких унции. 12. Напиток по п. 1, имеющий содержание белка около 7 грамм белка на порцию в 4 жидких унции. 13. Напиток по п. 1, имеющий сладость менее, чем около 6°Брикс. 14. Напиток по п. 1, дополнительно содержащий лактозу. 15. Напиток по п. 1, в котором прозрачный напиток с высоким содержанием белка практически не содержит лактозы. 16. Прозрачный напиток с высоким содержанием белка, содержащий: воду; и от около 4 вес.% до около 8 вес.% изолята белка молочной сыворотки и гидролизованного коллагена, в котором напиток с высоким содержанием белка имеет сладость менее, чем около 6°Брикс. 17. Напиток по п. 16, в котором изолят белка молочной сыворотки представляет собой альфа-лактальбумин. 18. Напиток по п. 16, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка, по меньшей мере, около 0.9. 19. Напиток по п. 16, в котором белок обладает аминокислотным числом с поправкой на усвояемость белка около 1.0. 20. Напиток по п. 16,

NO
IMAGE
AVAILABLE



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

[EN] [DE] [FR]

Claims

1. A medium for a-galactosidase test, comprising:

0.3 to 3 g of yeast extract,

1 to 10 g of peptone-tryptic hydrolysate of casein,

0.05 to 0.5 g of [lactose](#),

0.5 to 5 g of dialkali metal monohydrogen phosphate,

0.05 to 0.5 g of monoalkali metal dihydrogen phosphate, and

0.5 to 5 g of [o-nitrophenyl-β-D-galactopyranoside](#),

which culture medium exhibits a pH value in the range of 7.2 to 7.7 when dissolved in 1 liter of water.

2. A medium according to Claim 1, which comprises:

0.4 to 2.5 g of yeast extract,

2 to 9 g of peptone-tryptic hydrolysate of casein,

0.06 to 0.4 g of [lactose](#),

0.6 to 4 g of dialkali metal monohydrogen phosphate,

0.06 to 0.4 g of monoalkali metal dihydrogen phosphate, and

0.6 to 4 g of [o-nitrophenyl-o-D-galactopyranoside](#).

3. A medium according to Claim 2, wherein the pH value of the medium is in the range of 7.4 to 7.6



9. List the 3 top inventors for the color analyzing technology

EN_CL:(col*r AND analy?ing AND technology)



518 results Offices all Languages all 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	236	United States of America	266	INTERNATIONAL BUSINESS MACHINES CO	16	G06F	142	g06f	25	2003	16	A	192
PCT	104	PCT	104	JOHNSON AND JOHNSON CONSUMER INC	6	G06Q	69	g06q	22	2004	9	A1	145
India	89	India	99	RATHOD YOGESH CHUNILAL	6	G01N	62	a61b	17	2005	11	B2	114
European Patent Office	29	European Patent Office	39	DAS PRANAMESH	5	G06K	62	g06t	16	2006	14	B1	29
Australia	25	Canada	35	GUPTA NITIN	5	A61B	58	g01n	13	2007	36	B	21
Canada	20	Australia	25	METROLOGIC INSTRUMENTS INC	5	G06T	58	g16h	11	2008	24	A4	10
United Kingdom	8	China	20	QUALCOMM INC	5	H04L	42	h04l	11	2009	30	C	4
Israel	5	Republic of Korea	13	SAMSUNG ELECTRONICS	5	C12Q	38	g06v	10	2010	20	A3	2
Sweden	1	United Kingdom	10			H04N	36	g06n	9	2011	24	B9	1
						H04W	23	g06n 20/00	9	2012	34		

10. Perform search the following search in the Field Combination:

- Tea in the English abstract
- Applicant: unilever
- Publication range 2020, 2021 and 2022
- IPC A23F



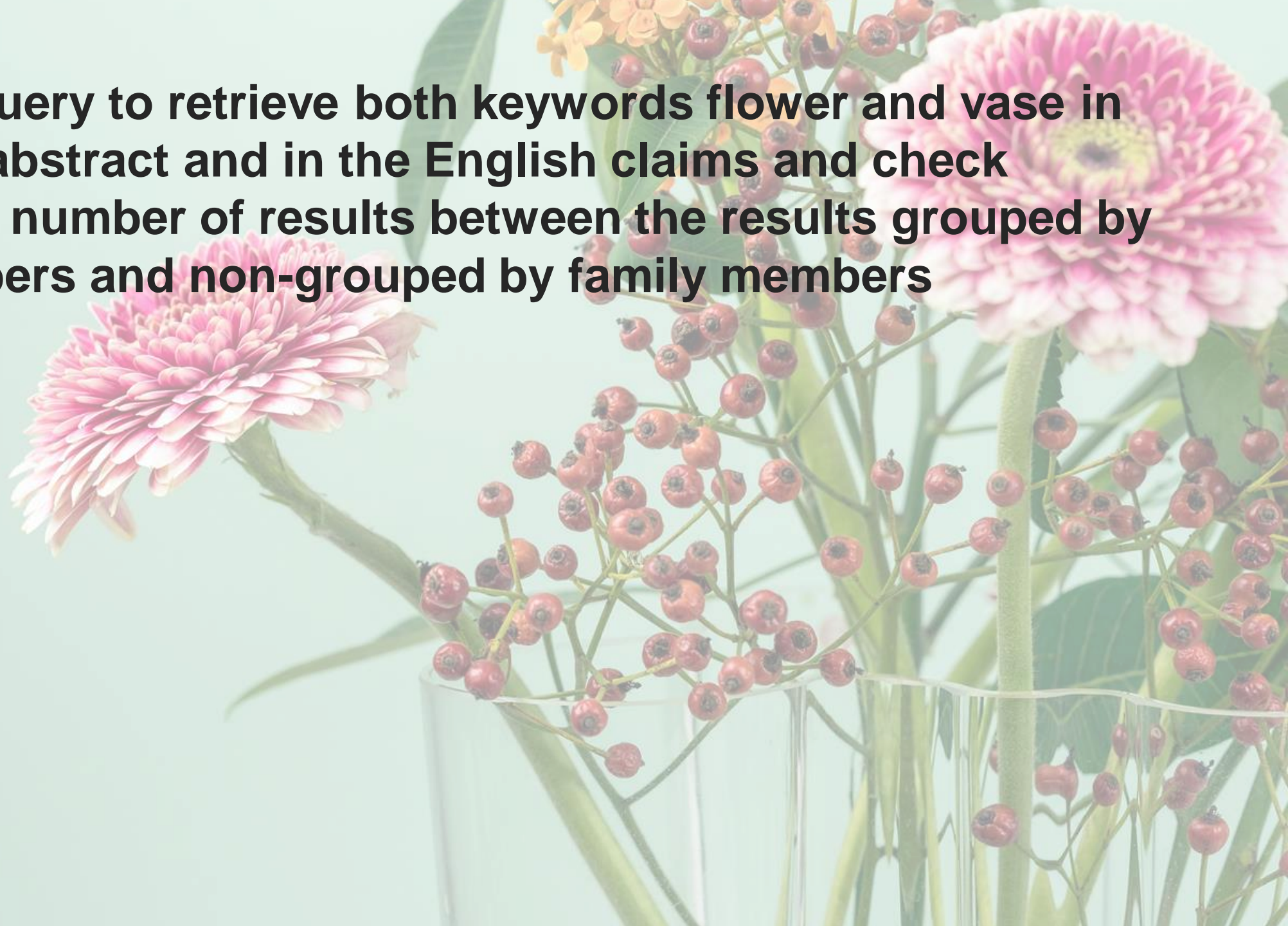
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Operator AND	▼	Field English Abstract	▼	Value tea	?
Operator AND	▼	Field Applicant Name	▼	Value unilever	?
Operator AND	▼	Field Publication Date	▼	Value [2020 TO 2022]	?
Operator AND	▼	Field International Class	▼	Value A23F	?
Operator AND	▼	Field All Classifications	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>	

Add another search field
 Reset search fields

Offices All	▼
Languages All	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

40 results

11. Build a query to retrieve both keywords flower and vase in the English abstract and in the English claims and check difference in number of results between the results grouped by family members and non-grouped by family members



		Field Front Page	▼	Value	?
Operator AND	▼	Field English Abstract	▼	Value flower AND vase	?
Operator AND	▼	Field English Claims	▼	Value flower AND vase	?
Operator AND	▼	Field Publication Date	▼	Value	?
Operator AND	▼	Field International Class	▼	Value	?
Operator AND	▼	Field All Classifications	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>	

Offices All	▼
Languages All	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

272 results

Reset

Search

	Field	Value	
	Front Page		?
Operator	Field	Value	
AND	English Abstract	flower AND vase	?
Operator	Field	Value	
AND	English Claims	flower AND vase	?
Operator	Field	Value	
AND	Publication Date		?
Operator	Field	Value	
AND	International Class		?
Operator	Field	Is Empty:	
AND	All Classifications	N/A	▼
Operator	Field		
AND	Licensing availability	<input type="checkbox"/>	

Add another search field
 Reset search fields

Offices	▼
All	
Languages	▼
All	
<input checked="" type="checkbox"/> Stemming	
<input checked="" type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

12. How many PCT applications published in 2019 have licensing availability information?

156

Operator AND	▼	Field Publication Date	▼	Value 2019	?
Operator AND	▼	Field All Classifications	▼	Value	?
Operator AND	▼	Field Cooperative Patent Classification	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input checked="" type="checkbox"/>	

+ Add another search field - Reset search fields

Offices PCT	▼
Languages All	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

156 results

Reset

Search

13. Perform the 2 following queries and explain the difference:

a. EN_TI:(electric bicycle)

b. EN_TI: electric bicycle



EN_TI:(electric bicycle)



11,272 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

1 / 113

Download Machine translation

1. **111063122** ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM

CN - 24.04.2020

Int.Class [G07F 17/00](#) Appl.No 201911206095.1 Applicant BEIJING MOBIKE TECHNOLOGY CO., LTD. Inventor JIN HONGDU

The invention relates to an electric bicycle control method, an electric bicycle and an electric bicycle system. The method comprises the steps that a server responds to an unlocking request sent by user terminal for the electric bicycle and sends an unlocking instruction to the electric bicycle; the electric bicycle responds to the unlocking instruction, detects whether the electric bicycle meets a set first unlocking condition or not, and controls a lock of the electric bicycle to be unlocked under the condition that a detection result shows that the electric bicycle meets the first unlocking condition; and after the lock of the electric bicycle is successfully unlocked, the electric bicycle detects a parameter value representing the current running speed of the electric bicycle, and drives a motor of the electric bicycle to provide assistance under the condition that the parameter value is greater than or equal to a starting threshold value.

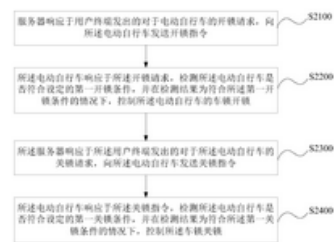


2. **111063120** ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM

CN - 24.04.2020

Int.Class [G07F 17/00](#) Appl.No 201911203200.6 Applicant BEIJING MOBIKE TECHNOLOGY CO., LTD. Inventor JIN HONGDU

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

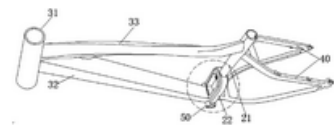


3. **207060296** ELECTRIC BICYCLE FRAME AND ELECTRIC BICYCLE

CN - 02.03.2018

Int.Class [B62K 19/30](#) Appl.No 201720899576.5 Applicant SUZHOU DAMAI VEHICLE INDUSTRY CO., LTD. Inventor LIN JIUHUO

The utility model relates to an electric bicycle frame and electric bicycle, electric bicycle frame be including erecting the thick stick, organize with erecting preceding frame and the back chain stay that the thick stick is connected respectively, the lower tip that erects the thick stick is provided with a controller cavity, is used for the holding electric bicycle's electrical source controller, controller cavity cross section is greater than erect the upper end cross section of thick stick. The utility model discloses a controller cavity that the frame will hold electrical source controller sets up the lower tip that erects the thick stick at the



EN_Tl: electric bicycle

Unknown field: ALL

11,272 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

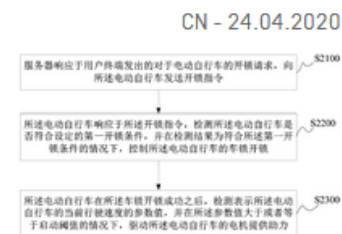
1 / 113

Download Machine translation

1. 111063122 ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM

Int.Class G07F 17/00 Appl.No 201911206095.1 Applicant BEIJING MOBIKE TECHNOLOGY CO., LTD. Inventor JIN HONGDU

The invention relates to an electric bicycle control method, an electric bicycle and an electric bicycle system. The method comprises the steps that a server responds to an unlocking request sent by auser terminal for the electric bicycle and sends an unlocking instruction to the electric bicycle; the electric bicycle responds to the unlocking instruction, detects whether the electric bicycle meets a set first unlocking condition or not, and controls a lock of the electric bicycle to be unlocked under the condition that a detection result shows that the electric bicycle meets the first unlocking condition; and after the lock of the electric bicycle is successfully unlocked, the electric bicycle detects a parameter value representing the current running speed of the electric bicycle, and drives a motor of the electric bicycle to provide assistance under the condition that the parameter value is greater than or equal to a starting threshold value.



2. 111063120 ELECTRIC BICYCLE CONTROL METHOD, ELECTRIC BICYCLE AND ELECTRIC BICYCLE SYSTEM

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

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



3. 207060296 ELECTRIC BICYCLE FRAME AND ELECTRIC BICYCLE

Int.Class B62K 19/30 Appl.No 201720899576.5 Applicant SUZHOU DAMAI VEHICLE INDUSTRY CO., LTD. Inventor LIN JIUHUO

The utility model relates to an electric bicycle frame and electric bicycle, electric bicycle frame be including erecting the thick stick, organize with erecting preceding frame and the back chain stay that the thick



14. Using the Full-text field in the Simple search, how do you search for vent (wind in FR) and outlet in English

RECHERCHE SIMPLE

PATENTSCOPE vous permet d'effectuer une recherche dans 106 millions de documents de brevets dont 4,4 millions de demandes internationales de brevets publiées (PCT). [Informations détaillées sur la couverture](#)

La publication PCT 33/2022 (18.08.2022) est désormais disponible [ici](#). La prochaine publication PCT 34/2022 est prévue pour 25.08.2022. [Plus](#)

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Champ Texte intégral Termes de recherche... vent

Offices Tout

FR_ALLTXT:(vent)

116 730 résultats Offices all Langues all Stemming/racinement true Membre de famille unique false Inclure la LNB false

Trier : Pertinence Par page : 100 Afficher : Tout + Image

1 / 1168

Download Traduction automatique

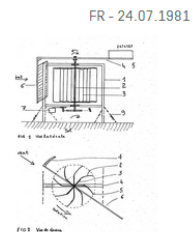
1. 2474107 MOTEUR A VENT VERTICAL

CIB F03D 3/04 N° de demande 8001696 Déposant ROCHE JEAN MICHEL Inventeur

L'INVENTION CONCERNE UN MOTEUR A VENT A AXE VERTICAL RECUPERANT GRACE A UN MOUFLE DEFLECTEUR LE MAXIMUM DE FORCE DANS LE VENT. LA MACHINE RECUPERATRICE OU TRANSFORMATRICE DE CETTE FORCE ETANT EN POSITION FIXE ET ACCESSIBLE PRES DU SOL.

SELON LA FIGURE I LE MOTEUR A VENT VERTICAL COMPREND 2 UN ROTOR VERTICAL FAIT DE PALES CINTREES QUE LE VENT FAIT TOURNER A L'INTERIEUR D'UN CHASSIS VERTICAL RIGIDE I LA FORCE RECUPERABLE AU PIED DE LA MACHINE SUR L'AXE VERTICAL DU ROTOR ETANT AMPLIFIEE PAR UN MOUFLE ORIENTE PAR LE VENT LE DEVIANT DE LA PARTIE DU ROTOR QUI SE TROUVE OPPOSEE AU VENT.

