

Field Combination - pros

- Predefined fields
- Immediate results on the same page

Field combination - cons

FIELD COMBINATION ▾

		Field Front Page	Value
Operator AND	▾	Field WIPO Publication Number	Value
Operator AND	▾	Field Application Number	Value
Operator AND	▾	Field Publication Date	Value
Operator AND	▾	Field Abstract	Value
Operator AND	▾	Field Abstract	Is Empty: N/A
Operator AND	▾	Field Licensing availability	<input type="checkbox"/>

Interface: Advanced search

ADVANCED SEARCH ▾

Search terms...

Query Assistant Query Examples

Expand with related terms

Office
All



Query Language
All



Stem

Reset

Search

EN_ALL:aspirin AND PA:novartis AND DP:[2016 TO 2019]

Query Assistant [Query Examples](#)

- EN_ALLTXT; PA; DP = fields
- AND = operator

Fields: where to search

Source: <http://spicewallpaper.blogspot.ch/2012/08/green-fields-with-blue-sky.html>



ADVANCED SEARCH v

Search terms...



+ Expand with related terms

Office
All

Query Language
All

Stem

- CONTACT US
- FAQs
- MORE v
- USER GUIDE PATENTSCOPE
- USER GUIDE CHEMICAL SEARCH
- QUERY SYNTAX
- FIELDS DEFINITION**
- COUNTRY CODE
- FORUM
- PATENTSCOPE HELP
- BACK TO THE OLD LOOK

Reset Search

Symbol ⇅	Name ⇅	Help	Type ⇅	Stemmed ⇅	Parent
ALLTXT	Text	The entered value is searched against the english Title, Abstract, Claims and Description Fields; the stemming option is off. <input checked="" type="checkbox"/> ALLTXT:("electric car" OR "voiture electrique"~50)	text		[ALL]
EN_ALLTXT	English Text	The entered value is searched against the english Title, Abstract, Claims and Description Fields; the stemming option is on. <input checked="" type="checkbox"/> EN_ALLTXT:("electric car"~50) <input checked="" type="checkbox"/> EN_ALLTXT:("sol* panel"~5) <input checked="" type="checkbox"/> EN_ALLTXT:(elect?icit?) <input checked="" type="checkbox"/> EN_ALLTXT:(electric^10 and car^3)	text	X	[EN_ALL]
FR_ALLTXT	French Text	<input checked="" type="checkbox"/> FR_ALLTXT:("voiture électrique"~50)	text	X	[FR_ALL]
DE_ALLTXT	German Text	<input checked="" type="checkbox"/> DE_ALLTXT:("elektro auto")	text	X	[DE_ALL]
ES_ALLTXT	Spanish Text	<input checked="" type="checkbox"/> ES_ALLTXT:("coche eléctrico")	text	X	[ES_ALL]
VN_ALLTXT	Vietnamese Text	<input checked="" type="checkbox"/> VN_ALLTXT:("xe hơi điện"~10)	text	X	[VN_ALL]
RU_ALLTXT	Russian Text	<input checked="" type="checkbox"/> RU_ALLTXT:("электрический автомобиль")	text	X	[RU_ALL]
JA_ALLTXT	Japanese Text	フルテキスト：「発明の名称」、「要約」、「請求の範	text	X	[JA_ALL]

Examples

- FP = front page
- ALL = all fields
- ALL_NAMES = all names
- IC = IPC
- DP = publication date
- CTR = country either WO or country from nat collection
- NPCC= national phase entry
- AN = origin of PCT

Date search

- Simple:
 - DP:01.02.2000
 - DP:20000201
 - DP:02.2000
 - DP:200002
 - DP:2000

Example: IPC

- IC = International Classification
 - IC :A
 - IC :A47
 - IC :A47L
 - IC :A47L1
 - IC:A47L11
 - IC:A47L11/03

- **D06F 1/06** will include by default
 - D06F 1/08**
 - 1/10**
 - 1/16**

To exclude subgroup: IC_EX

- ICI = International Classification Inventive
- ICN = International Classification Non-inventive
- ICI_EX ICN_EX = no subgroup

Example: grant

1. US20080274523 - PRODUCTION OF ISOPRENOIDS

National Biblio. Data

Description

Claims

Drawings

Compounds

Documents

Office

United States of America

Title

[EN] Production of isoprenoids

Application Number

11754235

Application Date

25.05.2007

Publication Number

20080274523

Publication Date

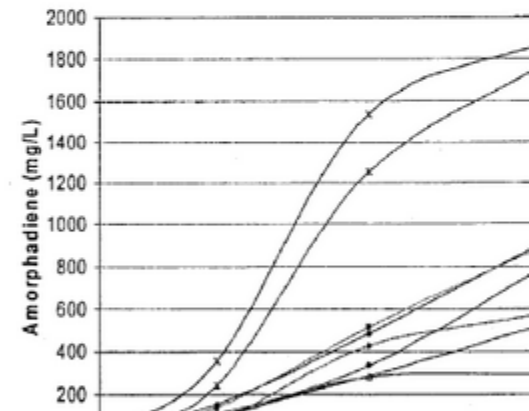
06.11.2008

Grant Number

7659097

Grant Date

Avg. Amorphadiene Produced By Various S
Production Flasks Vs. Elapsed Time



Fields rules

- Basic fields: elements of a patent document
- Derived fields

- 2 letter code = individual field

EN_TI FR_AB ES_DE_S

Convention: language specified by 2 letters
 if not specified all languages

S = stemmed

- : to separate term without any space

Fields: golden rules

- EN_ALL = default field → field indicator not required
- Field name followed by : ":" or "/"
- The field is only valid for the term that it directly precedes, so the query:

```
EN_TI:("wind turbine" AND electric) solar
```

- **"wind turbine" AND electric** in the title field
"solar" in the default field (EN_ALL).



Grouping/nesting

- Solar OR (wind AND turbine)
- (solar OR wind) AND turbine

- EN_TI: electric car
electric will be searched in English title but car in all fields

- EN_TI: (electric car)
Both electric and car will be searched in the English title

Range search

- Range:

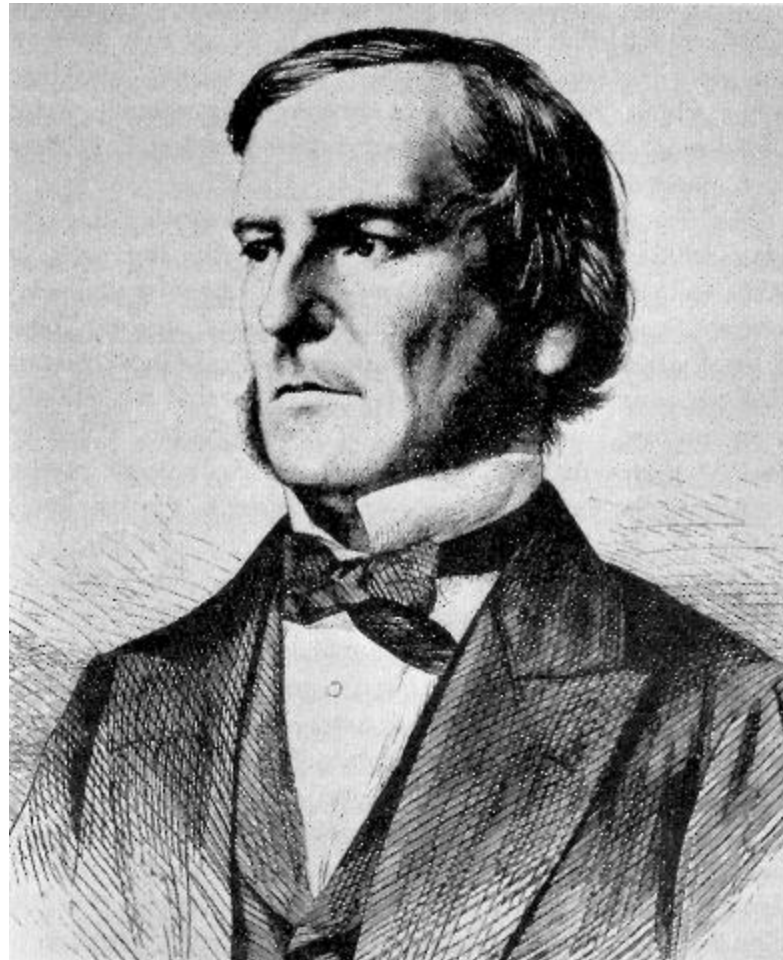
- DP:[01.01.2000 TO 01.01.2001]

- Can also be used to search non-date fields

- IN: {Smith to Terence}

Boolean operators

- AND
- OR
- NOT
- ANDNOT



ANDNOT - NOT

- Use ANDNOT when searching A excluding B
Ex: bicycle ANDNOT boat
- Use NOT when searching all documents except A
Ex:NOT(car AND bicycle AND boat)

Proximity operator NEAR

- Finds words that are next to each other
- NEAR3 → 3 = the max nb of word gaps between 2 search terms

Proximity search: BEFORE

- the order of terms is significant.

trunk BEFORE cutting

An example





EN_Ab:(trunk AND cutting) AND EN_Tl:(trunk AND cutting)

Query Assistant Query Exam

8. **2014055899** METHOD FOR CUTTING HEAT EXCHANGER TRUNK

JP - 27.03.2014

Int.Class G21C 19/02 (?) Appl.No 2012201833 Applicant 三菱重工業株式会社 Inventor 山本 剛

PROBLEM TO BE SOLVED: To prevent dross produced by gas cutting from dropping onto the cutting torch.

SOLUTION: A method for cutting a heat exchanger trunk includes performing gas cutting while a cylindrical trunk 2 of a heat exchanger is horizontally placed. At least on a lower area α of the trunk 2, gas G is injected in a direction crossing the cylindrical diameter direction P of the trunk 2 to the lateral surface 21 of the trunk 2. The gas G is moved along the lateral surface 21 of the trunk 2.

COPYRIGHT: [C]2014.JP0&INPIT

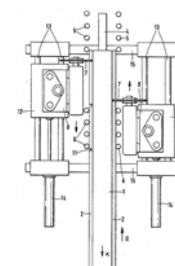


9. **4408510** APPARATUS FOR CUTTING BOARDS FROM TREE TRUNKS

US - 11.10.1983

Int.Class B23D 45/00 (?) Appl.No 06242475 Applicant Gebruder Linck Maschinenfabrik Und Eisengiesserei "Gatterlinck" Inventor Reuter Alfred

A method and an apparatus for cutting boards from tree trunks in which transverse cuts are made in a tree trunk which extend into the trunk a predetermined depth and thereafter longitudinal cuts are made into said trunk, which cuts pass through a plane passing through the inner ends of the transversal cuts, whereby the boards are separated from the trunk. The apparatus for cutting boards from tree trunks comprises guide rollers for advancing a trunk in a longitudinal direction, saw units adapted to move in a vertical and in a longitudinal directions to produce the transverse cuts and saw blades movable in the longitudinal direction to produce the longitudinal cuts after the transversal cuts have been made.

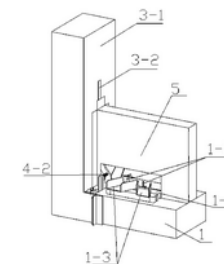


10. **104801756** TRUNKING QUICKLY CUTTING DEVICE

CN - 29.07.2015

Int.Class B23D 17/00 (?) Appl.No 201510228628.1 Applicant 石家庄国祥运输设备有限公司 Inventor 韦利津

The invention discloses a trunking quickly cutting device and belongs to the field of an electrician operation tool. The structure of the device comprises a pedestal, a cutting edge table and a cutter assembly, wherein the cutting edge table is arranged on the pedestal; the cutter assembly is hinged to the pedestal and has vertical rotation freedom degree; a driving mechanism is fitted in the cutter assembly; a cutter and the cutting edge table form cutting match. The device is characterized in that the structure also comprises a positioning mechanism and a cutter pressing mechanism, wherein the positioning mechanism is arranged on the pedestal and can be arranged along the axial direction of a trunking; the cutter pressing mechanism is arranged on the pedestal and is matched with the cutter assembly. The positioning mechanism arranged on the pedestal and arranged along the axial direction of the trunking, the cutter pressing mechanism, and an adjustable auxiliary cutting edge device are matched with one another, so that an angle cut of the trunking is flat and attractive; manual driving is substituted by the driving of an air cylinder, so that the labor intensity of workers is reduced, and the working efficiency is improved.





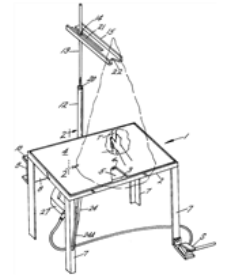
EN_Ab:(trunk BEFORE cutting) AND EN_Tl:(trunk BEFORE cutting)

11. **5953975** MACHINE FOR POSITIONING AND CUTTING TREE TRUNKS

Int.Class B27B 5/18 Appl.No 08795797 Applicant KREITZBERG; BRIAN A. Inventor Kreitzberg Brian A.

A table structure of the machine includes a table top defining an open area through which the trunk of a small tree may extend to enable lateral abutment of the lower trunk against an edge of the table top. A second or elevated abutment is carried on a post for engagement with an upper end segment of the tree trunk to position the trunk in an upright manner for subsequent cutting off of the trunk base. A circular power saw is swingably mounted on the table structure and swings about an axis during a trunk cutting operation. A saw carrier is spring biased so as to disengage the saw from the trunk being cut. A blade guard of the saw is automatically retracted by a tether to expose the saw blade during a cutting operation and oppositely to conceal the blade when retracted away from the tree trunk.

US - 21.09.1999

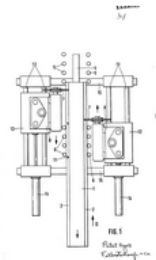


12. **1155038** METHOD AND APPARATUS FOR CUTTING BOARDS FROM TREE TRUNKS

Int.Class B27B 1/00 Appl.No 371557 Applicant Inventor REUTER, ALFRED

ABSTRACT OF THE DISCLOSURE A method and an apparatus for cutting boards from tree trunks in which transverse cuts are made in a tree trunk which extend into the trunk a predetermined depth and thereafter longitudinal cuts are made into said trunk, which cuts pass through a plane passing through the inner ends of the transversal cuts, whereby the boards are separated from the trunk. The apparatus for cutting boards from tree trunks comprises guide rollers for advancing a trunk in a longitudinal direction, saw units adapted to move in a vertical and in a longitudinal direction to produce the transverse cuts and saw blades movable in the longitudinal direction to produce the longitudinal cuts after the transversal cuts have been made. -1-

CA - 11.10.1983

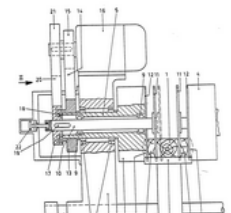


13. **0211838** TREE-TRUNK SAWING AND CUTTING INSTALLATION

Int.Class B23Q 1/70 Appl.No 85902034 Applicant GEBRUDER LINCK, MASCHINENFABRIK "GATTERLINCK" GMBH & CO.KG
Inventor GEBRUDER LINCK, MASCHINENFABRIK "GATTERLINCK" GMBH & CO.KG

A sawing and cutting installation for tree trunks (1) has a cutting-head (4) linked with a hollow shaft (5), which cuts off small pieces from the side parts (1a) of the trunk (1). Fitted inside the hollow shaft (5) is a rotary sawing shaft (10) which can be moved axially, and carries a circular saw-blade (11) located co-axially with the cutting-head (4) and at a distance from the latter. The sawing shaft (10) can be driven at a rotation speed higher than that of the hollow shaft (5). The circular saw blade (11) serves for sawing a side section (1b) of selected thickness from the tree-trunk.

EP - 04.03.1987



Keywords

- Stemming
- Wildcard
- Truncation
- Fuzzy

Stemming

ADVANCED SEARCH ▾

| Search terms...