CE MOTEUR A ENERGIE GRATUITE ET PEU COUTEUX QUOIQUE TRES RUSTIQUE COMPLETE LA SOLUTION HISTORIQUE DE L'ENERGIE EOLIENNE.



FR - 24.07.1981

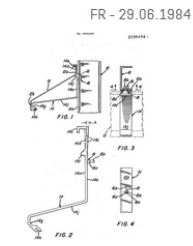
2. 2538436 ABAT-VENT

CIB E06B 7/082 N° de demande 8320875 Déposant SPECIALTIES CONST Inventeur OLSEN ROBERT W

L'invention concerne les abat-vent.

Elle se rapporte à un abat-vent dans lequel une lame 12 est maintenue sur des supports verticaux 10 par des entretoises 14. Celles-ci sont fixées par introduction d'une patte 18 en T dans un orifice 16 en forme de trou de serrure formé dans la joue avant du support 10. Les entretoises sont introduites couchées puis tournées de 90 degrés, et les lames 12 sont alors enclenchées à leurs deux extrémités.

Application à la réalisation des abat-vent des orifices d'aérage. (CF DESSIN DANS BOPI)



FR - 29.06.1984

3. 2817593 TURBINE A VENT

CIB F03D 3/00 N° de demande 0015780 Déposant MAZENQ ROBERT Inventeur MAZENQ ROBERT

La turbine a vent, qui est présentée, est caractérisée, par des voiles rigides en accordéon, munie d'un "c x " important; elles comportent aussi, un système de passage de l'air comprimé, qui diminue notablement le phénomène de freinage dans la phase retour. La machine tourne sur un axe vertical, sur une plate forme, à l'hauteur désiré. Cet axe vertical, supporte une partie de l'axe principal qui supporte les pales. Les bouts d'axe, sont fis au bâti. Le vent pousse les pales, mais les pales en phase négative, sont abritées par une coque fixe, aérodynamique. Par ce procédé, elles deviennet neutres. Rien que ça, c'est 50% de gagné



FR - 07.06.2002

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PCT publication 33/2022 [18.08.2022] is now available [here](#). The next PCT publication 34/2022 is scheduled for 25.08.2022. [More](#)

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Field
Full Text

Search terms...

vent



[Query Examples](#)

Offices
All

EN_ALLTXT:(vent)



991,988 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

1 / 9,920

Download Machine translation

1. [WO/2018/191110](#) INTEGRATED DRY ICE PRODUCTION AND STORAGE SYSTEM

Int.Class [E25D 3/12](#) Appl.No PCT/US2018/026409 Applicant TOKITAE LLC Inventor BURKOT, Stephen, Thomas, Graves

Devices and systems for dry ice production are described, including a lid structure sized for placement over a storage container, an input tube sized to traverse a first opening in the lid structure and forming a flow conduit for pressurized carbon dioxide into the storage container, a vent tube sized to traverse a second opening in the lid structure and forming a flow conduit for gaseous carbon dioxide, a first end of the vent tube sized to fit into the storage container, a lower vent tube sized to fit in the storage container, the lower vent tube coupled to the first end of the vent tube and having openings to vent gaseous carbon dioxide from the storage container and into the vent tube.

WO - 18.10.2018

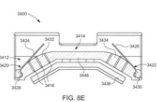


2. [WO/2022/067374](#) VARIABLE FLOW VENT ASSEMBLY FOR A CONDUIT MASK

Int.Class [A61M 16/08](#) Appl.No PCT/AU2021/050988 Applicant RESMED PTY LTD Inventor DANTANARAYANA, Muditha, Pradeep

The technology relates to a variable flow vent assembly for a conduit mask configured to deliver a flow of breathable gas at a positive pressure to an airway entrance of a patient and allow a flow of exhaled gas from the airway of the patient to exit the vent assembly to ambient. The variable flow vent assembly is further configured to include a valve, wherein the valve is arranged to allow for the regulation of the flow of breathable gas to the patient and the regulation of the vent flow rate of exhaled gas leaving the vent assembly to ambient. By changing certain characteristics of the valve and by tuning the valve through variants in design, the resultant vent flow rate for a given air pressure can be altered in order to obtain the best treatment outcome for the patient's individual requirements.

WO - 07.04.2022

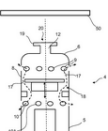


3. [4007304](#) EARPIECE FOR A HEARING DEVICE, DOME AND EARPIECE PART

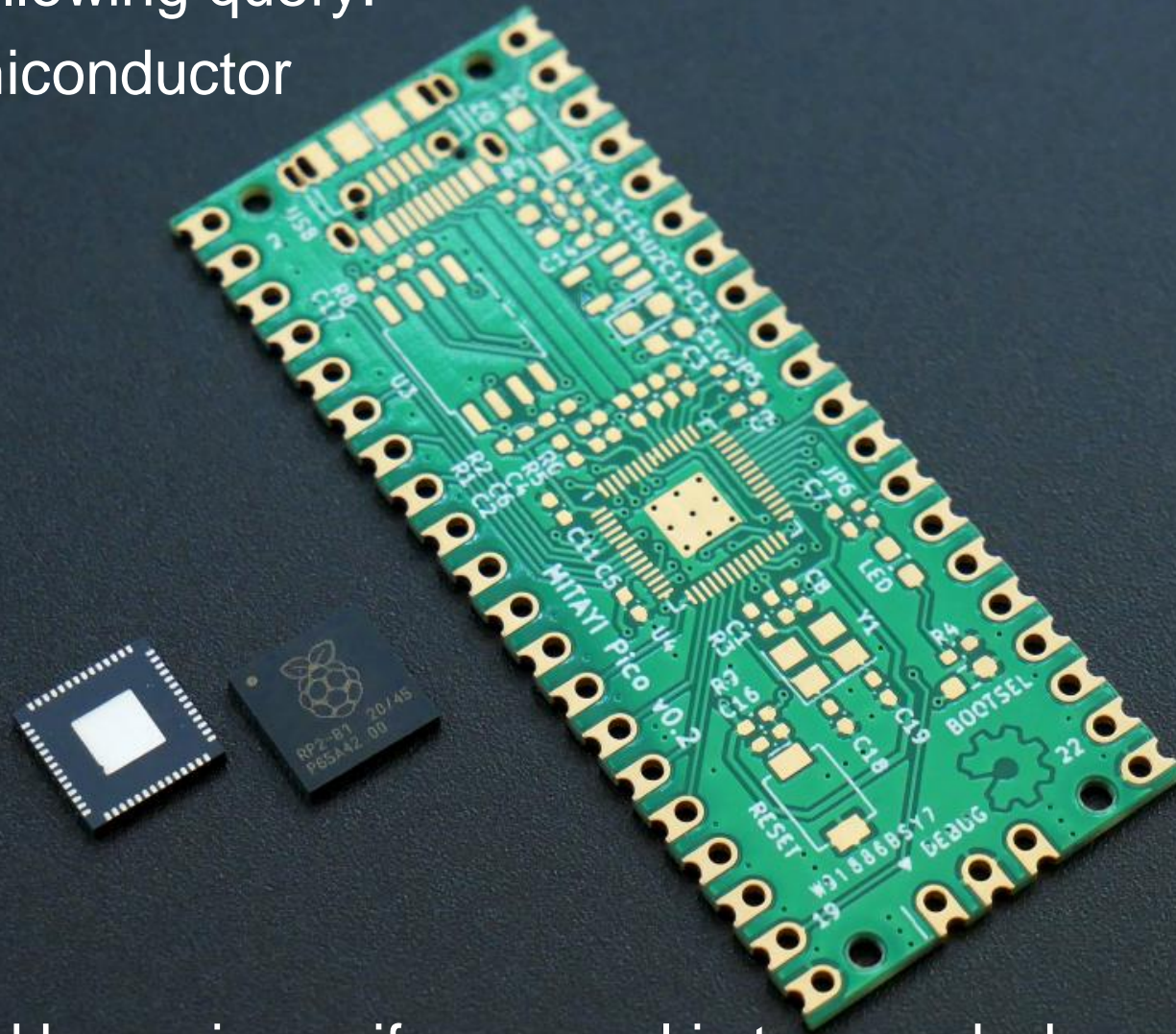
Int.Class [H04R 1/10](#) Appl.No 21208724 Applicant GN HEARING AS Inventor JOHANSEN JAN

An earpiece for a hearing device for insertion into an ear canal of a user and having a longitudinal axis is disclosed. The earpiece comprises an earpiece part comprising an earpiece housing having a distal end, a proximal end, and an outer surface connecting the distal end to the proximal end. The earpiece housing comprises a first primary vent aperture and a second primary vent aperture in the outer surface. The earpiece part optionally comprises a receiver arranged within the earpiece housing. The earpiece comprises a dome for securing the earpiece in the ear canal. The dome has an inner surface extending circumferentially along the outer surface of the earpiece housing. The dome comprises a proximal surface having a first primary vent aperture. The earpiece comprises a vent path forming a fluid communication between the first primary vent aperture of the dome and the second primary vent aperture of the earpiece housing.

EP - 01.06.2022



15. Perform the following query:
EN_ALLTXT: semiconductor



Explain what could be an issue if your goal is to search documents containing the keyword semiconductor as part of the invention

No issue! The issue is when using EN_ALL

2. EP2234100 - LIQUID CRYSTAL DISPLAY DEVICE



[National Biblio. Data](#) [Description](#) [Claims](#) [Drawings](#) [Patent Family](#) [Documents](#)

[PermaLink](#) [Machine translation](#) ▾

Office

European Patent Office

Application Number

10156273

Application Date

12.03.2010

Publication Number

2234100

Publication Date

29.09.2010

Publication Kind

B1

IPC

G09G 3/36

G11C 19/28

CPC

G09G 3/3688

G09G 2300/0417

G09G 2310/0286

G09G 2320/043

G11C 19/28

G09G 3/3677

[View more classifications](#)

Applicants

SEMICONDUCTOR ENERGY LAB CO LTD

Inventors

KIMURA HAJIME

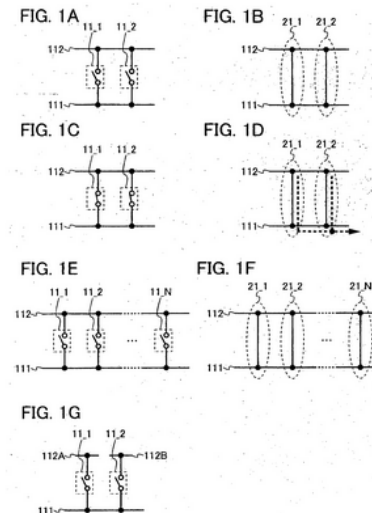
UMEZAKI ATSUSHI

Title

[DE] Flüssigkristallanzeigevorrichtung

[EN] Liquid crystal display device

[FR] Dispositif d'affichage à cristaux liquides



Abstract

[EN] It is an object to suppress deterioration of characteristics of a transistor in a signal line or a scan driver circuit. A first switch for controlling whether to set a potential state of an output signal by being turned on and off in accordance with the first input signal, and a second switch for controlling whether to set a potential state of an output signal by being turned on and off in accordance with the second input signal are included. A first wiring and a second wiring are brought into electrical continuity by turning on and off of the first switch or the second switch.

Related patent documents

[US20100245335](#) [KR1020100108249](#) [JP2010250305](#) [CN101847388](#) [CN104200788](#) [JP2014067480](#) [JP2015035248](#) [JP2016027520](#) [JP2016184453](#) [JP2017126395](#) [KR1020170023913](#)

[KR1020170108931](#) [JP2018032461](#) [JP2018097386](#) [US20180174544](#) [KR1020180120649](#) [KR1020190100137](#) [JP2020030411](#) [US20210233485](#) [KR1020210037652](#) [JP2021157185](#) [KR1020210111221](#)

16. Build a query to combine the keywords *solar cell* and its synonym *photovoltaic cell*, *aluminum foil* and its alternative spelling *aluminium foil* and *metal foil* and *nanoparticle ink* and its related term *nanoparticle solution* or *nanoparticle suspension*. Add the relevant IPC

ADVANCED SEARCH ▼

{EN_ALLTXT:("solar cell*" OR "photovoltaic cell*") OR IC:H01L31/00} AND EN_ALLTXT:((aluminum NEAR foil*) OR (aluminium NEAR foil*) OR (metal NEAR foil*)) AND EN_ALLTXT:((nanoparticle NEAR suspension) OR (nanoparticle NEAR solution) OR (nanoparticle NEAR ink))

Query Assistant [Query Examples](#)

+ Expand with related terms

Offices

All



Languages

All



Stemming

Single Family Member

Include NPL

Reset

Search

17. Build a query to retrieve documents containing glucose, fructose and methoxyethanol from applicant Henkel

CHEM:(GZCGUPFRVQAUEE-SLPGGIOYSA-N)

1,327,092 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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< 1 / 13,271 >

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*Untitled - Notepad

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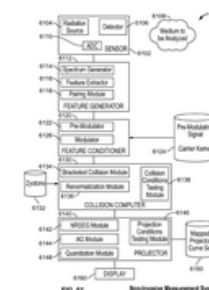
GZCGUPFRVQAUEE-SLPGGIOYSA-N

1. WO/2016/054079 SYSTEMS AND METHODS FOR BLOOD GLUCOSE AND OTHER ANALYTE DETECTION AND MEASUREMENT USING COLLISION COMPUTING

WO - 07.04.2016

Int.Class G01N 21/359 ? Appl.No PCT/US2015/052999 Applicant ZYOMED CORP. Inventor GULATI, Sandeep

In a non-invasive system for detection/measurement of glucose and other analytes in a medium such as tissue, spectra from the medium are deconstructed into features. Conditioned features, which contain frequency components specific to glucose or the other analytes, are derived from one or more features by modulating a carrier kernel with the feature. The conditioned features are computationally collided with one or more Zyttons that are co-dependent with the conditioned features. One or more collisions amplify a property of the analyte e.g., energy absorbed by glucose in tissue from radiation directed to the skin. A gradient of several values of the amplified property, each value corresponding to a particular radiation pattern according to a spectroscopic tomographic sequence, is used to select a suitable projector curve, with which a representative amplified value is projected to an accurate estimate of the concentration of glucose or the other analytes, without needing personalized calibration.

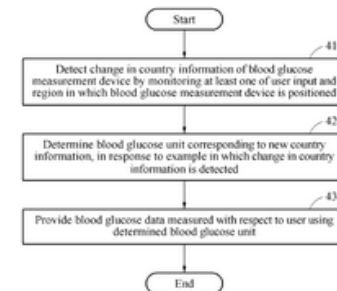


2. 20200008720 BLOOD GLUCOSE MEASUREMENT DEVICE AND METHOD TO AUTOMATICALLY DETERMINE BLOOD GLUCOSE UNIT

US - 09.01.2020

Int.Class A61B 5/145 ? Appl.No 16503978 Applicant PHILOSYS CO., LTD. Inventor Young Wook Lee

Provided is a blood glucose measurement device and method. The blood glucose measurement device may determine a blood glucose unit to be provided to a user based on a user input and a region in which the device is positioned, and provide blood glucose data to the user using the determined blood glucose unit through a display.