Query Assistant Query Examples

Expand with related terms

Office
All

Query Language
All

Stem

Reset

Search


Stemming

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

critical
critically
criticism
criticisms
critics

each word is reduced to 'critic'

Stemming

- no dictionary includes the necessary technical terms to express patent concepts
 - Porter Stemming Algorithm finds words that contain common roots
 - Save time and effort
- 

Search without stemming

EN_AB:(metal support)

122,774 results Offices All Languages En Stemming False

Analysis Sort: Relevance Per page: 10

Page 1 / 12,278

Machine translation View: All

1. [WO/2016/180328](#) DISTRIBUTED MATCHING ANTENNA DEVICE

WO - 17.11.2016

Int.Class [H01Q 1/24](#) Appl.No PCT/CN2016/081624 Applicant VIVO MOBILE COMMUNICATION CO., LTD. Inventor CHEN, Yuwen

Provided is a distributed matching antenna device, comprising: a mainboard, a feed source, a first [metal support](#) arm, a second [metal support](#) arm, an antenna coupling sheet and a first tuning device. The first [metal support](#) arm and the second [metal support](#) arm are arranged on the same straight line. A set gap is provided between an end of the first [metal support](#) arm and an end of the second [support](#) arm. The length of the first [metal support](#) arm is greater than the length of the second [metal support](#) arm. The antenna coupling sheet is disposed between the feed source and the first [metal support](#) arm. One side of the antenna coupling sheet is connected to the feed source, and the other side of the antenna coupling sheet is coupled with the first [metal support](#) arm. The first tuning device is disposed between the antenna coupling sheet and the first [metal support](#) arm, and is connected to the antenna coupling sheet and the first [metal support](#) arm respectively.

2. [WO/2013/019013](#) METAL STRUCTURE CATALYST AND PREPARATION METHOD THEREOF

WO - 07.02.2013

Int.Class [B01J 23/755](#) Appl.No PCT/KR2012/005904 Applicant KOREA INSTITUTE OF ENERGY RESEARCH Inventor KOO, Kee Young

The present invention relates to: a [metal structure catalyst](#) and a preparation method thereof, and more specifically to a method for preparing a [metal structure catalyst](#), which comprises a step of forming [metal precipitates](#) on a [metal support](#) by contacting the [metal support](#) with a mixed solution comprising a precipitator and a precursor of a metal catalyst, and a step of forming [metal particles](#) by performing heat-treatment and reduction of the [metal precipitates](#) formed on the [metal support](#); and a [metal structure catalyst](#) which comprises a [metal support](#), a [metal oxide layer](#) formed on the [metal support](#), and [metal particles](#) formed on the [metal oxide layer](#), wherein the [metal particles](#) are uniformly distributed and bondability is improved.

3. [WO/2006/137358](#) HOMOGENEOUS, HIGHLY DISPERSED METAL CATALYST AND PROCESS FOR PRODUCING THE SAME

WO - 28.12.2006

Int.Class [B01J 27/045](#) Appl.No PCT/JP2006/312237 Applicant CHIYODA CORPORATION Inventor OKADA, Yoshimi

A homogeneous, highly dispersed [metal catalyst](#) which comprises a catalyst [support](#) and a catalyst [metal](#) deposited thereon in an almost evenly dispersed state throughout the [support](#). It has excellent performances with respect to catalytic activity, selectivity, life, etc. The homogeneous, highly dispersed [metal catalyst](#) is a [metal catalyst](#) comprising a catalyst [support](#) comprising a [metal oxide](#) and, deposited on the [support](#), a catalyst [metal](#) having catalytic activity, wherein the catalyst [support](#) is a sulfurized catalyst [support](#) having sulfur or a sulfur compound almost evenly distributed throughout the [support](#) and the catalyst [metal](#) is deposited on this sulfurized catalyst [support](#) in an almost evenly dispersed state throughout the [support](#), most according to the distribution of the sulfur or sulfur compound.

4. [WO/2019/024397](#) MOBILE TERMINAL HAVING METAL SUPPORT

WO - 07.02.2019

Int.Class [H04M 1/04](#) Appl.No PCT/CN2017/117582 Applicant SHENZHEN ZHANGYUE TECHNOLOGY CO., LTD. Inventor CHENG, Chang

Same search with stemming

EN_AB:(metal support)



257,706 results

Offices All Languages En Stemming True



Analysis Sort: Relevance Per page: 10

Page 1 / 25,771

Machine translation View: All

1. WO/2000/006298 METAL COMPLEXES SUITABLE FOR ATTACHMENT TO A SUPPORT AND SUPPORTED METAL COMPLEXES

WO - 10.02.2000

Int.Class B01J 31/16 Appl.No PCT/GB1999/002427 Applicant THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS Inventor GANI, David

A functionalised support for use in the preparation of a supported metallic complex which comprises a polymer backbone bearing at least a functionalised site able to react with and bind at least one metallic atom or a metallic complex. A supported metallic complex obtained using the functionalised support; a metallic complex comprising at least one metallic atom and a ligand suitable to be attached to a polymer support; and a supported metallic complex obtained by attaching the metallic complex on a polymer support and their uses as catalysts.

2. WO/2019/193432 METAL COATED HOLLOW ZEOLITES, METHODS OF MAKING, AND USES THEREOF

WO - 10.10.2019

Int.Class B01J 37/06 Appl.No PCT/IB2019/051338 Applicant SABIC GLOBAL TECHNOLOGIES B.V. Inventor RAVON, Ugo

Supported catalysts are described. A supported catalyst can include a hollow zeolite support and a catalytic metal or metal oxide coating. The metal or metal oxide coating can be on at least a portion of the interior surface of the hollow zeolite support. Notably, the metal or metal oxide coating is not present on the exterior surface of the hollow zeolite support. Methods of making and using the supported catalytic metal coated hollow zeolite catalysts are also described.

3. WO/2006/016633 EXHAUST GAS PURIFYING CATALYST AND PRODUCTION PROCESS THEREOF

WO - 16.02.2006

Int.Class B01J 23/40 Appl.No PCT/JP2005/014707 Applicant TOYOTA JIDOSHA KABUSHIKI KAISHA Inventor IBE, Masaya

The present invention relates to an exhaust gas purifying catalyst comprising first and second metal oxide supports and a noble metal supported thereon, wherein the first and second metal oxide supports both have a primary particle diameter of less than 100 nm, primary particles of the first and second metal oxide supports are mixed with each other, and the amount of the noble metal supported per unit surface area of the first metal oxide support is larger than the amount of the noble metal supported per unit surface area of the second metal oxide support. Further, the present invention relates to a production process of the exhaust gas purifying catalyst.

4. WO/2013/077165 SUPPORT FOR SUPPORTING METALS, METAL-SUPPORTED CATALYST, METHANATION REACTION APPARATUS, AND METHOD RELATING TO THESE

WO - 30.05.2013

Int.Class B01J 37/08 Appl.No PCT/JP2011/078355 Applicant NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY Inventor OZAKI, Jun-ichi

Provided are a support for supporting metals, a metal-supported catalyst, a methanation reaction apparatus, and a method relating to these, which are capable of achieving the efficient methanation of carbon monoxide. The support for supporting metals according to the present invention comprises a carbonized material obtained by carbonizing a starting material including an organic substance and a metal, and supports metals exhibiting catalytic activity with respect to the methanation of carbon monoxide. The metal-supported catalyst according to the present invention has: a support comprising a carbonized material obtained by carbonizing

Wildcards/truncation : ? *

- * stands for 0 or more characters
- ? stands single character

te?t = test or text

electric* = electrical; electricity

behavi*r = behaviour or behavior

micro?p* = microspeaker, microsporidial

EN_AB:(mico?p*) OR EN_TI:(mico?p*)



67 results Offices All Languages En Stemming False



Analysis Sort: **Relevance** ▼ Per page: **10** ▼

Machine translation ▼ View: **All** ▼

1. **WO/2011/147185** IMMUNOSUPPRESSANT J2 - SODIUM ALGINATE MICROSPHERE, PREPARATION METHOD AND USE THEREOF

W0 - 01.12.2011

Int.Class **A61K 9/16** ⓘ Appl.No PCT/CN2010/080617 Applicant BEIJING HONGYIYAO SCIENCE & TECHNOLOGY DEVELOPMENT CO., LTD. Inventor LI, Xinjian

An immunosuppressant J2 sodium alginate microsphere, its preparation method, and use are disclosed. The microsphere comprises sodium alginate as carrier and immunosuppressant J2. The **microsphere** is formed by encapsulating or absorbing immunosuppressant J2 into **microsphere** in presence of calcium ion through a high-voltage electrostatic droplets device. Said microsphere formulation has tissue-targeting, higher bioavailability and lower whole body toxicity.