3. 20180184951 METHODS AND SYSTEMS FOR IMPROVING THE RELIABILITY OF ORTHOGONALLY REDUNDANT SENSORS

US - 05.07.2018

CHEM:(BJHIKXHVCXFQLS-UYFOZJQFSA-N)

286,682 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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< 1/2,867 >

*Untitled - Notepad

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GZCGUPFRVQAUEE-SLPGGIOYSA-N

BJHIKXHVCXFQLS-UYFOZJQFSA-N |

1. 2292803 SEPARATION PROCESS

Int.Class C13K 11/00 ? Appl.No 09164728 Applicant DUPONT NUTRITION BIOSCI APS Inventor HEIKKILAE HEIKKI

The present invention relates to an improved process of producing crystalline fructose. The process is based on chromatographic fractionation of one or more fructose crystallization run-offs obtained from the crystallization, followed by introducing the fructose fraction[s] thus obtained into further crystallization for the production of crystalline fructose. The chromatographic fractionation is carried out in a separation system, which comprises a cation exchange resin in two different ion forms, whereby at least one of the resins is in a Ca²⁺ form.

EP - 09.03.2011

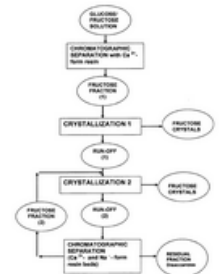


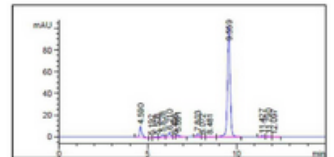
FIGURE 1

2. 1020210052192 개선된 알룰로스의 제조 방법

Int.Class C12P 19/02 ? Appl.No 1020200101994 Applicant 주식회사 삼양사 Inventor 양재경

본 발명은 알룰로스의 개선된 제조방법에 관한 것으로서, 더욱 자세하게는 제조 공정에서 사용되는 원료 기질로서 원당을 활용하여 과당-함유 원료 용액 제조하는 것이다.

KR - 10.05.2021

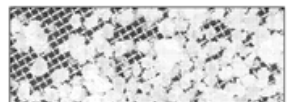


3. 20210310087 SEMI-CRYSTALLINE FRUCTOSE IN SOLID FORM AND PROCESS FOR MANUFACTURING THE SAME

Int.Class C13K 11/00 ? Appl.No 17263970 Applicant CARGILL, INCORPORATED Inventor Luigi NATALONI

A fructose in solid form containing a matrix and a plurality of carbohydrate crystals within said matrix, the matrix containing amorphous fructose and water, wherein the carbohydrate crystals comprise fructose and optionally one or more other carbohydrate[s], and optionally wherein the fructose in solid form is coated with a dry powder coating.

US - 07.10.2021



CHEM:(XNWFZRZJHXBZDAG-UHFFFAOYSA-N)

15,383 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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GZCGUPFRVQAUUE-SLPGGIOYSA-N

BJHIKXHVCXFQLS-UYFOZJQFSA-N |

1. **4661643** HYDROGENOLYSIS PROCESS FOR THE PRODUCTION OF MONOETHYLENE GLYCOL MONOMETHYL ETHER, MONOETHYLENE GLYCOL AND ETHANOL

US - 28.04.1987


Int.Class C07C 31/08  Appl.No 06738535 Applicant Union Carbide Corporation Inventor Bartley William J.

This invention relates to a process for selectively cleaving a polyalkylene glycol, e.g., diethylene glycol, containing at least one ether group therein at a carbon-to-oxygen covalent bond and independently at a carbon-to-carbon covalent bond by heating the polyalkylene glycol with molecular hydrogen in the presence of a hydrogenation catalyst containing ruthenium to produce at least one of monoethylene glycol monomethyl ether, monoethylene glycol and ethanol. The production rate of each of said monoethylene glycol monomethyl ether, monoethylene glycol and ethanol is at least about 10 moles/kilogram ruthenium/hour.

NO
IMAGE
AVAILABLE

2. **WO/2012/154268** SILICONE HYDROGEL CONTACT LENSES

WO - 15.11.2012

Int.Class C08F 290/06  Appl.No PCT/US2012/026225 Applicant COOPERVISION INTERNATIONAL HOLDING COMPANY, LP Inventor ZHENG, Ying

Silicone hydrogel contact lenses that are derived from a polymerizable composition including at least one siloxane monomer and at least one hydrophobic ethylene glycol methyl ether methacrylate-containing monomer, or at least one hydrophilic vinyl ether-containing monomer, or both, wherein, when the at least one hydrophobic ethylene glycol methyl ether methacrylate-containing monomer is present in the polymerizable composition, it is present in an amount of from 1 to 20 unit parts by weight, and when the at least one hydrophilic vinyl ether-containing monomer is present in the polymerizable composition, it is present in an amount of from 1 to 20 unit parts by weight are described. Batches of silicone hydrogel contact lenses and methods of making silicone hydrogel contact lenses are also described.

NO
IMAGE
AVAILABLE

3. **20140009735** SILICONE HYDROGEL CONTACT LENSES

US - 09.01.2014

Int.Class G02B 1/04  Appl.No 13983306 Applicant Ying Zheng Inventor Ying Zheng

Silicone hydrogel contact lenses that are derived from a polymerizable composition including at least one siloxane monomer and at least one hydrophobic ethylene glycol methyl ether methacrylate-containing monomer, or at least one hydrophilic vinyl ether-containing monomer, or both, wherein, when the at least one hydrophobic ethylene glycol methyl ether methacrylate-containing monomer is present in the polymerizable composition, it is present in an amount of from 1 to 20 unit parts by weight, and when the at least one hydrophilic vinyl ether-containing monomer is present in the polymerizable composition, it is present in an amount of from 1 to 20 unit parts by weight, are described. Batches of silicone hydrogel contact lenses and methods of making silicone hydrogel contact lenses are also described.

NO
IMAGE
AVAILABLE

CHEM:(XNWFRZJHXBZDAG-UHFFFAOYSA-N AND GZCGUPFRVQAUUE-SLPGGIOYSA-N AND BJHIKXHVCXFQLS-UYFOZJQFSA-N)



1,037 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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< 1/11 >

Download ▼ Machine translation ▼

1. [WO/2009/153405](#) OXYGEN INDICATOR

WO - 23.12.2009

Int.Class [G01N 31/22](#) Appl.No PCT/FI2009/050534 Applicant TEKNOLOGIAN TUTKIMUSKESKUS VTT Inventor HURME, Eero

The invention relates to a dye composition comprising a dye, dye converter, binder, reducing agent, solvent and optionally basic agent. Further, the invention relates to a method for fabricating an oxygen indicator wherein a dye composition is applied over a substrate and reduced by heating, to an oxygen indicator fabricated by the method and to a package for detecting a leakage and/or variation in the oxygen content.

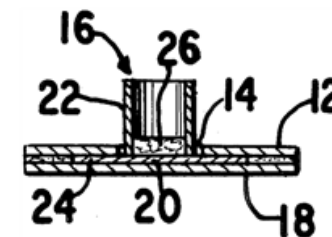


2. [4208480](#) METHOD, REAGENTS AND APPARATUS FOR THE RAPID IDENTIFICATION OF NEISSERIA GONORRHOEAE AND NEISSERIA MENINGITIDIS

US - 17.06.1980

Int.Class [C12M 1/16](#) Appl.No 05936292 Applicant American Home Products Corporation Inventor D'Amato Richard F.

The disclosure is directed to a method, reagents and apparatus for the rapid [one to four hours] identification of Neisseria gonorrhoeae and Neisseria meningitidis from cultures grown on a selective or a non-selective medium. One drop of growth suspended in sterile salt solution is placed in each of a plurality of miniature reaction chambers supported on a common base and incubated at 35.degree.-37.degree. C. for one to four hours. A dried substrate and buffer is contained in each chamber. A detector reagent such as a diazo dye in an aqueous solution with a polar solvent is added to each chamber after incubation. The color change in each chamber is noted and compared with a profile to identify N. gonorrhoeae and Neisseria meningitidis. Synthetic substrates rather than sugars are used in the reaction chambers. The substrates are naphthyl derivatives, .beta.-naphthyl or .beta.-naphthylamides, and are PA1 [1] .beta.-naphthyl-.beta.,D-galactopyranoside PA1 [2] N-L-.lambda.-glutamyl-.beta.-naphthylamide PA1 [3] L-hydroxyproline-.beta.-naphthylamide PA1 [4] L-serine-.beta.-naphthylamide PA1 [5] L-arginine-.beta.-naphthylamide PA1 [6] glycine-glycine-.beta.-naphthylamide PA1 [7] .beta.-naphthyl-phosphate PA1 [8] .beta.-naphthyl-valerate PA1 [9] 4 methoxy leucine-.beta.-naphthylamide PA1 [10] glycine-.beta.-naphthylamide.



3. [WO/2005/038058](#) COMPOSITION FOR THE PRETANNING OF PELTS

WO - 28.04.2005

Int.Class [C14C 3/16](#) Appl.No PCT/EP2004/052465 Applicant TFL Ledertechnik GmbH Inventor LAUTON, Alain

Compositions comprising a) 5 to 50% by weight of an aliphatic dialdehyde having 2 to 10 carbon atoms; b) 2.5 to 20% by weight of at least one reductive saccharide having a dextrose equivalent of 10 to 100; c) 2.5 to 20% by weight of at least one water-soluble, optionally monoetherified polyoxaalkylene glycol having a molecular weight of more than 100 and not more than 2000; and d) 90 to 10% by weight of water, 0.05 to 0.19 mole of the components b) and c) being added per mole of the component a), outstandingly suitable for the pretanning of pelts and subsequent production of leathers free of heavy metals.



As the temperature of the heat treatment, a temperature for no significant grain growth [a temperature at or below which surface diffusion occurs] is preferable. In particular, a temperature for no crystallinity increase is further preferable. In other words, it is further preferable that the heat treatment be performed, in such a way that the half width of the diffraction peak within the range of $2\theta=33\pm 2^\circ$ of the XRD pattern is not more than 4.00° and not less than 0.55° .

The grain which satisfies the requirements of the present invention can be produced by appropriate adjustment of the amount of the organic compound, which produces a carbon material, and the temperature for spray pyrolysis. The diameter of the grain is controllable by appropriate adjustment of the size of the liquid droplets and the concentration of the solution to spray.

As a specific case, for example, lithium nitrate, iron (III) nitrate nonahydrate, and colloidal silica are weighted in such a way as to be a chemical composition of Li:Fe:Si=2:1:1 in a mole ratio and dissolved in water. Glucose is added to the solution, in which the compounds are dissolved, in such a way as to be Li:Fe:Si:glucose=2:1:1:2 in a mole ratio, and, for example, the resulting solution is converted into liquid droplets using an ultrasonic atomiser, and the liquid droplets are introduced together with nitrogen gas as a carrier gas into a heating furnace of 800°C . to be pyrolyzed. Thus, the grain can be produced.

As another specific case, for example, lithium nitrate, manganese (II) nitrate hexahydrate, and tetraethoxysilane are weighted in such a way as to be a chemical composition of Li:Mn:Si=2:1:1 in a mole ratio and dissolved in water. Tetraethoxysilane is dissolved in methoxyethanol in advance, and this solution is dissolved in the water. Glucose is added to the solution, in which the compounds are dissolved, in such a way as to be Li:Mn:Si:glucose=2:1:1:2 in a mole ratio, and, for example, the resulting solution is converted into liquid droplets using an ultrasonic atomiser, and the liquid droplets are introduced together with nitrogen gas as a carrier gas into a heating furnace of 600°C . to be pyrolyzed. Thus, the grain can be produced.

Next, the production method using a roasting method is described as an example.

A source material[s] used in the roasting method is a compound[s] which contains elements composing a desired metal oxide and is soluble in water. When the metal oxide contains iron as an element, it is preferable to use for the source material an iron, and steel pickling waste liquid or an aqueous solution, prepared by dissolving a rolling scale in hydrochloric acid. The aqueous solution in which the compound is dissolved is introduced into a roasting furnace of the Ruthner type, Lurgi type, Chemirite type or the like to be pyrolyzed. Thus, the grain can be produced.

The grain which satisfies the requirements of the present invention can be produced by appropriate adjustment of the amount of the organic compound, which produces a carbon material, and the temperature for pyrolysis in the roasting furnace. The diameter of the grain is controllable by appropriate adjustment of the size of the liquid droplets and the concentration of the solution to spray.

The grain may further be subjected to heat treatment in an inert atmosphere or a reductive atmosphere at 300°C . or above and $0.75T_m$ of the melting point T_m [K] or below.

As the temperature of the heat treatment, a temperature for no significant grain growth [a temperature at or below which surface diffusion occurs] is preferable. In particular, a temperature for no crystallinity increase is further preferable. In other words, it is further preferable that the heat treatment be performed in such a way that the half width of the diffraction peak within the range of $2\theta=33\pm 2^\circ$ of the XRD pattern is not more than 4.00° and not less than 0.55° .

As a specific case, for example, lithium acetate, manganese (II) nitrate hexahydrate, and colloidal silica are weighted in such a way as to be a chemical composition of Li:Mn:Si=2:1:1 in a mole ratio and dissolved in water. Glucose is dissolved in the aqueous solution, in which the compounds are dissolved, in such a way as to be Li:Mn:Si:glucose=2:1:1:2 in a mole ratio, and the resulting solution is, for example, introduced into a Chemirite type roasting furnace to be pyrolyzed at 500 to 800°C . Thus, the grain can be produced.

As another specific case, for example, lithium carbonate and colloidal silica, are dissolved in an iron and steel pickling waste liquid [for example, hydrochloric acid waste liquid with a concentration of 0.6 mol (Fe)/L] to be prepared, in such a way as to be a concentration equivalent to a chemical composition ratio of Li:Fe:Si=2:1:1 in a mole ratio. In order to fully dissolve lithium carbonate, an appropriate amount of 18% hydrochloric acid is added to the iron and steel pickling waste liquid in advance. Glucose is dissolved in the aqueous solution, in which the compounds are dissolved, in such a way as to be Li:Fe:Si:glucose=2:1:1:2 in a mole ratio, and the resulting solution is, for example, introduced into a Ruthner type roasting furnace to be pyrolyzed at 500 to 800°C . Thus, the grain can be produced.

Examples of the organic compound, which produces the carbon material, include ascorbic acid, monosaccharides [glucose , fructose , galactose, etc.], disaccharides [sucrose, maltose, lactose, etc.], polysaccharides [amylase, cellulose, dextrin, etc.], polyvinyl alcohol, polyethylene glycol, polypropylene glycol, polyvinyl butyral, polyvinyl pyrrolidone, phenol, hydroquinone, catechol, maleic acid, citric acid, malonic acid, ethylene glycol, triethylene glycol, diethylene glycol butyl methyl ether, triethylene glycol butyl methyl ether, tetraethylene glycol, dimethyl ether, tripropylene glycol dimethyl ether, and glycerin.

Examples of the compound, which contains elements composing the oxide, include metal, hydroxide, nitrate, chloride, organic acid salt, oxide, carbonate, and metal alkoxide.

CHEM:(XNWFRZJHXBZDAG-UHFFFAOYSA-N AND GZCGUPFRVQAUJEE-SLPGGIOYSA-N AND BJHIKXHVCXFQLS-UYFOZJQFSA-N)



1,037 results Offices all Languages all 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	608	United States of America	767	HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN	142	A61K	469	c11d	224	2003	50	A	457
PCT	413	PCT	413	HENKEL AG AND CO KGAA	89	C11D	334	a61k	137	2004	59	B2	325
Eurasian Patent Organization	13	China	89	TAKEDA PHARMACEUTICAL COMPANY LIMITED	37	C07D	240	a61p	96	2005	76	A1	216
Russian Federation	3	Republic of Korea	59	MAURER KARL HEINZ	36	A61P	143	c07d	71	2006	52	B1	34
		Canada	53	JEKEL MAREN	33	A61Q	87	a61q	55	2007	64	C2	3
		European Patent Office	49	NEKTAR THERAPEUTICS	32	C12N	83	c12n	33	2008	79	A2	1
		Japan	42	PEGELOW ULRICH	31	A01N	69	a61k 47/60	31	2009	91	E	1
		India	41	BASF SE	29	C09D	60	c07d 487/04	29	2010	51		
		Mexico	41	NITSCH CHRISTIAN	29	C07K	58	a61k 45/06	27	2011	58		
		Germany	36	FUJIFILM CO	24	C08G	57	c07d 471/04	27	2012	39		
		Brazil	35			C07C	55	c07d 401/14	22	2013	39		
						C08F	44	a23l	21	2014	53		

CHEM:(XNWFRZJHXBZDAG-UHFFFAOYSA-N AND GZCGUPFRVQAUEE-SLPGGIOYSA-N AND BJHIKXHVCXFQLS-UYFOZJQFSA-N) AND PA:Henkel



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



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< 1/3 >

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1. **20070256251** WASHING AND CLEANING PRODUCTS COMPRISING IMMOBILIZED ACTIVE INGREDIENTS

US - 08.11.2007

Int.Class [C11D 17/00](#) Appl.No 11664139 Applicant [Henkel](#) KGaA Inventor Orlich Bernhard

Capsules which comprise an immobilized active ingredient in a matrix, wherein the active ingredient is bound to a substrate, and cleaning/detergent compositions comprising such a capsule and a surfactant, methods for the preparation of such compositions and their use are described.



2. **20070215184** DETERGENT/CLEANING AGENTS WITH A GELLAN GUM THICKENING SYSTEM, METHODS FOR USING THE SAME AND CLEANING SUBSTRATES CONTAINING THE SAME

US - 20.09.2007

Int.Class [B08B 3/04](#) Appl.No 11661021 Applicant [Henkel](#) KGaA Inventor Jonke Hermann

Aqueous compositions comprising: [a] a surfactant; and [b] a thickening system comprising: [i] a gellan gum; and [ii] a thickener selected from the group consisting of polyacrylate thickeners, xanthan gums, guar flours, alginates, carrageenans, carboxy -methylcelluloses, bentonites, wellan gums, carob flours and mixtures thereof; wherein the surfactant comprises a fatty acid soap, and wherein the fatty acid soap is present in an amount of 2 to 20 % by weight based on the composition are disclosed, along with uses therefor.



3. **20050139608** DISPENSER BOTTLE FOR AT LEAST TWO ACTIVE FLUIDS

US - 30.06.2005

Int.Class [B05B 11/04](#) Appl.No 11058928 Applicant [Henkel](#) KGaA Inventor Muehlhausen Hans-Georg

A dispenser bottle having a first receiving container for a first active fluid and at least a second receiving container for a second active fluid, wherein the receiving containers each have a respective outlet for the active fluid and the outlets are arranged adjacently such that the two active fluids can be applied in a common application field of an application region, and wherein the outlets each comprise a respective



18. How many PCT applications have third party observation in 2022?

55

ADVANCED SEARCH ▾

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third

Third Party Observation

⊕ Expand with related terms

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TPO:1

Yes

⊕ Expand with related terms

ADVANCED SEARCH ▾

✔ Please enter a valid field... (or use UP/DOWN keys, and TAB or ENTER to select)

third

Third Party Observation

⊕ Expand with related terms

ADVANCED SEARCH ▾

✔ Enter a value...

TPO:

Yes

No

*

TPO:1 AND DP:2022



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



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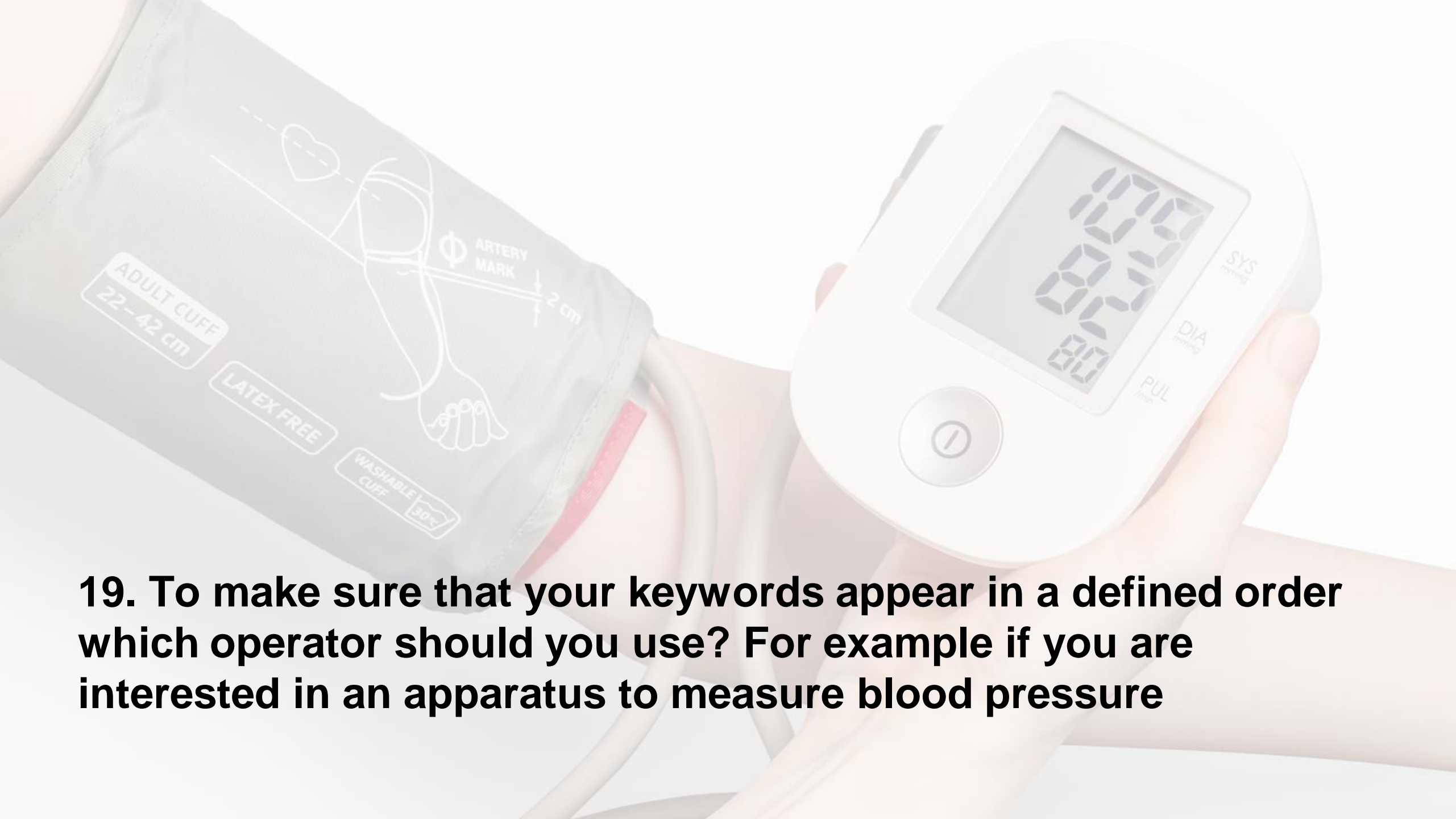
1. [WO/2022/013821](#) BIODEGRADABLE MICROCAPSULES. PROCESS FOR PREPARING THE SAME AND METHOD OF USE THEREOF

WO - 20.01.2022

Int.Class [A61K 8/02](#) Appl.No PCT/IB2021/056420 Applicant ISP INVESTMENTS LLC Inventor AKRACH, Majda

The present invention provides biodegradable microcapsules, that can encapsulate and retain cargoes such as, lipophilic or hydrophobic core materials comprising fragrances, butters, essential or other oils; or oil solubilized ingredients process of making said biodegradable microcapsules and their applications in various industries. Present invention further provides biodegradable shell materials that show evidence of biodegradation or non-persistence in aquatic based and/or soil or compost based environments.

Aliphatic polyether microcapsules (201-13-1, 13-2, 13-3, 13-4, 13-5, 13-6, 13-7, 13-8, 13-9, 13-10, 13-11, 13-12, 13-13, 13-14, 13-15, 13-16, 13-17, 13-18, 13-19, 13-20, 13-21, 13-22, 13-23, 13-24, 13-25, 13-26, 13-27, 13-28, 13-29, 13-30, 13-31, 13-32, 13-33, 13-34, 13-35, 13-36, 13-37, 13-38, 13-39, 13-40, 13-41, 13-42, 13-43, 13-44, 13-45, 13-46, 13-47, 13-48, 13-49, 13-50, 13-51, 13-52, 13-53, 13-54, 13-55, 13-56, 13-57, 13-58, 13-59, 13-60, 13-61, 13-62, 13-63, 13-64, 13-65, 13-66, 13-67, 13-68, 13-69, 13-70, 13-71, 13-72, 13-73, 13-74, 13-75, 13-76, 13-77, 13-78, 13-79, 13-80, 13-81, 13-82, 13-83, 13-84, 13-85, 13-86, 13-87, 13-88, 13-89, 13-90, 13-91, 13-92, 13-93, 13-94, 13-95, 13-96, 13-97, 13-98, 13-99, 13-100, 13-101, 13-102, 13-103, 13-104, 13-105, 13-106, 13-107, 13-108, 13-109, 13-110, 13-111, 13-112, 13-113, 13-114, 13-115, 13-116, 13-117, 13-118, 13-119, 13-120, 13-121, 13-122, 13-123, 13-124, 13-125, 13-126, 13-127, 13-128, 13-129, 13-130, 13-131, 13-132, 13-133, 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19. To make sure that your keywords appear in a defined order which operator should you use? For example if you are interested in an apparatus to measure blood pressure

BEFORE

20. Amend the following queries:

- a. EN_AB:(CHEM:(IKHGUXGNUITLKF-UHFFFAOYSA-N)) AND EN_AB:(MOLLUSCICIDE)
- b. EN_CL:(CHEM:(OAKJQQAXSVQMHS-UHFFFAOYSA-N))
- c. EN_AB:(apparatus NEAR4 blood AND pressure) – so that the search retrieves documents about apparatus for measuring blood pressure
- d. CPC:PCT AND LI:1 and TPO:1 – so that the search retrieves documents having third party observations and licensing availability information
- e. EN_DE:(SOLAR) OR (WIND AND TURBINE) – so that the search retrieves all keywords in the English description
- f. EN_CL: (US national) AND (electric bicycle) – so that the search retrieves in the English claims documents about electric bicycles in the US national collection
- g. EN_CL: (electricity)(generation)(conversion)(dynamo electric machines)

20. Amend the following queries:

- a. ~~EN_AB:(CHEM:(IKHGUXGNUITLKF-UHFFFAOYSA-N))~~ AND EN_AB:(MOLLUSCICIDE)
CHEM:(IKHGUXGNUITLKF-UHFFFAOYSA-N) AND EN_AB:(MOLLUSCICIDE)

- b. ~~EN_CL:(CHEM:(OAKJQQAXSVQMHS-UHFFFAOYSA-N))~~
CHEM:((I OAKJQQAXSVQMHS-UHFFFAOYSA-N BEFORE1000 description) AND (claims BEFORE1000 OAKJQQAXSVQMHS-UHFFFAOYSA-N))

- c. EN_AB:(apparatus NEAR4 (blood AND pressure)) – so that the search retrieves documents about apparatus for measuring blood pressure

- d. ~~CPC:PCT~~ AND LI:1 and TPO:1 – so that the search retrieves documents having third party observations and licensing availability information

20. Amend the following queries:

e. EN_DE:(SOLAR ~~OR~~ WIND AND TURBINE) – so that the search retrieves all keywords in the English description
AND

f. EN_CL: (US national) AND (electric bicycle) – so that the search retrieves in the English claims documents about electric bicycles in the US national collection

EN_CL: (electric bicycle) AND **CTR**:US

g. EN_CL: (electricity **AND** generation **AND** conversion **AND** dynamo electric machines)

21. Please define the steps to obtain the result below:

EN_TI:(interactive NEAR8 watch)



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



COUNTRY=CN APPLICANT_NAME=GOOGLE LLC

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

1/1

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1. **111936940** BIDIRECTIONAL AND EXPRESSIVE INTERACTION IN A HYBRID SMART WATCH

Int.Class G04C 17/00 Appl.No 201980023454.1 Applicant GOOGLE LLC Inventor OLWAL ALEX

Aspects of the disclosure provide a hybrid smartwatch that incorporates digital technology with an analog timepiece in a wristwatch form factor. A digital display layer of a non-emissive material is configured to present notices, data, content and other information. An analog display layer includes one or more hands of the timepiece, and overlies the digital display layer. The hands may be controlled by a processor through micro-stepper motors or other actuators. Physical motion of the hands provides expressivity, for instance via visual mechatronic effects. This may include buzzing, clapping, providing stylized visual features, hiding or minimizing information, and revealing information. The information presented on the digital display layer is presented concurrently with the hand movement, in a manner that complements the hand motion. This provides a rich, symbiotic dual-display layer arrangement that enhances the capabilities of the digital and analog display layers.

CN - 13.11.2020



1/1

1. Enter query in Field combination or Advanced in the English title
Interactive NEAR8 watch

2. In the Analysis, select country China and Applicant Google

EN_Tl:(interactive NEAR8 watch)

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

COUNTRY=CN APPLICANT_NAME=GOOGLE LLC

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1. **111936940** BIDIRECTIONAL AND EXPRESSIVE INTERACTION IN A HYBRID SMART WATCH

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CN - 13.11.2020



1/1

22. How many records of NPL are currently available in PATENTSCOPE? Can you name one or more publisher/s?

559,522

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PCT publication 33/2022 [18.08.2022] is now available [here](#). The next PCT publication 34/2022 is scheduled for 25.08.2022. [More](#)

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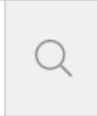


[Query Examples](#)

Offices

All





106,016,723 results Offices all Languages all Stemming true Single Family Member false Include NPL false



REFINE OPTIONS

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Offices All	▼
Languages All	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input checked="" type="checkbox"/> Include NPL	

ANALYSIS

Close

Filters Charts Timeseries

Countries		Offices		Applicants		IPC code		CPC code		Publication Dates		Kind code	
China	31,395,350	China	32,565,223	SAMSUNG ELECTRONICS CO LTD	484,648	G06F	4,736,208	a61p 43/00	575,794	2003	1,737,962	A	40,670,109
Japan	19,049,810	Japan	19,300,179	SIEMENS AG	354,337	A61K	4,294,496	a61p 35/00	558,029	2004	1,761,688	U	20,473,837
United States of America	13,981,333	United States of America	15,496,779	SONY CO	300,219	H01L	3,340,813	y02e 60/10	532,791	2005	1,824,333	B2	9,409,164
Germany	6,042,107	Germany	6,311,742	LG ELECTRONICS INC	247,240	G01N	2,741,578	a61p 29/00	353,521	2006	1,925,557	A1	9,197,970
Republic of Korea	4,733,491	Republic of Korea	5,348,430	HITACHI LTD	240,965	H04N	2,285,329	a61k	337,534	2007	2,029,666	B1	7,738,907
PCT	4,392,157	European Patent Office	4,397,708	CANON INC	230,285	H04L	2,212,678	a61p 25/00	299,273	2008	2,088,323	B	6,635,698
European Patent Office	4,040,281	PCT	4,392,157	MITSUBISHI ELECTRIC CO	218,193	A61P	2,045,678	g06f	297,927	2009	2,130,868	Y	1,449,748
France	2,494,104	Canada	2,885,465	INTERNATIONAL BUSINESS MACHINES CO	216,603	C07D	1,895,463	a61p	271,062	2010	2,247,252	C	1,326,546
Canada	2,490,370	France	2,494,104	HUAWEI TECH CO LTD	202,612	A61B	1,886,156	h04l	269,987	2011	2,372,781	U1	1,029,191
United Kingdom	2,404,335	United Kingdom	2,453,393	SEIKO EPSON CO	191,839	B01D	1,843,396	a61k 45/06	250,830	2012	2,719,402	T3	857,031
Australia	1,826,176	Australia	1,832,414	NEC CO	188,361	B65D	1,751,292	a61p 9/00	240,304	2013	2,988,297	C2	722,379
Spain	1,646,934	Spain	1,649,303	TOSHIBA CO	187,431	G02B	1,424,142	a61p 9/10	233,665	2014	3,163,318	A5	624,152
Russian Federation[USSR data]	1,409,868	Russian Federation	1,508,334			B29C	1,420,953	y02p 70/50	233,608	2015	3,272,446	T	597,174
Russian Federation	1,306,246	Russian Federation[USSR data]	1,409,868			C12N	1,354,691	a61k 38/00	222,791	2016	3,746,814	C1	594,196
						C07C	1,347,465	a23v 2002/00	221,499	2017	4,132,544	A2	571,364
						G06Q	1,280,633	h04w	220,012	2018	4,891,768	NPL	559,522
						H04W	1,237,201	a61p 25/28	217,141	2019	4,994,312	A4	520,662