2. **2085263** MICORPHONES

GB - 21.04.1982

Int.Class H04R 1/08 ⓘ Appl.No 8021427 Applicant QUIRKE PATRICK ADAIR Inventor

A microphone windshield has a longitudinal slot which enables a microphone cradle carried by a pistol grip to be inserted into and removed from the windshield without completely disassembling the cradle from the grip. The operation is performed after loosening clamping bolts or quick release spring clamps. The microphone may be carried by the cradle during insertion into and removal from the windshield.

3. **1020000004807** ISOLATION CURCUIT OF OVER-VOLTAGE

KR - 25.01.2000

Int.Class F25D 27/00 ⓘ Appl.No 1019980026326 Applicant DAEWOO ELECTRONICS CO., LTD. Inventor JUNG, IL SIK

PURPOSE: An isolation circuit of an over-voltage is provided to protect a compressor from the over-voltage by isolating the circuit fed to the compressor when detecting the over-voltage from the power unit of a refrigerator.

CONSTITUTION: The isolation circuit of the over-voltage has a **micomputer**[10] to output a certain control signal when detecting an over-voltage by detecting the over-voltage fed from an interchange current of a converter[50] of a refrigerator; an isolation circuit[20] turn off a relay switch[30] fed to a compressor[40] of the refrigerator when feeding the certain control signal from the **micomputer**[10].

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Use of wildcards

- Spelling uncertainty (plural, tenses, foreign words):

tyre vs. tire ➡ t*re

University vs Universität ➡ Universit* Stuttgart

- Multiple spelling variants are known:

color vs. colour ➡ col*

- Preferred option over stemming:

electric vs. electricity ➡ electri*

Wildcard vs stemming

- Logic results:

- *navy, navies* or *naval* if *nav** = *navigating, navigation,*

- *electricity* or *electric* if *elect** = *electoral*

Fuzzy searches

- Use of the tilde: ~

- Examples:

roam~ \longrightarrow foam / roams

Roam~0.8



Useful to find misstpyed, misspelt or mis-OCRed words

^ caret = weighting factor

- Same result but ranking will be different

touch³ AND polarize

EN_AB:(touch AND polarize)



2,912 results Offices All Language All Stemming True



1. **20170299909** SWITCHABLE TYPE TOUCH DISPLAY DEVICE AND METHOD OF DRIVING THE SAME

US - 19.10.2017

Int.Class G02F 1/1333 Appl.No 15637611 Applicant LG Display Co., Ltd. Inventor Chung-Hwan AN

A switchable type touch display device includes: a display panel displaying an image; a touch polarization control panel over the display panel, wherein the touch polarization control panel includes: first and second touch polarization control substrates; a first electrode on an inner surface of the first touch polarization control substrate; a second electrode on an inner surface of the second touch polarization control substrate; a third electrode on an outer surface of the second touch polarization control substrate; and a polarization control liquid crystal layer between the first and second touch polarization control substrates; and a lens panel over the touch polarization control panel.

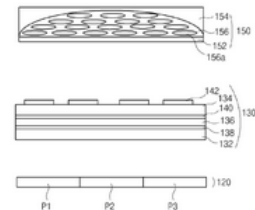


2. **20150177549** SWITCHABLE TYPE TOUCH DISPLAY DEVICE AND METHOD OF DRIVING THE SAME

US - 25.06.2015

Int.Class G02F 1/1335 Appl.No 14506831 Applicant LG Display Co., Ltd. Inventor Chung-Hwan AN

A switchable type touch display device includes: a display panel displaying an image; a touch polarization control panel over the display panel, wherein the touch polarization control panel includes: first and second touch polarization control substrates; a first electrode on an inner surface of the first touch polarization control substrate; a second electrode on an inner surface of the second touch polarization control substrate; a third electrode on an outer surface of the second touch polarization control substrate; and a polarization control liquid crystal layer between the first and second touch polarization control substrates; and a lens panel over the touch polarization control panel.

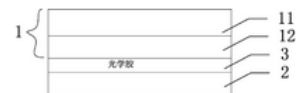


3. **104111752** TOUCH DISPLAY MODULE AND TOUCH SCREEN WITH TOUCH DISPLAY MODULE USED

CN - 22.10.2014

Int.Class G06F 3/041 Appl.No 201410256459.8 Applicant SHENZHEN PENGDAYUAN ELECTRONIC TECHNOLOGY CO., LTD. Inventor ZENG RUIPENG

A touch display module comprises a touch polarization layer and a display module body. The touch polarization layer comprises a polarizer and a touch layer formed on the surface of the polarizer, and the touch polarization layer and the display module body are completely fit or a gap is formed between the touch polarization layer and the display module body. According to the touch display module, the touch layer is formed on the polarizer in a screen printing or plating and carving mode to form the touch polarization layer, the processing difficulty of light and thin touch display modules is reduced, the yield of the touch display modules is increased, and the production cost of the touch display modules is lowered.



4. **1020180119741** TOUCH PANEL AND TOUCH DISPLAY APPARATUS INCLUDING SAME

KR - 05.11.2018

Int.Class G06F 3/041 Appl.No 1020170053158 Applicant SAMSUNG DISPLAY CO., LTD. SAMSUNG DISPLAY CO., LTD. Inventor JEONG JI WOONG JEONG JI WOONG



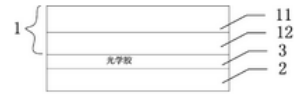


1. **104111752** TOUCH DISPLAY MODULE AND TOUCH SCREEN WITH TOUCH DISPLAY MODULE USED

CN - 22.10.2014

Int.Class G06F 3/041 (i) Appl.No 201410256459.8 Applicant SHENZHEN PENGDAYUAN ELECTRONIC TECHNOLOGY CO., LTD. Inventor ZENG RUIPENG

A touch display module comprises a touch polarization layer and a display module body. The touch polarization layer comprises a polarizer and a touch layer formed on the surface of the polarizer, and the touch polarization layer and the display module body are completely fit or a gap is formed between the touch polarization layer and the display module body. According to the touch display module, the touch layer is formed on the polarizer in a screen printing or plating and carving mode to form the touch polarization layer, the processing difficulty of light and thin touch display modules is reduced, the yield of the touch display modules is increased, and the production cost of the touch display modules is lowered.

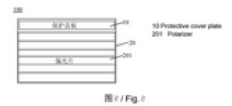


2. **WO/2015/149264** TOUCH SCREEN, DISPLAY SCREEN AND METHOD OF MANUFACTURING TOUCH SCREEN

WO - 08.10.2015

Int.Class G06F 3/041 (i) Appl.No PCT/CN2014/074501 Applicant HUAWEI DEVICE CO., LTD. Inventor WANG, Chingyi

Provided are a touch screen, a display screen and a method of manufacturing the touch screen, wherein the touch screen comprises: a protective cover plate and a display screen, the display screen comprises a polarizer; and at least one touch sense layer is disposed on the surface of a protective layer of the polarizer, and the touch sense layer comprises a touch electrode. In the touch screen described above, the touch sense layer is directly disposed on the polarizer of the display screen, which realizes cost reduction and yield improvement.

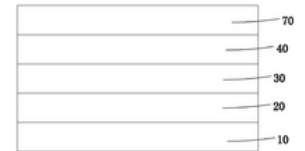


3. **109375817** TOUCH DISPLAY DEVICE

CN - 22.02.2019

Int.Class G06F 3/041 (i) Appl.No 201811467995.7 Applicant WUHAN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECHNOLOGY CO., LTD. Inventor FENG XIAOLIANG

The invention provides a touch display device. The touch display device includes a display panel, a first touch electrode array provided on the display panel, a first polarizer disposed on the first touch electrode array and a second touch electrode array disposed on the first polarizer, the first touch electrode array is insulated and separated from the second touch electrode array by the first polarizer. By arranging the first touch electrode array and the second touch electrode array separately on both sides of the first polarizer, the short circuit between the first touch electrode array and the second touch electrode array can be avoided, the poor touch control can be prevented, the number of film layers can be reduced, the touch control structure can be simplified, and the thickness of the product can be reduced.