X PUBLICATION_KIND=NPL

Sort: Pub Date Desc ▾ Per page: 100 ▾ View: All+Image ▾

< 1 / 5,596 ▾ >

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1. [10.1038/S41396-022-01733-4](#) ECOLOGICAL DYNAMICS OF THE GUT MICROBIOME IN RESPONSE TO DIETARY FIBER


NPL - 01.08.2022

Int.Class [A23L 33/21](#)  Publisher nature Journal The ISME Journal

Dietary fibers are generally thought to benefit intestinal health. Their impacts on the composition and metabolic function of the gut microbiome, however, vary greatly across individuals. Previous research showed that each individual's response to fibers depends on their baseline gut microbiome, but the ecology driving microbiota remodeling during fiber intake remained unclear. Here, we studied the long-term dynamics of the gut microbiome and short-chain fatty acids (SCFAs) in isogenic mice with distinct microbiota baselines fed with the fermentable fiber inulin and resistant starch compared to the non-fermentable fiber cellulose. We found that inulin produced a generally rapid response followed by gradual stabilization to new equilibria, and those dynamics were baseline-dependent. We parameterized an ecology model from the time-series data, which revealed a group of bacteria whose growth significantly increased in response to inulin and whose baseline abundance and interspecies competition explained the baseline dependence of microbiome density and community composition dynamics. Fecal levels of SCFAs, such as propionate, were associated with the abundance of inulin responders, yet inter-individual variation of gut microbiome impeded the prediction of SCFAs by machine learning models. We showed that our methods and major findings were generalizable to dietary resistant starch. Finally, we analyzed time-series data of synthetic and natural human gut microbiome in response to dietary fiber and validated the inferred interspecies interactions in vitro. This study emphasizes the importance of ecological modeling to understand microbiome responses to dietary changes and the need for personalized interventions.

NO
IMAGE
AVAILABLE**2. [10.1038/S41379-022-01023-9](#) COMPREHENSIVE GENOMIC PROFILING OF *EWSR1/FUS::CREB* TRANSLOCATION-ASSOCIATED TUMORS UNCOVERS PROGNOSTICALLY SIGNIFICANT RECURRENT GENETIC ALTERATIONS AND METHYLATION-TRANSCRIPTIONAL CORRELATES**

NPL - 01.08.2022

Int.Class [C12Q 1/6886](#)  Publisher nature Journal Modern Pathology

To elucidate the mechanisms underlying the divergent clinicopathologic spectrum of *EWSR1/FUS::CREB* translocation-associated tumors, we performed a comprehensive genomic analysis of fusion transcript variants, recurrent genetic alterations (mutations, copy number alterations), gene expression, and methylation profiles across a large cohort of tumor types. The distribution of the *EWSR1/FUS* fusion partners—*ATF1*, *CREB1*, and *CREM*—and exon involvement was significantly different across different tumor types. Our targeted sequencing showed that secondary genetic events are associated with tumor type rather than fusion type. Of the 39 cases that underwent targeted NGS testing, 18 (46%) had secondary OncoKB mutations or copy number alterations [29 secondary genetic events in total], of which 15 (52%) were recurrent. Secondary recurrent, but mutually exclusive, *TERT* promoter and *CDKN2A* mutations were identified only in clear cell sarcoma (CCS) and associated with worse overall survival. *CDKN2A/B* homozygous deletions were recurrent in angiomatoid fibrous histiocytoma (AFH) and restricted to metastatic cases. mRNA upregulation of *MITF*, *CDH19*, *PARVB*, and *PFKP* was found in CCS, compared to AFH, and correlated with a hypomethylated profile. In contrast, *S100A4* and *XAF1* were differentially upregulated and hypomethylated in AFH but not CCS. Unsupervised clustering of methylation profiles revealed that *CREB* family translocation-associated tumors form neighboring but tight, distinct clusters. A sarcoma methylation classifier was able to accurately match 100% of CCS cases to the correct methylation class; however, it was suboptimal when applied to other histologies. In conclusion, our comprehensive genomic profiling of *EWSR1/FUS::CREB* translocation-associated tumors uncovered mostly histotype, rather than fusion-type associated correlations in transcript variants, prognostically significant secondary genetic alterations, and gene expression and methylation patterns.

NO
IMAGE
AVAILABLE**3. [10.1038/S41379-022-01021-X](#) CHARACTERIZATION OF INITIAL/EARLY HISTOLOGIC FEATURES OF PROLIFERATIVE LEUKOPLAKIA AND CORRELATION WITH MALIGNANT TRANSFORMATION: A MULTICENTER STUDY**

NPL - 01.08.2022

Int.Class [G06F 19/18](#)  Publisher nature Journal Modern Pathology

The aim of this multicenter retrospective study is to characterize the histopathologic features of initial/early biopsies of proliferative leukoplakia (PL; also known as proliferative verrucous leukoplakia), and to analyze the correlation between histopathologic features and malignant transformation (MT). Patients with a clinical diagnosis of PL who have at least one biopsy and one follow-up visit were included in this study. Initial/early biopsy specimens were reviewed. The biopsies were evaluated for the presence of squamous cell carcinoma (SCCa), oral epithelial dysplasia (OED), and atypical verrucous hyperplasia (AVH). Cases that lacked unequivocal features of dysplasia were termed "hyperkeratosis/parakeratosis not reactive (HKNR)". Pearson chi-square test and Wilcoxon test were used for statistical analysis. There were 86 early/initial biopsies from 59 patients; 74.6% were females. Most of the cases had a smooth/homogenous (34.8%) or fissured appearance (32.6%), and only 13.0% had a verrucous appearance. The most common biopsy site was the gingiva/alveolar mucosa (40.8%) and buccal mucosa (25.0%). The most common histologic diagnosis was OED (53.5%) followed by HKNR (31.4%). Of note, two-thirds of HKNR cases showed only hyperkeratosis and epithelial atypia. A lymphocytic band was seen in 34.0% of OED cases and 20.6% of HKNR cases, mostly associated with epithelial atypia. Twenty-eight patients (47.5%) developed carcinoma

NO
IMAGE
AVAILABLE

68. [10.3390/MA15134701](#) COLOSSAL PERMITTIVITY CHARACTERISTICS OF [NB, SI] CO-DOPED TiO₂ CERAMICS

NPL - 05.07.2022


Int.Class [C04B 35/626](#)  Publisher MDPI Journal Materials

[Nb⁵⁺, Si⁴⁺] co-doped TiO₂ (NSTO) ceramics with the compositions [Nb_{0.5}Si_{0.5}]_xTi_{1-x}O₂, x = 0, 0.025, 0.050 and 0.1 were prepared with a solid-state reaction technique. X-ray diffraction (XRD) patterns and Raman spectra confirmed that the tetragonal rutile is the main phase in all the ceramics. Additionally, XRD revealed the presence of a secondary phase of SiO₂ in the co-doped ceramics. Impedance spectroscopy analysis showed two contributions, which correspond to the responses of grain and grain-boundary. All the [Nb, Si] co-doped TiO₂ showed improved dielectric performance in the high frequency range (>103 Hz). The sample [Nb_{0.5}Si_{0.5}]_{0.025}Ti_{0.975}O₂ showed the best dielectric performance in terms of higher relative permittivity (5.5 × 10⁴) and lower dielectric loss (0.18), at 10 kHz and 300 K, compared to pure TiO₂ (1.1 × 10³, 0.34). The colossal permittivity of NSTO ceramics is attributed to an internal barrier layer capacitance (IBLC) effect, formed by insulating grain-boundaries and semiconductor grains in the ceramics.

NO
IMAGE
AVAILABLE

69. [10.3390/MATH10132349](#) NONLINEAR TRANSIENT DYNAMICS OF GRAPHENE NANOPATELETS REINFORCED PIPES CONVEYING FLUID UNDER BLAST LOADS AND THERMAL ENVIRONMENT

NPL - 05.07.2022


Int.Class [F16L 9/12](#)  Publisher MDPI Journal Mathematics

This work aims at investigating the nonlinear transient response of fluid-conveying pipes made of graphene nanoplatelet (GPL)-reinforced composite (GPLRC) under blast loads and in a thermal environment. A modified Halpin-Tsai model is used to approximate the effective Young's modulus of the GPLRC pipes conveying fluid; the mass density and Poisson's ratio are determined by using the Voigt model. A slender Euler-Bernoulli beam is considered for modeling the pipes conveying fluid. The vibration control equation of the GPLRC pipes conveying fluid under blast loads is obtained by using Hamilton's principle. A set of second-order ordinary differential equations are obtained by using the second-order Galerkin discrete method and are solved by using the adaptive Runge-Kutta method. Numerical experiments show that GPL distribution and temperature; GPL weight fraction; pipe length-to-thickness ratio; flow velocity; and blast load parameters have important effects on the nonlinear transient response of the GPLRC pipes conveying fluid. The numerical results also show that due to the fluid-structure interaction, the vibration amplitudes of the GPLRC pipes conveying fluid decay after the impact of blast loads.

NO
IMAGE
AVAILABLE

70. [10.3390/MOLECULES27134321](#) EXTRACTION AND FRACTIONATION OF PROKINETIC PHYTOCHEMICALS FROM CHROZOPHORA TINCTORIA AND THEIR BIOACTIVITIES

NPL - 05.07.2022

Int.Class [A61K 36/24](#)  Publisher MDPI Journal Molecules

Chrozophora tinctoria is an annual plant of the family Euphorbiaceae, traditionally used as a laxative, a cathartic and an emetic. A methanolic extract of Chrozophora tinctoria (MEC) whole plant and an n-butanol fraction of Chrozophora tinctoria (NBFC) were analyzed by gas chromatography-mass spectrometry (GC-MS) to detect the phytochemicals. MEC and NBFC were tested for in vitro anti acetylcholinesterase (AChE) potential. The effect of both samples on intestinal propulsive movement and spasmolytic activity in the gastrointestinal tract (GIT) was also studied. About twelve compounds in MEC and three compounds in NBFC were tentatively identified through GC-MS. Some of them are compounds with known therapeutic activity, such as toluene; imipramine; undecane; 14-methyl-pentadecanoic acid methyl ester; and hexadecanoic acid. Both NBFC and MEC samples were checked for acute toxicity and were found to be highly toxic in a dose-dependent manner, causing diarrhea and emesis at 1 g/kg concentration in pigeons, with the highest lethargy and mortality above 3 g/kg. Both the samples of Chrozophora tinctoria revealed significant (p ≤ 0.01) laxative activity against metronidazole (7 mg/kg) and loperamide hydrochloride (4 mg/kg)-induced constipation. NBFC (81.18 ± 2.5%) and MEC (68.28 ± 2.4%) significantly increased charcoal meal intestinal transit compared to distal water (41.15 ± 4.3%). NBFC exhibited a significant relaxant effect (EC₅₀ = 3.40 ± 0.20 mg/mL) in spontaneous rabbit jejunum as compared to MEC (EC₅₀ = 4.34 ± 0.68 mg/kg). Similarly, the impact of NBFC on KCl-induced contraction was more significant than that of MEC (EC₅₀ values of 7.22 ± 0.06 mg/mL and 7.47 ± 0.57 mg/mL, respectively). The present study scientifically validates the folk use of Chrozophora tinctoria in the management of gastrointestinal diseases such as constipation. Further work is needed to isolate the phytochemicals that act as diarrheal agents in Chrozophora tinctoria.

NO
IMAGE
AVAILABLE



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1. **66824873** COLD-STUNNING

NPL - 19.02.2021

Int.Class [A01N 43/90](#) ? Publisher [wikipedia](#) Journal wikipedia

Cold-stunning, also known as hypothermic stunning, is a hypothermic reaction experienced by marine reptiles, notably sea turtles, when exposed to cold water for prolonged periods, which causes them to become weak and inactive. Cold-stunned sea turtles may float to the surface and be further exposed to cold temperatures, which can cause them to drown. A water temperature threshold of 8 -10 °C has been associated with mass turtle stunning events. After cold-stunning has taken place, there is only a very short period of time when sea turtles can be safely rescued.

2. **66822760** SPY PIXEL

NPL - 19.02.2021

Int.Class [H04L 12/58](#) ? Publisher [wikipedia](#) Journal wikipedia

Spy pixels or tracker pixels are hyperlinks to remote image files in HTML email messages that have the effect of spying on the person reading the email if the image is downloaded.

3. **66820986** PUNJAB RENEWABLE ENERGY SYSTEMS PVT. LTD.

NPL - 19.02.2021

Int.Class [H02J 3/38](#) ? Publisher [wikipedia](#) Journal wikipedia

23. Perform a search in the field Chinese claim about nail clipper





nail clipper

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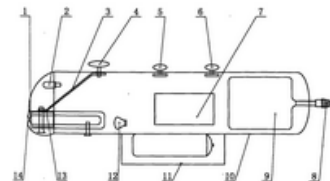
▶ DE > Nagelknipser	Reliability 3 / 4	...
▶ EN > nail clippers	Reliability 3 / 4	...
▶ ES > cortauñas	Reliability 3 / 4	...
▶ FR > coupe-ongles	Reliability 3 / 4	...
▶ KO > 손톱깎이	Reliability 3 / 4	...
▶ AR > أظفار الأظفار	Machine translation	...
▶ JA > 爪切り	Machine translation	...
▶ PT > descascadores de unha	Machine translation	...
▶ RU > машинка для обрезания ногтей	Machine translation	...
▶ ZH > 指甲刀	Machine translation	...

**1. 102008172 多功能指甲刀**

Int.Class A45D 29/02 ⓘ Appl.No 201010272556.8 Applicant Li Jian Inventor Li Jian

一种使用效果好的多功能指甲刀, 包括“U”形指甲刀, “U”形指甲刀外套有管状指甲刀外壳, “U”形指甲刀与管状指甲刀外壳固定连接, “U”形指甲刀的左端穿出管状指甲刀外壳的左端, “U”形指甲刀的连杆的自由端固定连接有按柄, 按柄位于管状指甲刀外壳的外面, 管状指甲刀外壳的左端盖有透明罩, “U”形指甲刀位于透明罩内, 本发明功能多, 使用方便。

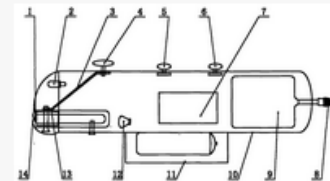
CN - 13.04.2011

**2. 201839984 多功能指甲刀**

Int.Class A45D 29/02 ⓘ Appl.No 201020516988.4 Applicant 李建 Inventor 李建

一种使用效果好的多功能指甲刀, 包括“U”形指甲刀, “U”形指甲刀外套有管状指甲刀外壳, “U”形指甲刀与管状指甲刀外壳固定连接, “U”形指甲刀的左端穿出管状指甲刀外壳的左端, “U”形指甲刀的连杆的自由端固定连接有按柄, 按柄位于管状指甲刀外壳的外面, 管状指甲刀外壳的左端盖有透明罩, “U”形指甲刀位于透明罩内, 本实用新型功能多, 使用方便。

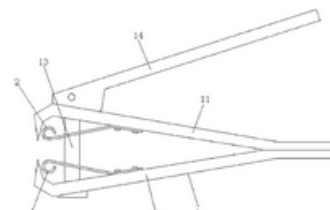
CN - 25.05.2011

**3. 103040228 指甲刀**

Int.Class A45D 29/02 ⓘ Appl.No 201210584083.4 Applicant 丁丛华 Inventor 丁丛华

本发明公开了一种指甲刀, 包括指甲刀本体, 所述指甲刀本体钳口内侧设有用于夹持指甲修剪部分的夹持组件; 所述夹持组件随指甲刀本体钳口同步张开和闭合, 本发明的指甲刀, 能够限制指甲修剪部分无规则崩出, 利于对指甲修剪部分进行集中处理以及保持环境卫生。

CN - 17.04.2013

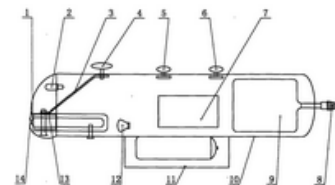


1. [102008172](#) 多功能指甲刀

CN - 13.04.2011

Int.Class [A45D 29/02](#) Appl.No 201010272556.8 Applicant Li Jian Inventor Li Jian

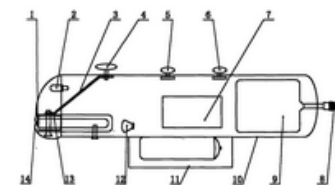
一种使用效果好的多功能指甲刀,包括“U”形指甲刀,“U”形指甲刀外套有管状指甲刀外壳,“U”形指甲刀与管状指甲刀外壳固定连接,“U”形指甲刀的左端穿出管状指甲刀外壳的左端,“U”形指甲刀的连杆的自由端固定连接有按柄,按柄位于管状指甲刀外壳的外面,管状指甲刀外壳的左端盖有透明罩,“U”形指甲刀位于透明罩内,本发明功能多,使用方便。

2. [201839984](#) 多功能指甲刀

CN - 25.05.2011

Int.Class [A45D 29/02](#) Appl.No 201020516988.4 Applicant 李建 Inventor 李建

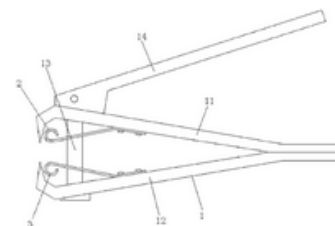
一种使用效果好的多功能指甲刀,包括“U”形指甲刀,“U”形指甲刀外套有管状指甲刀外壳,“U”形指甲刀与管状指甲刀外壳固定连接,“U”形指甲刀的左端穿出管状指甲刀外壳的左端,“U”形指甲刀的连杆的自由端固定连接有按柄,按柄位于管状指甲刀外壳的外面,管状指甲刀外壳的左端盖有透明罩,“U”形指甲刀位于透明罩内,本实用新型功能多,使用方便。

3. [103040228](#) 指甲刀

CN - 17.04.2013

Int.Class [A45D 29/02](#) Appl.No 201210584083.4 Applicant 丁丛华 Inventor 丁丛华

本发明公开了一种指甲刀,包括指甲刀本体,所述指甲刀本体钳口内侧设有用于夹持指甲修剪部分的夹持组件;所述夹持组件随指甲刀本体钳口同步张开和闭合,本发明的指甲刀,能够限制指甲修剪部分不规则崩出,利于对指甲修剪部分进行集中处理以及保持环境卫生。



24. Why is there an error message in the query below?

EN_AB:cooler AND portable AND food

Unknown field: ALL

EN_AB:(cooler AND portable AND food)



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



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

< 1/2 >

Download ▼ Machine translation ▼

1. **20170320444** APPARATUS FOR SECURING PORTABLE FILE BOX, FILE TOTE, STORAGE BOX, PORTABLE FOOD COOLER AND UTILITY STORAGE CONTAINERS DURING TRANSPORTATION OR STORAGE BY USING AN APPLICATION SPECIFIC ADJUSTABLE RESTRAINT THAT INCORPORATES THE EXISTING SHOULDER / SEAT BELT SAFETY AND/OR CARGO SECURING SYSTEMS IN AN AUTOMOBILE. US - 09.11.2017

Int.Class [B60R 7/04](#) ? Appl.No 15148582 Applicant Paul Micheal Bober Inventor Paul Micheal Bober

An apparatus used for securing [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers during transportation or storage by using an adjustable restraint that incorporates the existing shoulder safety belt in an automobile or any other strapping material. The device has molded concave surface with a small ledge extending into the center of the device from the outside edge. The device is designed to accept the perimeter shape of rectangular or square shaped the [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers. The primary elements of the device are the "T" shaped cut-out openings in the frame of the apparatus. The adjusters are adjustable mechanical fastener that prevents random loosening and retains the tension of the length and width setting of the [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage container. The adjustable mechanical fastener assist with the frictional force against the sides of shaped the [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers. The apparatus has corner holes used to stabilize shaped the [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers while transporting or when the [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers are vertically stack stored. The inside tensioning edge is designed to prevent the restrain form overcoming the top edge of the tote or container while keeping the apparatus in direct contact with the [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers .

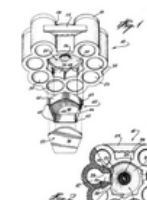
The "T" shaped cut-outs can be surface mounted to existing [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers. The "T" shaped cut-outs can be embedded, molded or cast in the sides of [portable](#) file box, file tote, storage box, [food cooler](#) and utility storage containers and provide the same use as the free standing complete apparatus.



2. **1133856** PORTABLE COOLER WITH FOOD RECEPTACLE CA - 19.10.1982

Int.Class [B65D 81/38](#) ? Appl.No 347361 Applicant Inventor TAYLOR, FRANK

[PORTABLE COOLER](#) WITH [FOOD](#) RECEPTACLE Abstract of the Disclosure A small [portable cooler](#) for carrying cylindrical type beverage containers and foodstuff . A handle is integrally molded with the body of the [cooler](#) so that it can be carried by one hand. A cold pack is supported in a coolant chamber which distributes cold air to the cylindrical container compartments within the [cooler](#) body. A [food](#) container is removably secured to a back wall of the container body. The back wall also serves as a support surface for the beverage containers about the [food](#) container. - 1 -



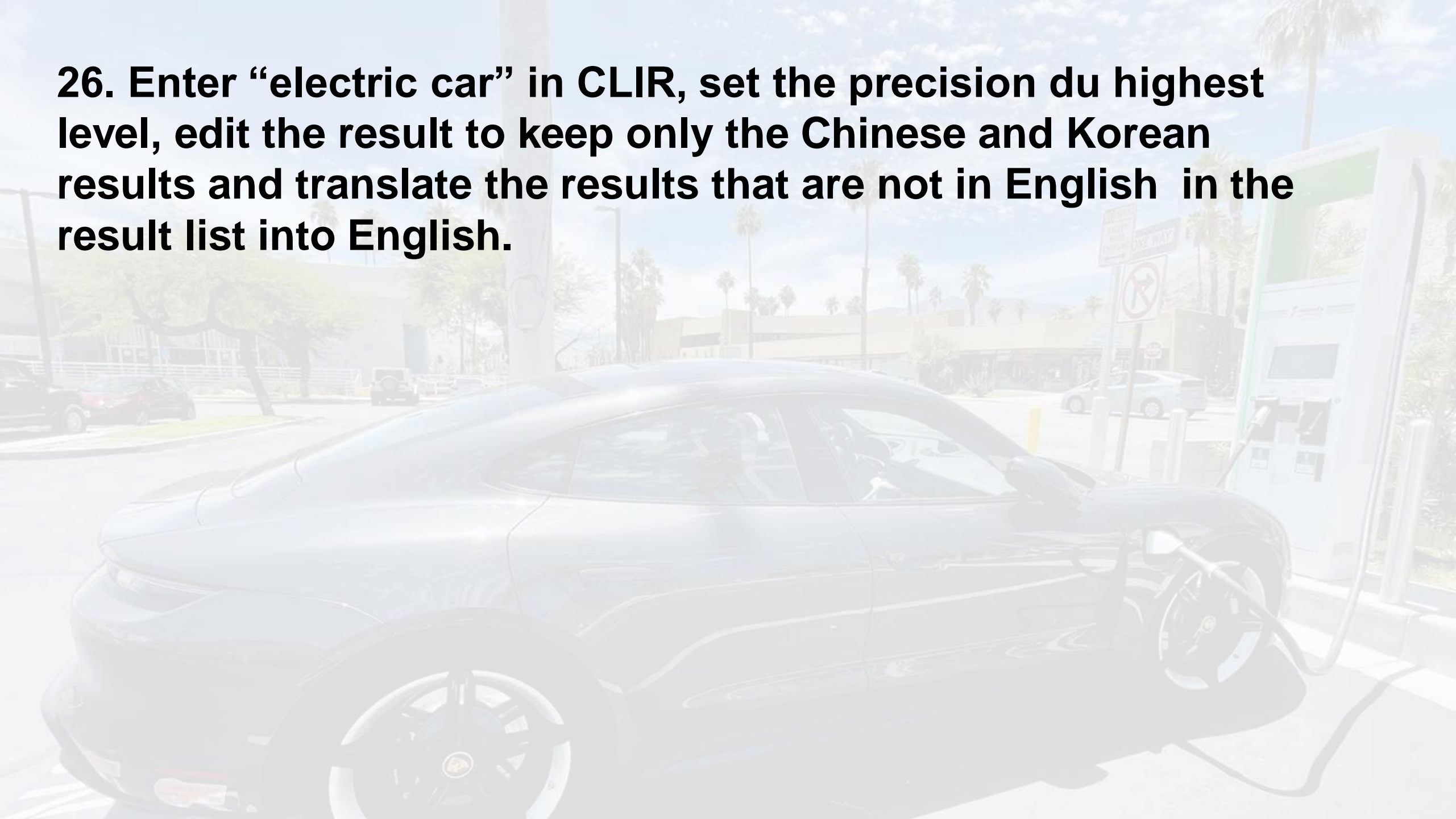
No (....) = all field

25. List the benefits of being logged-in with a WIPO account when using PATENTSCOPE

Benefits of WIPO account in PATENTSCOPE

- Access chemical searches
- Save preferred settings and queries
- Higher number of wildcards
- Download result list and documents

26. Enter “electric car” in CLIR, set the precision du highest level, edit the result to keep only the Chinese and Korean results and translate the results that are not in English in the result list into English.



CROSS LINGUAL EXPANSION ▾

Search terms... *
"electric car"

Query Language" English ▾	Expansion Mode: <input checked="" type="radio"/> Automatic <input type="radio"/> Supervised	Precision level Highest ▾
The language of your query Use the Supervised mode to select the technical domains, the relevant variants, the languages to translate your query to and the fields to search by		Influences the precision of the suggested variants. Highest level considers only the most relevant ones [less suggested variants] Lowest level considers the less relevant as well [more suggested variants]

Search

EN_AB:("electric car") OR FR_AB:("voiture électrique") OR DE_AB:("Elektroauto") OR ES_AB:("coche eléctrico") OR PT_AB:("automóvel eléctrico") OR JA_AB:("電車") OR RU_AB:("электромобиль") OR



65,664 results Offices all Languages all Stemming true Single Family Member false Include NPL false



FULL QUERY

Close

Edit


EN_AB:("electric car") OR FR_AB:("voiture électrique") OR DE_AB:("Elektroauto") OR ES_AB:("coche eléctrico") OR PT_AB:("automóvel eléctrico") OR JA_AB:("電車") OR RU_AB:("электромобиль") OR ZH_AB:("电动汽车") OR KO_AB:("전기차")

ADVANCED SEARCH



ZH_AB:(["电动汽车"](#)) OR KO_AB:(["전기차"](#))

[Query Assistant](#) [Query Examples](#)

 [Expand with related terms](#)

ZH_AB:("电动汽车") OR KO_AB:("전기차")



58,409 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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1 / 585

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Machine translation ▼

English

French

German

Spanish

Russian

Korean

Japanese

Chinese

Arabic

Portuguese

Italian

WIPO Translate

Google Translate

1. **102046995** 전기차 충전 서비스 시스템

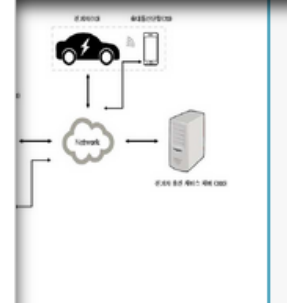
Int.Class [G06Q 50/30](#) Appl.No 1020180131819 Applicant 대영채비(주) Inventor 정민교

전기차에 설치되며, **전기차**의 ECU(Electroinc Control Unit) 및 전기차에 탑재된 전자 장비와 데이터 연동되는 **전기차** 정보 연동 에이전트; 상기 **전기차** 사용자가 소지한 휴대통신단말에 설치되는 정보 연동 에이전트와 근거리 무선통신을 통해 데이터 연동되는 사용자 정보 연동 에이전트; 상기 **전기차** 정보 연동 에이전트 및 상기 사용자 정보 연동 에이전트 중 적어도 하나와 무선통신을 통해 **전기차** 충전소 관리 단말 또는 **전기차** 충전 스테이션 장치와 유무선 통신망을 통해 상호 연결되는 **전기차** 충전 서비스 서버;를 포함하는 **전기차** 충전 서비스 시스템이 제공된다. 여기서, 상기 **전기차**는, 상기 **전기차** 정보 연동 에이전트로부터 획득된 배터리 정보 및 차량운행 직접정보, 상기 사용자 정보 연동 에이전트로부터 획득된 차량운행 간접정보, 상기 **전기차** 충전소 관리 단말 또는 스테이션 장치로부터 획득된 충전 상황 정보를 전달받아 상기 **전기차** 충전 서비스의 제공을 위한 서비스 편의 정보를 생성하고, 생성된 상기 서비스 편의 정보를 상기 **전기차** 정보 연동 에이전트 또는 사용자 정보 연동 에이전트, 상기 **전기차** 충전소 관리 단말, 상기 **전기차** 충전 스테이션 장치 중 적어도 하나로 전송한다.

2. **1020210059093** ELECTRIC VEHICLE CHARGING SERVICE SYSTEM

Int.Class [G06Q 50/30](#) Appl.No 1020190145548 Applicant DAEYOUNG CHAEVI CO., LTD. Inventor JUNG MIN KYO

The present invention relates to an electric vehicle charging service system comprising: an electric vehicle information interworking agent installed in an electric vehicle and interlocking d



KR - 25.05.2021



ZH_AB:("电动汽车") OR KO_AB:("전기차")

58,409 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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

1 / 585

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1. 102046995 ELECTRIC VEHICLE CHARGING SERVICE SYSTEM

Int.Class G06Q 50/30 Appl.No 1020180131819 Applicant 대영채비(주) Inventor 정민교

The electric vehicle information interworking agent is installed in the electric vehicle, and interworks with electronic equipment mounted on the electric vehicle and electronic equipment mounted on the electric vehicle; a user information interworking agent which is installed in the portable communication terminal carried by the electric vehicle user and linked with data through short-range wireless communication with the electric vehicle information interworking agent; and an electric vehicle charging service server which is connected to at least one of the electric vehicle information interworking agent and the user information interworking agent through wireless communication, and is connected to each other through a wired/wireless communication network with an electric vehicle charging station management terminal or an electric vehicle charging station device. The electric vehicle charging service server generates service convenience information for providing the electric vehicle charging service by receiving battery information and vehicle driving direct information obtained from the electric vehicle information interworking agent, vehicle driving indirect information obtained from the user information interworking agent, the electric vehicle charging station management terminal, or the electric vehicle charging station device, and transmits the generated service convenience information to at least one of the electric vehicle information interworking agent, the user information interworking agent, the electric vehicle charging station management terminal, and the electric vehicle charging station device.