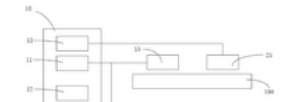


4. **WO/2019/144449** TOUCH DRIVE CIRCUIT, TOUCH ASSEMBLY, TOUCH DRIVE METHOD, AND DISPLAY TOUCH DEVICE

WO - 01.08.2019

Int.Class G06F 3/041 (i) Appl.No PCT/CN2018/076340 Applicant WUHAN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECHNOLOGY CO., LTD. Inventor LIN, Dan

A touch drive circuit, a touch assembly, a touch drive method, and a display touch device. The touch drive circuit is configured to drive an OLED touch panel. The touch drive circuit comprises a touch chip (10) and a regulating voltage generating circuit (50). The touch chip (10) comprises a first voltage generating circuit (11). The first voltage generating circuit (11) comprises a first voltage generating circuit (111).



1. 20170299909 SWITCHABLE TYPE TOUCH DISPLAY DEVICE AND METHOD OF DRIVING THE SAME

Int.Class G02F 1/1333 () Appl.No 15637611 Applicant LG Display Co., Ltd. Inventor Chung-Hwan AN

A switchable type touch display device includes: a display panel displaying an image; a touch polarization control panel over the display panel, wherein the touch polarization control panel includes: first and second touch polarization control substrates; a first electrode on an inner surface of the first touch polarization control substrate; a second electrode on an inner surface of the second touch polarization control substrate; a third electrode on an outer surface of the second touch polarization control substrate; and a polarization control liquid crystal layer between the first and second touch polarization control substrates, and a lens panel over the touch polarization control panel.

US - 19.10.2017

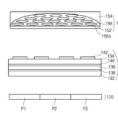


2. 20150177549 SWITCHABLE TYPE TOUCH DISPLAY DEVICE AND METHOD OF DRIVING THE SAME

Int.Class G02F 1/1335 () Appl.No 14506831 Applicant LG Display Co., Ltd. Inventor Chung-Hwan An

A switchable type touch display device includes: a display panel displaying an image; a touch polarization control panel over the display panel, wherein the touch polarization control panel includes: first and second touch polarization control substrates; a first electrode on an inner surface of the first touch polarization control substrate; a second electrode on an inner surface of the second touch polarization control substrate; a third electrode on an outer surface of the second touch polarization control substrate; and a polarization control liquid crystal layer between the first and second touch polarization control substrates, and a lens panel over the touch polarization control panel.

US - 25.08.2015

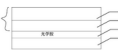


3. 104111752 TOUCH DISPLAY MODULE AND TOUCH SCREEN WITH TOUCH DISPLAY MODULE USED

Int.Class G06F 3/041 () Appl.No 201410256459.9 Applicant SHENZHEN PENGDAUYUAN ELECTRONIC TECHNOLOGY CO., LTD. Inventor ZENG RUIPENG

A touch display module comprises a touch polarization layer and a display module body. The touch polarization layer comprises a polarizer and a touch layer formed on the surface of the polarizer, and the touch polarization layer and the display module body are completely fit or a gap is formed between the touch polarization layer and the display module body. According to the touch display module, the touch layer is formed on the polarizer in a screen printing or plating and carving mode to form the touch polarization layer, the processing difficulty of light and thin touch display modules is reduced, the yield of the touch display modules is increased, and the production cost of the touch display modules is lowered.

CN - 22.10.2014

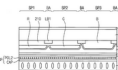


4. 1020180119741 TOUCH PANEL AND TOUCH DISPLAY APPARATUS INCLUDING SAME

Int.Class G06F 3/041 () Appl.No 1020170053159 Applicant SAMSUNG DISPLAY CO., LTD.SAMSUNG DISPLAY CO., LTD. Inventor JEONG JI WOONG,JEONG JI WOONG

A touch panel includes a first polarizing element, a first substrate, a liquid crystal layer, a second polarizing element, a touch electrode layer, a color conversion layer, and a second substrate. The first polarizing element has a first polarization axis. The first substrate is arranged on the first polarizing element. The liquid crystal layer is arranged on the first substrate. The second polarizing element is arranged on the liquid crystal layer. The second polarizing element includes a plurality of polarizing touch electrodes extended in a second polarization axis direction intersecting the first polarization axis. The touch electrode layer is arranged on the liquid crystal layer. The touch electrode layer is adjacent to the second polarizing

KR - 05.11.2013



1. 104111752 TOUCH DISPLAY MODULE AND TOUCH SCREEN WITH TOUCH DISPLAY MODULE USED

Int.Class G06F 3/041 () Appl.No 201410256459.9 Applicant SHENZHEN PENGDAUYUAN ELECTRONIC TECHNOLOGY CO., LTD. Inventor ZENG RUIPENG

A touch display module comprises a touch polarization layer and a display module body. The touch polarization layer comprises a polarizer and a touch layer formed on the surface of the polarizer, and the touch polarization layer and the display module body are completely fit or a gap is formed between the touch polarization layer and the display module body. According to the touch display module, the touch layer is formed on the polarizer in a screen printing or plating and carving mode to form the touch polarization layer, the processing difficulty of light and thin touch display modules is reduced, the yield of the touch display modules is increased, and the production cost of the touch display modules is lowered.

CN - 22.10.2014

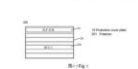


2. W0/2015/149264 TOUCH SCREEN, DISPLAY SCREEN AND METHOD OF MANUFACTURING TOUCH SCREEN

Int.Class G06F 3/041 () Appl.No PCT/CN2014/074501 Applicant HUAWEI DEVICE CO., LTD. Inventor WANG, Chingyi

Provided are a touch screen, a display screen and a method of manufacturing the touch screen, wherein the touch screen comprises: a protective cover plate and a display screen, the display screen comprises a polarizer; and at least one touch sense layer is disposed on the surface of a protective layer of the polarizer, and the touch sense layer comprises a touch electrode. In the touch screen described above, the touch sense layer is directly disposed on the polarizer of the display screen, which realizes cost reduction and yield improvement.

WO - 08.10.2015



3. 109375817 TOUCH DISPLAY DEVICE

Int.Class G06F 3/041 () Appl.No 20121197399.7 Applicant WOKIN ORIENT SHIK OF TO ELECTRONICS SERVICE DOCTOR DISPLAY TECHNOLOGY CO., LTD. Inventor FENG XIAOLIANG

The invention provides a touch display device. The touch display device includes a display panel, a first touch electrode array provided on the display panel, a first polarizer disposed on the first touch electrode array and a second touch electrode array disposed on the first polarizer, the first touch electrode array is insulated and separated from the second touch electrode array by the first polarizer. By arranging the first touch electrode array and the second touch electrode array separately on both sides of the first polarizer, the short circuit between the first touch electrode array and the second touch electrode array can be avoided, the poor touch control can be prevented, the number of film layers can be reduced, the touch control structure can be simplified, and the thickness of the product can be reduced.

CN - 22.02.2019



4. W0/2019/144449 TOUCH DRIVE CIRCUIT, TOUCH ASSEMBLY, TOUCH DRIVE METHOD, AND DISPLAY TOUCH DEVICE

Int.Class G06F 3/041 ()

A touch drive circuit, a touch assembly, a touch drive method, and a display touch device. The touch drive circuit is configured to drive an OLED touch panel. The touch drive circuit comprises a touch chip (10) and a regulating voltage generating circuit (50). The touch chip (10) comprises a first voltage generating circuit (11). The first voltage generating circuit (11) is configured to generate a first voltage signal, the first voltage signal being provided to a transmitter electrode (15) of the OLED touch panel. The regulating voltage generating circuit (50) is configured to generate a regulating voltage, the voltage polarity of the regulating voltage being the same as the polarity of a cathode voltage loaded by a cathode (100) on the OLED touch panel, and the regulatio voltaeo being provided to the transmitter electrode (15). The touch drive circuit reduces the quantity of electric charge flowing from the

WO - 01.08.2019




Example: national phase entry

- All applications that entered national phase in China in 2012



NPCC:CN AND NPED:CN-2012*

 Expand with related terms

Offices

All

Languages

English

Stemming

In italiano

ADVANCED SEARCH ▾

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

italian

Italian Abstract

Italian Claims

Italian Description

Italian Text

Italian Title

All

☑ Stemming

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Search

IT ALLTEXT: ingranaggio

Query Assistant Query Examples

Expand with related terms

Offices

All



Languages

All



Stemming

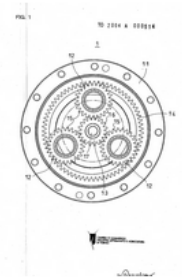
Reset

Search

1. **T020040514** **INGRANAGGIO** A DENTATURA INTERNA E **INGRANAGGIO** RIDUTTORE A SATELLITI.