2. 1020210059093 ELECTRIC VEHICLE CHARGING SERVICE SYSTEM

Int.Class G06Q 50/30 Appl.No 1020190145548 Applicant DAEYOUNG CHAEVI CO., LTD. Inventor JUNG MIN KYO

The present invention relates to an electric vehicle charging service system comprising: an electric vehicle information interworking agent installed in an electric vehicle and interlocking data with the electric vehicle's electronic control unit (ECU) and electronic equipment mounted on the electric vehicle; a user information interworking agent installed in a mobile communication terminal possessed by an electric vehicle user and interworking with the electric vehicle information interworking agent and data through short-distance wireless communication; and an electric vehicle charging service server interconnected through wireless communication with at least one of an electric vehicle information interworking agent and a user information interlocking agent, and connected to an electric vehicle charging station management terminal or an electric vehicle charging station device through a wired/wireless communication network. The system further comprises a charging settlement server that receives battery information and vehicle operation direct information obtained from an electric vehicle information interlocking agent, vehicle operation indirect information obtained from a user information interlocking agent, and charging status information obtained from an electric vehicle charging station management terminal or an electric vehicle charging station device to generate service convenience information for providing an electric vehicle charging service, transmits the generated service convenience information to at least one of an electric vehicle information interlocking agent, a user information interlocking agent, an electric vehicle charging station management terminal, and an electric vehicle charging station device, and performs charging charge settlement by using the electric vehicle identification information transmitted from the electric vehicle information interlocking agent and charging information transmitted from the electric vehicle charging station management terminal or electric vehicle charging station device. COPYRIGHT KIPO 2022

3. 1020210065615 ELECTRIC VEHICLE CHARGING CONNECTOR AND ELECTRIC VEHICLE CHARGING ASSEMBLY COMPRISING SAME

Int.Class B60L 53/302 Appl.No 1020190154579 Applicant LS EV KOREA LTD. Inventor CHOI UK YEOL

The present invention relates to an electric vehicle charging connector and an electric vehicle charging assembly. A cooling chamber through which a cooling fluid for cooling an electric vehicle charging cable

This text has been automatically translated using [WIPO Translate](#)© and is provided for convenience purposes only. Automated text translation may contain errors. WIPO bears no responsibility for the accuracy and quality of the translation provided.

xxen

[ko-NMT-en]전기차에 설치되며, 전기차의 ECU(Electronic Control Unit) 및 전기차에 탑재된 전자 장비와 데이터 연동되는 전기차 정보 연동 에이전트; 상기 전기차 사용자가 소지한 휴대통신단말에 설치되며, 상기 전기차 정보 연동 에이전트와 거리 무선통신을 통해 데이터 연동되는 사용자 정보 연동 에이전트; 상기 전기차 정보 연동 에이전트 및 상기 사용자 정보 연동 에이전트 중 적어도 하나와 무선통신을 통해 연결되며, 전기차 충전소 관리 단말 또는 전기차 충전 스테이션 장치와 유무선 통신망을 통해 상호 연결되는 전기차 충전 서비스 서버;를 포함하는 전기차 충전 서비스 시스템이 제공된다.



KR - 04.06.2021




27. Explain the differences between the Cross-Lingual Expansion (CLIR) and WIPO Pearl

Cross-Lingual Expansion (CLIR) = finds synonyms, translates and build query in PATENTSCOPE

WIPOPearl = terminology portal with direct access to PATENTSCOPE for a searched keyword

28. Describe the different steps to obtain the result list below:




54 results Offices all Languages all Stemming true Single Family Member true Include NPL true


Sort: Relevance ▼ Per page: 100 ▼ View: All+Image ▼ < 1/1 >

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1. [WO/2010/133529](#) WATER-ABSORBENT STORAGE LAYERS WO - 25.11.2010

Int.Class [A61L 15/22](#)  Appl.No PCT/EP2010/056688 Applicant [BASF](#) SE Inventor BAUDUIN, Christophe


The invention relates to improved water-absorbent storage layers for use in hygiene products, said water-absorbent storage layers being substantially devoid of cellulose fibres.




2. [WO/2010/018143](#) METHOD FOR PRODUCING SUPERABSORBERS WITH A LOW RESIDUAL MONOMER CONTENT WO - 18.02.2010

Int.Class [A61L 15/60](#)  Appl.No PCT/EP2009/060315 Applicant [BASF](#) SE Inventor ELLIOTT, Mark


To produce superabsorbers with a low residual monomer content, a urea salt and an inorganic acid are added to the monomer mixture before or during polymerization, or to the polymer after polymerization but before a heat treatment following the polymerization.



3. [WO/2010/130666](#) DEODORIZING COMPOSITIONS WO - 18.11.2010

Int.Class [A61L 15/38](#)  Appl.No PCT/EP2010/056313 Applicant [BASF](#) SE Inventor BRAIG, Volker

The invention relates to deodorizing compositions which contain water-absorbing polymer particles and at least one oxidase.



1. Perform a chemical search
2. In the result add the publication date 2010
3. Select Office China in the Analysis

CHEM:(IZXIZTKNFFYFOF-UHFFFAOYSA-N) AND PA:basf AND DP:2010

54 results Offices all Languages all Stemming true Single Family Member true Include NPL true

OFFICE=CN

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

- 1. [WO/2010/133529](#) WATER-ABSORBENT STORAGE LAYERS** WO - 25.11.2010
Int.Class [A61L 15/22](#) Appl.No PCT/EP2010/056688 Applicant [BASF SE](#) Inventor BAUDUIN, Christophe
The invention relates to improved water-absorbent storage layers for use in hygiene products, said water-absorbent storage layers being substantially devoid of cellulose fibres.
- 2. [WO/2010/018143](#) METHOD FOR PRODUCING SUPERABSORBERS WITH A LOW RESIDUAL MONOMER CONTENT** WO - 18.02.2010
Int.Class [A61L 15/38](#) Appl.No PCT/EP2009/060315 Applicant [BASF SE](#) Inventor ELLIOTT, Mark
To produce superabsorbers with a low residual monomer content, a urea salt and an inorganic acid are added to the monomer mixture before or during polymerization, or to the polymer after polymerization but before a heat treatment following the polymerization.
- 3. [WO/2010/130666](#) DEODORIZING COMPOSITIONS** WO - 18.11.2010
Int.Class [A61L 15/38](#) Appl.No PCT/EP2010/056313 Applicant [BASF SE](#) Inventor BRAIG, Volker
The invention relates to deodorizing compositions which contain water-absorbing polymer particles and at least one oxidase.

28. Search for PCT patents which application date is between 2008 and 2011, national phase office is CN



228,775 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

1/2,288

Download Machine translation

1. [WO/2011/147380](#) OPTICAL TRANSMITTER, PHOTONIC DETECTOR AND PASSIVE OPTICAL NETWORK SYSTEMInt.Class [H01L 27/00](#) Appl.No PCT/CN2011/075444 Applicant HUAWEI TECHNOLOGIES CO., LTD. Inventor ZHOU, Xiaoping

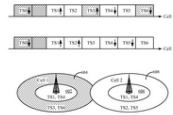
The present application provides an optical transmitter, which includes a tunable laser, a photonic detector and a regulator module which is coupled between the tunable laser and the photonic detector, wherein, a part of the output light of the tunable laser is provided to the photonic detector as detection light. The photonic detector includes: a semiconductor substrate, a photoelectric detection Positive Intrinsic-Negative (PIN) structure, which is located on the semiconductor substrate, an integrated Fabry-Perot (FP) cavity, which includes two reflect planes set on two opposite surfaces of the semiconductor substrate, wherein, the thickness of the semiconductor substrate is used as the cavity length of the integrated FP cavity, and the thickness of the semiconductor substrate makes the transmission peak of the integrated FP locate at a preset target wavelength. The present application further provides a photonic detector and a passive optical network system.

WO - 01.12.2011

2. [WO/2011/071554](#) SYSTEMS AND METHODS TO ALLOW FRACTIONAL FREQUENCY REUSE IN TD-SCDMA SYSTEMSInt.Class [H04W 16/30](#) Appl.No PCT/US2010/029525 Applicant QUALCOMM INCORPORATED Inventor CHIN, Tom

Certain aspects of the present disclosure provide for a method of allocating resources in a wireless communications network. The method generally includes allocating at least a first time slot of a subframe for use by a first set of user equipment devices (UEs) in an inner region of a first cell and allocating at least a second time slot of the same subframe for use by a second set of UEs in an outer region of the first cell. For some aspects, the method may also include allocating the at least the first time slot of the subframe for use by a third set of UEs in an inner region of a second cell and allocating at least a third time slot of the same subframe for use by a fourth set of UEs in an outer region of the second cell.

WO - 16.06.2011

3. [WO/2011/075889](#) METHOD AND APPARATUS FOR MAPPING DATA STREAMS TO RESOURCE BLOCK IN WIRELESS COMMUNICAInt.Class [H04L 27/26](#) Appl.No PCT/CN2009/075866 Applicant FUJITSU LIMITED Inventor LAN, Yuanrong

The invention provides a method and an apparatus for mapping data streams to the resource block. In which the method includes: mapping al



228,775 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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1/2,288

Download Machine translation

1. [WO/2011/147380](#) OPTICAL TRANSMITTER, PHOTONIC DETECTOR AND PASSIVE OPTICAL NETWORK SYSTEMInt.Class [H01L 27/00](#) Appl.No PCT/CN2011/075444 Applicant HUAWEI TECHNOLOGIES CO., LTD. Inventor ZHOU, Xiaoping

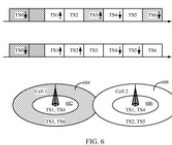
The present application provides an optical transmitter, which includes a tunable laser, a photonic detector and a regulator module which is coupled between the tunable laser and the photonic detector, wherein, a part of the output light of the tunable laser is provided to the photonic detector as detection light. The photonic detector includes: a semiconductor substrate, a photoelectric detection Positive Intrinsic-Negative (PIN) structure, which is located on the semiconductor substrate, an integrated Fabry-Perot (FP) cavity, which includes two reflect planes set on two opposite surfaces of the semiconductor substrate, wherein, the thickness of the semiconductor substrate is used as the cavity length of the integrated FP cavity, and the thickness of the semiconductor substrate makes the transmission peak of the integrated FP locate at a preset target wavelength. The present application further provides a photonic detector and a passive optical network system.

WO - 01.12.2011

2. [WO/2011/071554](#) SYSTEMS AND METHODS TO ALLOW FRACTIONAL FREQUENCY REUSE IN TD-SCDMA SYSTEMSInt.Class [H04W 16/30](#) Appl.No PCT/US2010/029525 Applicant QUALCOMM INCORPORATED Inventor CHIN, Tom

Certain aspects of the present disclosure provide for a method of allocating resources in a wireless communications network. The method generally includes allocating at least a first time slot of a subframe for use by a first set of user equipment devices (UEs) in an inner region of a first cell and allocating at least a second time slot of the same subframe for use by a second set of UEs in an outer region of the first cell. For some aspects, the method may also include allocating the at least the first time slot of the subframe for use by a third set of UEs in an inner region of a second cell and allocating at least a third time slot of the same subframe for use by a fourth set of UEs in an outer region of the second cell.

WO - 16.06.2011

3. [WO/2011/075889](#) METHOD AND APPARATUS FOR MAPPING DATA STREAMS TO RESOURCE BLOCK IN WIRELESS COMMUNICATION SYSTEMInt.Class [H04L 27/26](#) Appl.No PCT/CN2009/075866 Applicant FUJITSU LIMITED Inventor LAN, Yuanrong

The invention provides a method and an apparatus for mapping data streams to the resource block. In which the method includes: mapping almost all the system symbol streams in the data streams to the

WO - 30.06.2011



3/19

AD = Application date
 [... TO...] = date range
 CTR= country
 WO = PCT
 NPCC = national phase office code
 CN= China

30. Find the total number of applications filed by Hong Kong-based applicants, and then find out the percentage of applications that entered into the national phase

ARE:(HK) AND NPCC:[* TO *]



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



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

1/1

Download Machine translation

1. **WO/1990/003611** COMPUTER MEMORY BACKUP SYSTEM

WO - 05.04.1990

Int.Class [G08F 11/14](#) Appl.No PCT/GB1989/001117 Applicant RIDDOCH, Henry, Jamieson Inventor RIDDOCH, Henry, Jamieson

A computer memory backup device [25] for a computer [10], wherein the computer [10] includes a volatile random access memory [RAM] [13], a nonvolatile memory device [15], a central processing unit [11], and a main power source [20] for converting external power into one or more DC voltage levels needed by the computer. The device [25] comprises a backup DC power source [50], including batteries in one embodiment, and control logic [30] for detecting a drop in external power level below a predetermined minimum and for outputting a first signal in response to said detected drop. A switching means [40] acts responsive to the first signal to couple the backup DC power source [50] to the volatile RAM [13], nonvolatile memory device [15], and central processing unit [11]. Control logic [30] acts responsive to the first signal to direct the central processing unit [11] to store the contents of the computer's open data files and volatile RAM [13] in the nonvolatile memory device [15], and to output a second signal indicating that this storage function is complete. Switching means [40] acts responsive to the second signal to decouple said backup DC power source [50] from the central processing unit [11], the volatile RAM [13], and the nonvolatile storage device [15]. The device [25] re-establishes the state of the computer's volatile RAM [15] and open data files once the power level is restored after the detected drop. A discriminator circuit [55] may also be included for recognizing write-only code data to one of a plurality of peripheral devices [24]. The discriminator [55] stores the addresses of the write only data of the peripheral devices [24] and the data stored at each address for later recall when the power level is restored.



2. **WO/1995/028600** A LINKING ASSEMBLY FOR AN INSERT-LINKED LIGHT POLE

WO - 26.10.1995

Int.Class [F21V 21/10](#) Appl.No PCT/CN1994/000028 Applicant CHAN, Kam, Hoi Inventor CHAN, Kam, Hoi

A linking assembly for an insert-linked light pole consists of a plastic plug [2] and a socket [4] that is press-fitted into two tubes [1 and 3] respectively. A part of them, which is inserted in the tube, is a hollow cylinder having many slots, and a few longitudinal grooves [5 or 5'] for receiving the welding seam are formed on its outer surface to avoid rotation thereof. The plug [2] includes a small hollow cylinder having many slots for inserting into the opening of the socket. A radial hooped reinforcement [10] formed on the front end of the small cylinder together with the back surface of the opening in the socket constitute a push fitted construction. By means of a reinforced flange [12], a deformed resistance region is formed between the plug [2] and the opening in the socket [4]. After insert-linked, the tubes can be repulled away or cannot be. This assembly is suitably used in various types of sectional light poles which are made of a general tube with a welding seam, e.g., a light pole for a flood lamp. The advantage of this assembly is low first cost, easy to process, satisfactory function, quick assemble and secure linking.



3. **WO/1985/004377** FLEX WING APPARATUS

WO - 10.10.1985

ARE = applicant residence to be used with country code
HK = Hong Kong
NPCC = national phase office code
[* TO *] = to search all information

31. Search “mobile phone” in the English title and limit the results to US grants

CTR:US AND GN:[* TO *] AND EN_TI:("mobile phone")



1,675 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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< 1/17 >

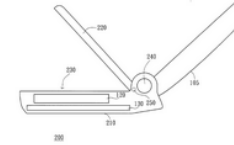
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1. [20030211868](#) [MOBILE PHONE](#)

Int.Class [H04M 1/00](#) Appl.No 10317100 Applicant Quanta Computer, Inc. Inventor Wu Kuo-Hsiang

A mobile phone including a covering lid, a body, a battery and a battery lid is provided according to the invention. Of which, the body is a mono-block casting with an opening section on the top, while the covering lid is coupled to the body via a first hinge such that the covering lid can be flipped to open from or flipped to close towards the body; the battery is installed inside the body and is loaded into or unloaded from the body via the opening section; the battery lid, which is installed on top of the opening section to hold the battery, is coupled to the body via a second hinge such the battery lid can also be flipped to open from or flipped to close towards the body. In practice, the battery lid can be a keypad module of the mobile phone, while the first and the second hinge can be situated at the same side either having respective axes or sharing the same axis. Moreover, the mobile phone can further include a circuit board which is installed between the battery and the body.

US - 13.11.2003

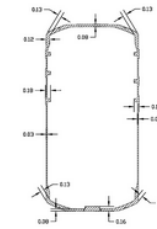


2. [20180191881](#) [MOBILE PHONE](#)

Int.Class [H04M 1/02](#) Appl.No 15861467 Applicant Toughbuilt Industries, Inc. Inventor Michael H. Panosian

A mobile phone body for enclosing one or more mobile phone components is disclosed. The mobile phone body may include a face, a back side, and two lateral sides. The face may include a screen. The screen may be a touch screen. The back side may be contoured.

US - 05.07.2018



3. [20090111540](#) [MOBILE PHONE](#)

Int.Class [H04B 1/38](#) Appl.No 12256976 Applicant NTT DoCoMo, Inc. Inventor Inoue Takahiro

US - 30.04.2009



EN_TI = English title
CTR: collection
US= United States
GN = grant number
[* TO *] = all the information available

32. EN_AB:(lithium) AND OF:CN AND AD:[01.01.2016 TO 01.01.2017]

What documents will this query retrieve?



12,307 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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1 / 124 >

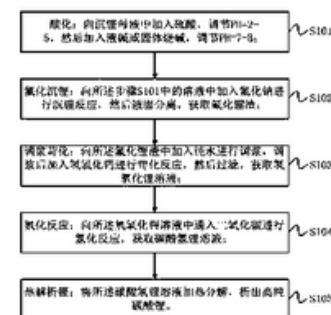
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1. 106315629 TECHNOLOGY FOR PREPARING HIGH-PURITY LITHIUM CARBONATE THROUGH RECOVERING OF BATTERY-GRADE LITHIUM CARBONATE LITHIUM PRECIPITATION MOTHER LIQUOR

CN - 11.01.2017

Int.Class C01D 15/08 ? Appl.No 201610759250.2 Applicant 山东瑞福锂业有限公司 Inventor 王占前

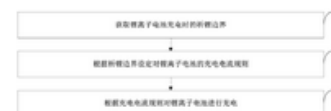
The invention provides a technology for preparing high-purity lithium carbonate through recovering of battery-grade lithium carbonate lithium precipitation mother liquor. The technology comprises acidification, fluorination lithium precipitation, slurry blending and caustification, a hydrogenation reaction, lithium precipitation through pyrolysis and other technological steps, wherein in the fluorination lithium precipitation step, sodium fluoride is added to acidified lithium precipitation mother liquor for a lithium precipitation reaction, lithium fluoride residues are obtained, correspondingly, in the slurry blending and caustification step, water and calcium hydroxide are added to the lithium fluoride residues, a lithium hydroxide solution is obtained and subjected to a hydrogenation reaction and lithium precipitation through pyrolysis, and high-purity lithium carbonate is obtained. In the technology for preparing high-purity lithium carbonate through recovering of the battery-grade lithium carbonate lithium precipitation mother liquor, high-purity lithium carbonate is prepared directly from lithium hydroxide, the lithium precipitation mother liquor is not required to be returned to an original system, industrial-grade lithium carbonate is prepared firstly, then high-purity lithium carbonate is prepared after lithium hydroxide is obtained through caustification of industrial-grade lithium carbonate, and the technology is simple, low in cost, considerable in economic benefit and suitable for industrial application.

**2. 106099230 LITHIUM-ION BATTERY RAPID CHARGING METHOD CAPABLE OF PREVENTING LITHIUM SEPARATION**

CN - 09.11.2016

Int.Class H01M 10/44 ? Appl.No 201610650109.9 Applicant TSINGHUA UNIVERSITY Inventor ZHANG JIANBEI

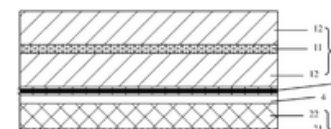
The invention discloses a lithium-ion battery rapid charging method capable of preventing lithium separation. The lithium-ion battery rapid charging method comprises the following steps: obtaining a lithium separation boundary when a lithium-ion battery is charged; according to the lithium separation boundary, setting a charging current rule of the lithium-ion battery; in the charging current rule, controlling charging current so that lithium separation of the lithium-ion battery does not occur; and charging the lithium-ion battery according to the charging current rule. The lithium-ion battery rapid charging method capable of preventing the lithium separation has the advantages that the charging current rule of the lithium-ion battery is set according to the lithium separation boundary when the lithium-ion battery is charged, safe and rapid charging is realized and the cycle life of the battery is not influenced.

**3. 106159201 LITHIUM COMPOSITE PIECE FOR LITHIUM ION BATTERY, PREPARATION METHOD THEREOF AND LITHIUM ION BATTERY**

CN - 23.11.2016

Int.Class H01M 4/134 ? Appl.No 102016000612920 Applicant SHENZHEN BOLEIDA NEW ENERGY TECHNOLOGY CO., LTD. Inventor WANG YAN

The invention relates to a lithium composite piece for a lithium ion battery, a preparation method thereof and the lithium ion battery, and belongs to the technical field of lithium ion batteries. The lithium composite piece for the lithium ion battery comprises a lithium piece, and the surface of the lithium piece is coated with a lithium metaaluminate material layer which comprises lithium metaaluminate. By applying the lithium composite piece for the lithium ion battery in the lithium ion battery, irreversible lithium consumed in the first charging process by a negative electrode piece can be supplemented, the structure of the



33. How to search the number of PCT applications from Romania in 2018

AN:RO2018*



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



COUNTRY=WO

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

< 1/1 >

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1. [WO/2019/074386](#) PHOTOCATALYTIC METHOD FOR DISINFECTION OF INTERIOR SURFACES

WO - 18.04.2019

Int.Class [A61L 2/08](#) [?](#) Appl.No PCT/RO2018/000018 Applicant BUCUREȘTEANU, Răzvan Cătălin Inventor BUCUREȘTEANU, Răzvan Cătălin

The present invention refers to a photocatalytic method for disinfection of interior surfaces and composition of washable biocide paint with photocatalytic properties. The composition is based on acrylic- styrene resins in which was dispersed as photosensitive biocide agent, particles of photosensitized metal oxide semiconductor of type anatase TiO₂ or ZnO, oxides that are doped with transition metals like Ag, Au, Cu, Ni, Fe, Cr, Co or Mn, and the biocide properties are activated through a photocatalytic activation Method by irradiating the composition with photons in the visible light spectrum, with wavelengths between 450 nm and 500 nm, which are characteristic for the activation of the dopant from the photosensitized semiconductor of type anatase TiO₂ or ZnO, determining the apparition of reactive oxygen singlet species ROS [type O₂ I Ag or O₂ Eg], species which have biocide and disinfecting action.



2. [WO/2020/106170](#) EYEGLASSES FOR LOUPES

WO - 28.05.2020

Int.Class [G02B 25/00](#) [?](#) Appl.No PCT/RO2018/000020 Applicant POP, Adrian-Calin Inventor POP, Adrian-Calin

Eyeglasses for loupes [optical cylinders] comprising a frame of the eyeglasses and optionally lenses, the frame of the eyeglasses comprising two lenses rims, a nasal bridge and two temples of the eyeglasses wherein, to each rim of the lens there is rigidly or movably connected a carrier configured to detachably receive a loupe, for example provided with a female screw thread wherein a male screw thread of the loupe can be threaded.

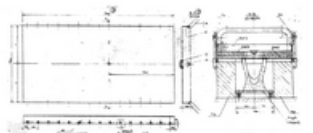


3. [WO/2018/217117](#) MULTI-FUNCTIONAL HOSPITAL BED

WO - 29.11.2018

Int.Class [A61G 7/00](#) [?](#) Appl.No PCT/RO2018/000001 Applicant IVANOFF, Nicolov Ioan Inventor IVANOFF, Nicolov Ioan

The object I am about to present is meant for patients that need bed rest for a short or long period of time, for example: neurological cases with different types of paralysis, patients after surgery for pelvic fractures, broken legs or spinal damage, badly injured patients from the Anesthesia and Intensive Care Unit, patients after general anesthesia, rachianaesthesia for different types of surgery that come with a need for bed rest. This type of multifunctional hospital bed "Doctor Ivanoff" model seems to be unique. The description of the object: the object we are presenting is made of two parts: part B, which is a multifunctional hospital bed "Doctor Ivanoff" model, and part C, which is comprised of interconnected elements: the toilet [20], the grinding and pumping machine "Sanipompa" model [26], the bedpan [9] with the distal end of the flexible



34. How to search all grants by Apple?

PA:Apple AND GN:[* TO *]



30,685 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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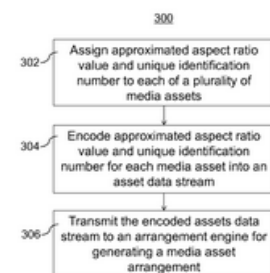
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1. [20160266736](#) SYSTEM AND METHOD FOR IMPROVED DISPLAY OF MEDIA ASSETS IN A LAYOUT

US - 15.09.2016

Int.Class [G06F 3/0482](#) Appl.No 14656048 Applicant [Apple Inc.](#) Inventor Brian E. Kirsch

Asset data streams are provided that facilitate the display of large numbers of media assets. Encoded asset data streams provide approximated aspect ratio information for media assets to be used in determining a position for each media asset in a dataset, thus being able to position all of the media assets in a media asset arrangement prior to being scrolled into view by the user. By communicating aspect ratio approximations as part of an encoded asset data stream of data to a web application, a user is able to scroll to any part of a dataset [e.g., a photo library] when presented in the web application without having to wait on the receipt of information for all media assets. Encoded asset data streams may further include asset identification offsets that indicate a sequential ordering of the individual assets in a dataset.

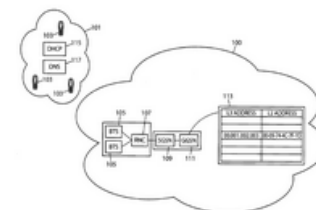


2. [20130128799](#) ADDRESS SPOOFING PREVENTION

US - 23.05.2013

Int.Class [H04J 3/24](#) Appl.No 13736706 Applicant [Apple, Inc.](#) Inventor Pierre Lescuyer

The present invention relates to a method for securing a radio communication link establishment in a radio communication network comprising a local network and a secured network. The local network comprises at least a first terminal and a second terminal and at least the first terminal is capable of communicating with the secured network. The radio communication network implements layered protocol functions, comprising at least Layers 1, 2 and 3, the terminals being identifiable by their Layer 2 and 3 addresses. The secured network comprises a database comprising address correspondence information between Layer 2 and 3 addresses of terminals. In the method the first terminal authenticates itself with the secured network and then by using the Layer 3 address of the second terminal, obtaining the address correspondence information provided by the database and thereby determining the corresponding Layer 2 address of the second terminal. Then the first terminal establishes in the local network the radio communication link with the second terminal by using the Layer 2 address.



3. [20140011399](#) GROUNDING CLAMP

US - 09.01.2014

Int.Class [H01R 24/50](#) Appl.No 13632126 Applicant [Apple, Inc.](#) Inventor Shavan Malek

35. Build a query containing:

- a. the applicant Canyon or Dupont or Volkswagen
- b. Bicycle transport container in the English abstract or English description or English claims

ADVANCED SEARCH ▼













PA: (canyon OR dupont OR volkswagen) AND (EN_AB:(bicycle AND transport NEAR 10 container) OR EN_DE:(bicycle AND transport NEAR 10 container) OR EN_CL:(bicycle AND transport NEAR 10 container))

Query Assistant [Query Examples](#)

+ Expand with related terms

Offices All	▼
Languages All	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

36. Build following queries in the English all text and with a publication date in 2019:

- a.  +  +  OR  +  + 
- b.  OR  OR  OR  +  + 

Icons by Andi from the [Noun Project](#)

DP:2019 AND EN_ALLTXT:((plane AND train AND boat) OR (car AND bicycle AND helicopter))



2,616 results Offices all Languages en Stemming true Single Family Member false Include NPL false



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Machine translation ▼

1. [20190154439](#) METHOD AND APPARATUS FOR COOPERATIVE USAGE OF MULTIPLE DISTANCE METERS

US - 23.05.2019

Int.Class [G01B 11/26](#) Appl.No 16081901 Applicant May Patents Ltd. Inventor Yehuda Binder

A method and apparatus for an angle meter cooperatively using two or more non-contact distance meters for measuring distances to a surface along substantially parallel lines. The measured distances are used for estimating or calculating the angle to the surface and the distance to the surface. The distance meters may use optical means, where a visible or non-visible light or laser beam is emitted and received, acoustical means, where an audible or ultrasound sound is emitted and received, or an electromagnetic scheme, where radar beam is transmitted and received. The distances may be estimated using a Time-of-Flight (TOF), homodyne or heterodyne phase detection schemes. The distance meters may share the same correlator, signal conditioning circuits, or the same sensor. Two or more angle meters may be used defining parallel or perpendicular measurement **planes**, for measuring angles between surfaces, and for estimating physical dimensions such as length, area or volume.

2. [WO/2019/018832](#) TIP-PATH AIRFOIL THRUST PRODUCTION IN ROTARY-WING AIRCRAFT

WO - 24.01.2019

Int.Class [B64C 27/00](#) Appl.No PCT/US2018/043196 Applicant ZORNES, David, Allen Inventor ZORNES, David, Allen

The rotational velocity of the rotary-wing blade 1 is lowest closer to the hub 5 and increases outward towards the tip-path 15 of the rotor blade 1 during rotation. Moving thrust to the tip-path 1 of a rotary-wing 2, 3, and 4, provides an aircraft that is more efficient than prior art of central axis driven systems: engines, electric motors, jets, or turbines that forced rotation 11 through a central axis mast 5, and 6, which transferred torque 11 through a hub 5 connected to the body of the aircraft to the center axis 16 of the rotary-wing 1 rotating in the **plane** of rotational direction. In milliseconds, piezoelectric wafers mounted onto propeller airfoil blades 2, 3, and 4 morph from a symmetrical airfoil into a nonsymmetrical airfoil [chambered or any shape], to increase air density for more lift during high speed propeller rotation.

3. [3487341](#) HYDRATION SYSTEM AND COMPONENTS THEREOF

EP - 29.05.2019

Int.Class [A42B 1/24](#) Appl.No 17831673 Applicant RAINMAKER SOLUTIONS INC Inventor JAEGER EDUARD ALBERT

A hydration system including a fluid reservoir, a fluid path in communication with the reservoir, and a magnetic quick connect interposed in the fluid path is disclosed. A fluid delivery system for a hydration system is also disclosed that includes a magnetic quick connect interposed in a fluid delivery path of the delivery system. The magnetic quick connect can also be used in a wide variety of fluid delivery systems. A kit for forming a fluid delivery system for a hydration system is also disclosed, as are various components of a hydration system.

DP:2019 AND EN_ALLTXT:((plane OR train OR boat OR helicopter) AND (car AND bicycle))



3,720 results Offices all Languages en Stemming true Single Family Member false Include NPL false



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WO - 24.01.2019

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Online registration

Complex searches in PATENTSCOPE

September 15, 2022 (English) 08:30 - 09:30 Geneva time

Online registration

The result list in PATENTSCOPE

October 25, 2022 (English) 17:30 - 18:30 Geneva time

Online registration

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- Course : 09-Sep-2022 - 31-Oct-2022
- Next Exam : 27-Oct-2022 - 31-Oct-2022
- Fees: https://www.wipo.int/academy/en/courses/distance_learning/fees.html





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