Int.Class B60K 7/00  Appl.No 102004901232467 Applicant NABCO LTD Inventor ANDO TERUHISA

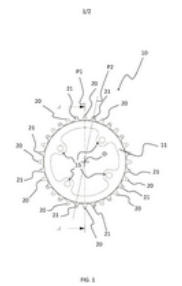
IT - 23.10.2004




2. **201700055002** **INGRANAGGIO** PER BICICLETTA E METODO PER LA FABBRICAZIONE DI TALE **INGRANAGGIO**

Int.Class Appl.No 201700055002 Applicant CAMPAGNOLO SRL Inventor BEVILACQUA SEBASTIANO

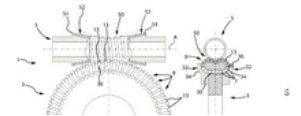
IT - 22.11.2018



3. **201700065267** **INGRANAGGIO** A VITE SENZA FINE.

Int.Class F16H 1/16  Appl.No 201700065267 Applicant MORSELLI MARIO ANTONIO Inventor MORSELLI MARIO ANTONIO

IT - 13.12.2018



IT_ALLTXT:ingranaggio AND PA:Ferrari

36 results Offices All Languages All Stemming True

 Analysis Sort: **Relevance** ▼ Per page: **10** ▼



Page
1/4 ▼



1. **B020090123** VEICOLO A TRAZIONE INTEGRALE INSERIBILE

Int.Class Appl.No 102009901708959 Applicant FERRARI SPA Inventor CIMATTI FRANCO

2. **B020130291** VEICOLO STRADALE CON PROPULSIONE IBRIDA

Int.Class Appl.No 102013902164030 Applicant FERRARI SPA Inventor FAVARETTO FABRIZIO

Most common errors

- (.....) "..."
- " not “
- Field name
- No space
- Wildcard at the beginning of a word

Searches

SIMPLE SEARCH

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Field
Front Page

Search terms...

- Simple
- Advanced Search
- Field Combination
- Cross Lingual Expansion
- Chemical compounds

ation



Query Examples

Office
All

Languages

- Chinese
- Danish
- Dutch
- English
- French
- German
- Italian
- Japanese
- Korean
- Polish
- Portuguese
- Russian
- Spanish
- Swedish

CROSS LINGUAL EXPANSION ▾

Search terms... *

jacuzzi

|

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

FULL QUERY

[Close](#)[Edit](#)

(EN_TI:("jacuzzi" OR "whirlpool tub") OR EN_AB:("jacuzzi" OR "whirlpool tub")) OR (DE_TI:("Jacuzzi" OR "Wannensprudelbad" OR "Whirlpoolbehälter" OR "Whirlpoolwanne") OR DE_AB:("jacuzzi" OR "Wannensprudelbad" OR "Whirlpoolbehälter" OR "Whirlpoolwanne")) OR (ES_TI:("bañera de hidromasaje" OR "tinas de hidromasaje" OR "bañera con toberas de remolino") OR ES_AB:("bañera de hidromasaje" OR "tinas de hidromasaje" OR "bañera con toberas de remolino")) OR (FR_TI:("jacuzzi" OR "baignoire d'hydromassage" OR "bassin pour bains tourbillonnants") OR FR_AB:("jacuzzi" OR "baignoire d'hydromassage" OR "bassin pour bains tourbillonnants")) OR (JA_TI:("ジャグジー" OR "入浴用ジャグジー") OR JA_AB:("ジャグジー" OR "入浴用ジャグジー")) OR (ZH_TI:("漩涡浴盆") OR ZH_AB:("漩涡浴盆"))

Analysis Sort: **Relevance** ▼ Per page: 10 ▼

Page
1 / 38 ▼

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1. **2003250855** MOBILE **JACUZZI** BATHTUB

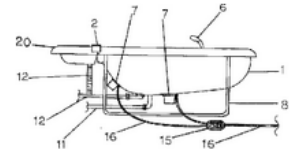
Int.Class A47K 3/0 ⓘ Appl.No 2002107168 Applicant HASHIMOTO SUSUMU Inventor HASHIMOTO SUSUMU

PROBLEM TO BE SOLVED: To provide a **Jacuzzi** [R] by using a pump motor in which a pump and a motor are integrally combined and a pillow to which the head can be fixed in a mobile bathtub used for visiting bath.

SOLUTION: A pillow that can be opened and closed to fix the head is provided to one end of a mobile bathtub. A motor pump is provided at the bottom or the side of the mobile bathtub.

COPYRIGHT: (C)2003,JP0


JP - 09.09.2003



2. **3368733** BATHING POOL OR WHIRLPOOL

EP - 05.09.2018

39. **1052694** DISPOSITIVO PARA LA ILUMINACION DE BAÑERAS DE HIDROMASAJE Y SIMILARES

Int.Class A47K 3/02  Appl.No 200201106 Applicant EUROBATH SYSTEMS S A Inventor GIMENO MARTINEZ VICENTE

1. Dispositivo para la iluminación de **bañeras de hidromasaje** y similares, de los constituidos a partir de cuerpos tubulares, por el interior de los cuales se desplazan hilos de fibra óptica, presentando en sus zonas externas, dispositivos de iluminación [6], cuya actuación se ve potenciada por un compresor, presentando cuerpos tubulares [2] que se adaptan a las conducciones y pronunciaciones transversales [3], caracterizado porque en el extremo externo de las pronunciaciones o prolongaciones transversales [3], existe un regresado perimetral [4] roscado interiormente, donde se fija herméticamente una pieza [5] de material transparente o translúcido, dotada en su perímetro externo de un roscado perimetral, disponiendo de una perforación central a través de la cual, emerge el dispositivo de iluminación [6]. 2. Dispositivo para la iluminación de **bañeras de hidromasaje** y similares, según la primera reivindicación, caracterizado porque el haz luminoso sale al exterior a través del cuerpo de material plástico transparente o translúcido.

ES - 01.02.2003

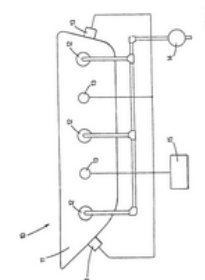
NO
IMAGE
AVAILABLE

40. **2281386** BAÑERA DE HIDROMASAJE.

Int.Class A61H 33/00  Appl.No E01110860 Applicant TEUCO GUZZINI S.P.A. Inventor GUZZINI, VIRGILIO

Una **bañera de hidromasaje** [10] que comprende una pluralidad de dispositivos de micromasaje ultrasónico [13] distribuida en las paredes [11] de la bañera [10] en la que cada uno de los citados dispositivos de micromasaje ultrasónico [13] comprende medios [23, 30] para orientar la dirección de la emisión del ultrasonido en un ángulo sólido, estando los citados dispositivos [13] conectados eléctricamente con, por lo menos, un generador eléctrico [15] con la frecuencia ultrasónica; caracterizada por el hecho de que cada dispositivo de micromasaje ultrasónico [13] comprende adicionalmente una placa [26] de aislamiento eléctrico unido a un elemento piezoeléctrico [25] para formar una unidad resonante [27], donde la citada placa [26] permite la propagación de las ondas ultrasónicas procedentes desde el citado elemento piezoeléctrico [25] en el agua en la bañera [10], estando situada la citada placa [26] entre el elemento piezoeléctrico [25] y el agua en la bañera [10]; y el espesor de la citada placa [26] del aislamiento eléctrico es igual a un cuarto de la longitud de la onda ultrasónica en el material del que está hecha la citada placa [26].

ES - 01.10.2007



Search terms... *

bicicletta

Query Language™

Italian

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)

Select Domains

Search terms... *

bicicletta

Query Language"

Italian

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)

Select one or more technical domains relevant to your search terms

Domains *

[AUTO] Automotive & Road Vehicle Engineering X [SPRT] Sports, Leisure, Tourism & Hospitality Ind X

[PACK] Packaging & Distribution of Goods

[PRNT] Printing & Paper

[RAIL] Railway Engineering

[SCIE] Optical Engineering

[SPRT] Sports, Leisure, Tourism & Hospitality Ind ✓

[TFXT] Textile & Clothing Industries

▼ TERM 1: BICICLETTA

Keep term untranslated when expanding query in other languages

Domains

[AUDV] Audio, Audiovisual, Image & Video Tech × [AUTO] Automotive & Road Vehicle Engineering × [SPRT] Sports, Leisure, Tourism & Hospitality Ind ×

Variants

Precision level

High

biciclette

quali

cicli

Add variant

Start Over

Back

Translate Selected Terms

Italian

Danish

German

English

Spanish

French

Japanese

Korean

Dutch

Polish

Portuguese

Russian

Swedish

Chinese

IPC

Search terms... *

"bicicletta" OR "cicli"

Field(s) you want to search:

Abstract



Acceptable distance between matched wor...

Sentence



Stemming

Start Over

Back

Submit Query

Italian	Danish	German	English	Spanish	French	Japanese	Korean	Dutch	Polish	Portuguese	Russian	Swedish	Chinese
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IPC

Search terms... *
"bicycle" OR "cycles"

Field(s) you want to search: Abstract	▼	Acceptable distance between matched wor... Sentence	▼	<input checked="" type="checkbox"/> Stemming
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(IT_AB:("bicicletta" OR "cicli") OR DA_AB:("cykel" OR "cykler" OR "cykler eller andre tohjulede" OR "sko til cykelpedal" OR "sko cykelpedal") OR DE_AB:("Fahrrad" OR "Zweirad" OR "Zyklen" OR "Perioden" OR "Funktionsabläufen" OR "Cyclen") OR EN_AB:("bicycle" OR "cycles") OR ES_AB:("bicicleta" OR "fijas de ejercicio" OR "ciclos" OR "velocipedos") OR FR_AB:("bicyclette" OR "déroulement" OR "cycles") OR JA_AB:("自転車" OR "行程" OR "サイクル") OR KO_AB:("자전거" OR "자전거용" OR "추상화방법" OR "주기") OR NL_AB:("fiets" OR "rijwiel" OR "fietsen") OR PL_AB: ("roweru" OR "rowerowa" OR "dla rowerów") OR PT_AB:("bicicleta" OR "suspensão intermédio" OR "ciclos" OR "veiculos duas rodas" OR "veiculos de duas rodas" OR "suspensão por intermédio") OR RU_AB:("извещатель" OR "велосипеда" OR "цикловой" OR "компьютер" OR "велотренажер" OR "велосипедный" OR "циклах" OR "dix" OR "колесо велосипеда") OR SV_AB:("drivs" OR "cykel" OR "cyklar" OR "tvahjulig" OR "cykels framdel" OR "cycklar") OR ZH_AB:("自行车" OR "循环" OR "周期数" OR "电信交换" OR "用于自行车")) AND ICF:(A63 OR B60 OR B62 OR F41B OR G03 OR G09F OR G09G OR G10K OR G10L OR G11 OR H04)

Analysis Sort: **Relevance** ▼ Per page: **10** ▼

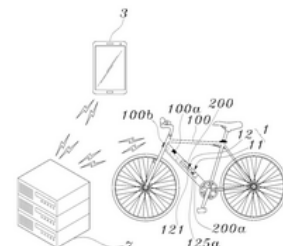
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1. [WO/2018/084358](#) THEFT PREVENTION SYSTEM FOR ELECTRIC BICYCLE BATTERY

WO - 11.05.2018

Int.Class [B62H 5/00](#) [?](#) Appl.No PCT/KR2016/013804 Applicant LKWAY CO., LTD. Inventor HYUN, Hong Jun

The present invention relates to a theft prevention system for an electric **bicycle** battery. A location information transmitting means is provided on an electric **bicycle** battery and the location information of the electric **bicycle** battery is transmitted to a control server. The control server has a smart terminal of a user registered with respect to the respective electric **bicycle** battery and transmits information relating to the location of the electric **bicycle** battery to the registered smart terminal. Accordingly, a user of the respective electric **bicycle** can locate the electric **bicycle** battery by means of the smart device, and thus the electric **bicycle** battery can be prevented from being stolen.

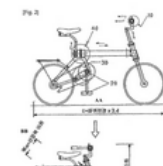


2. [WO/2011/071193](#) URBAN PORTABLE BICYCLE

WO - 16.06.2011

Int.Class [B62K 3/02](#) [?](#) Appl.No PCT/KR2009/007258 Applicant GENERAL ROTOR CO., LTD. Inventor HONG, Jae Ho

The present invention relates to a portable **bicycle**. More specifically, the invention relates to typical small bikes, but is also a fold-able **bicycle**, and the fold-able nature makes this a distinctive urban portable **bicycle**. The applicant's invention is an improvement over the **bicycle** disclosed in Korean Patent Registration No. 10-0854018 and the new urban **bicycle** improves usability since it can be easily adapted for public transport, making it economically useful.

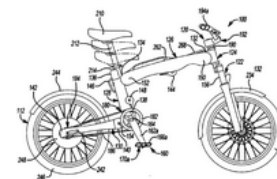


9. 105270540 自行车控制系统

CN - 27.01.2016


Int.Class B62K 15/00  Appl.No 201510419622.2 Applicant 福特全球技术公司 Inventor 汤姆·罗伯特·乔治·汤普森

一种系统，包括自行车中的计算机，以及该计算机具有处理器和存储器。该计算机被编程为：确定用于自行车的用户的用户特征，该用户特征包括踩踏力及踩踏节奏，至少部分地按照用户特征计算功率分配；按照功率分配选择用于自行车电动机的一个或多个运行参数；以及对自行车电动机的运作应用运行参数。

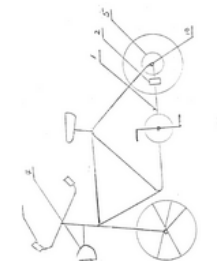


10. 2436397 自行车照明及取暖装置

CN - 27.06.2001

Int.Class B62J 6/02  Appl.No 00210106.8 Applicant 郑作霖 Inventor 郑作霖

一种自行车照明及取暖装置，它是在自行车车架后梁上安装有交流永磁发电机与齿轮增速箱相连接。齿轮增速箱与自行车后轴上设置的卡盘式主动轮相啮合。交流永磁发电机由导线与前灯上设置的整流器相连。本实用新型结构简单，安装方便，可用于自行车夜间行驶照明，也可用于自行车车把把套发热。



Searches

SIMPLE SEARCH

Using PATENTSCOPE you can search 76 million patent documents including 3.6 million published international patent documents. PCT Publication 38/2019 (19.09.2019) is now available. The next publication date is scheduled as follows: Gazette number 38/2019 (19.09.2019). Help us improve PATENTSCOPE and prioritize the next steps by answering [this quick survey](#)

Field
Front Page

Search terms...

- Simple
- Advanced Search
- Field Combination
- Cross Lingual Expansion
- Chemical compounds**



Query Examples

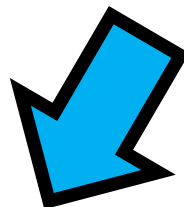
Office
All

Structure search - the concept

- Recognize names and structures of chemical compounds in patent texts and embedded drawings
- Standardize all the different representations of chemical structures into InChIkeys
- InChIkeys can be used by non chemists

Inchikeys

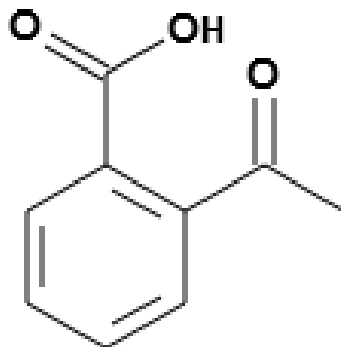
- Definition: a short, fixed-length character signature based on a hash code of the InChI string.



- Provide a precise & robust IUPAC* approved structure-derived tag for a chemical substance.

*[International Union of Pure and Applied Chemistry](#)

Example: InChI – InChIKey for aspirin



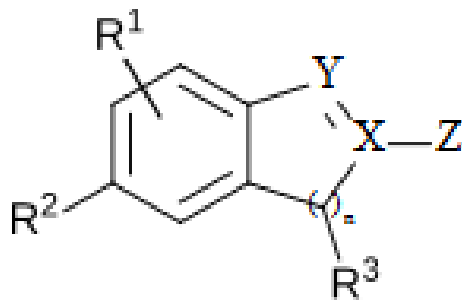
InChI: InChI=1S/C9H8O4/c1-6(10)13-8-5-3-2-4-7(8)9(11)12/h2-5H,1H3,(H,11,12)
InChIKey: BSYNRYMUTXBXSQ-UHFFFAOYSA-N

InChIKey = a fixed-length (27-character) condensed digital representation of an **InChI**

InChI = is a textual identifier developed to make it easy to perform web searches for chemical structures

Scope

- Works on **developed exact formulas** \neq Markush structures (-R) that are chemical symbols used to indicate a collection of chemicals with similar structures.



Collections

- China [1996 -2019]
- European Patent Office [1978 -2019]
- Eurasian Patent Office [1998 -2018]
- Japan [1993 -2019]
- Republic of Korea [1980 -2019]
- PCT [1979 -2019]
- Russia [1995 -2019]
- United States [1979 -2019]

IPC codes

- A01N
- A01P
- A23J
- A61K
- A61L
- A61P
- A61Q
- B01J
- B01S
- C01B
- C01C
- C01D
- C01F
- C01G
- C06B
- C07B
- C07C
- C07D
- C07F
- C07H
- C07J
- C07K
- C08F
- C08G
- C08J
- C08K
- C08L
- C09B
- C09C
- C09D
- C09J
- C09K
- C10H
- C10L
- C10M
- C10N
- C11D
- C12C
- C12H
- C12M
- C12N
- C12P
- C12Q
- C13B
- C13K
- C14C
- C23C
- C25B
- C40B
- H05B
- G01N
- G03C

Fields

- Title
- Abstract
- Description
- Claim

Limitations

- Long automated procedures, no supervision
- Will not recognize 100%! Same drawbacks as the OCR
- Depends on OCR quality for PCT applications
- Does not work with simple formulas such H₂O
- Not all collections and related languages

Why is it useful?

- Terms such as “aspirin”, “paracetamol” not always used in patent documents
- Many ways of representing formulas
- Expansion of searches

4 options

CHEMICAL COMPOUNDS SEARCH ▾

Convert structure

Structure editor

SubStructure

Upload structure

Search type
Compound name



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

Search for scaffold

Offices
All



Reset

Show in editor

Exact Structure Search

Scaffold

- Basic skeleton of a molecule to which further groups and moieties are attached
- Secondary information is ignored

Upload a structure

Convert structure	Structure editor	SubStructure	Upload structure
-------------------	------------------	--------------	-------------------------

Select a structure file [MOL] or image file [PNG, GIF, TIFF, JPEG] and upload it. Upload

Search for scaffold

Offices
All ▼

Reset Show in editor Exact Structure Search

Example

Convert structure

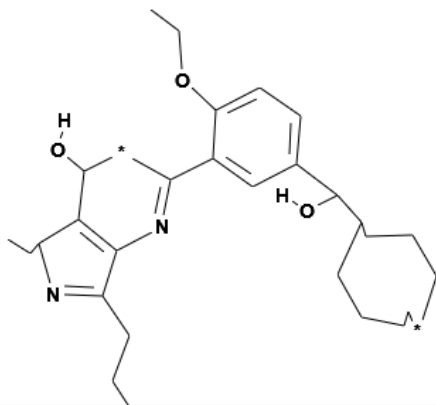
Structure editor

SubStructure

Upload structure



chiral



InChI: InChI=1S/C28H40N2O3/c1-6-11-14-20[12-7-2]28[32]21-15-16-26[33-10-5]22[17-21]18-29-27-23[19-31]24[9-4]30-25[27]13-8-3/h15-17,19-20,24,28,31-32H,1-2,6-14H2,3-5H3

InChIKey: IJXUACSRGSIDII-UHFFFAOYSA-N

Molecular Formula: C28H40N2O3

Molecular Weight: 0.0 G/mol

Search for scaffold

Offices

All

Structure editor

Convert structure

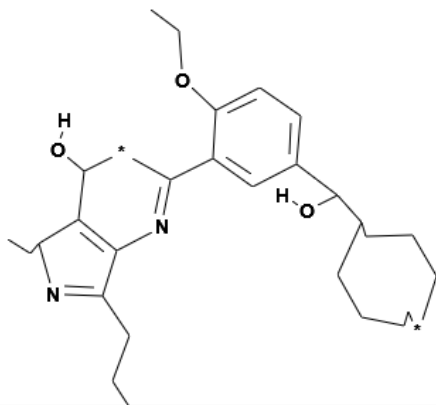
Structure editor

SubStructure

Upload structure



chiral



InChI: InChI=1S/C28H40N2O3/c1-6-11-14-20[12-7-2]28[32]21-15-16-26[33-10-5]22[17-21]18-29-27-23[19-31]24[9-4]30-25[27]13-8-3/h15-17,19-20,24,28,31-32H,1-2,6-14H2,3-5H3

InChIKey: IJXUACSRGSIDII-UHFFFAOYSA-N

Molecular Formula: C28H40N2O3

Molecular Weight: 0.0 G/mol

Search for scaffold

Offices

All

Convert a structure

Convert structure	Structure editor	SubStructure	Upload structure
-------------------	------------------	--------------	------------------

Search type Compound name	Type an accepted name, commercial name, CAS name, IUPAC name
Compound name	
INN	5-(1H-imidazol-2-yl)butanoic acid
InChI	CC(=O)OCC1=CN=CN1
SMILES	
All	

Reset Show in editor **Exact Structure Search**

Search by CAS number

■ CAS83-88-5

ADVANCED SEARCH ▾

✓
CHEM:(CAS83x88x5)

Query Assistant [Query Examples](#)

本发明还进一步所述洗手液在日化用品中的应用。

优选的，所述日化用品为洗手巾，所述洗手液吸附于所述洗手巾上。

优选的，所述洗手液通过喷涂或浸泡的方法吸附至所述洗手巾上。

进一步的，所述洗手巾为棉浆纸、木浆纸或无纺布中的一种制成。

本发明中各组分的性质如下：

维生素B1，化学式 $C_{12}H_{16}N_4OS \cdot HCl$ ，为白色晶体，在有氧化剂存在时容易被氧化产生脱氢硫胺素，后者在有紫外光照射时呈现蓝色荧光。

维生素B2，化学式： $C_{17}H_{20}N_4O_6$ ，又叫核黄素，微溶于水，CAS号：83-88-5；为体内黄酶类辅基的组成部分，当缺乏时，就影响机体的生物氧化，使代谢发生障碍。

维生素C，化学式 $C_6H_8O_6$ ，又称L-抗坏血酸，为酸性己糖衍生物，是稀醇式己糖酸内酯，是高等灵长类动物与其他少数生物的必需营养素。

十二烷基硫酸钠，白色或淡黄色粉状，溶于水，对碱和硬水不敏感，CAS号：83-88-5，在日化行业用作乳化剂、灭火剂、发泡剂及纺织助剂，主要用作牙膏和膏状、粉状、洗发香波的发泡剂。

丙三醇，俗称甘油，是无色味甜澄明黏稠液体，无臭、有暖甜味，CAS号：56-81-5，在日化行业可用作软化剂、润滑剂或塑化剂。可与水以任何比例互溶，低浓度丙三醇溶液可做润滑油对皮肤进行滋润。

羧甲基纤维素钠，又名羧甲基纤维素钠盐，为白色纤维状或颗粒状粉末。无臭、无味、无味、有吸湿性，不溶于有机溶剂。CAS号：9004-32-4，在日用化学工业中用作黏结剂、抗再沉凝剂。

羊毛脂，是附着在羊毛上的一种分泌油脂，为淡黄色或棕黄色的软膏状物；有黏性而滑腻；臭微弱而特异。CAS号：8006-54-0，羊毛脂在氯仿或乙醚中易溶，在热乙醇中溶解，在乙醇中极微溶解。日用化学工业制造防裂膏、冷霜、高级香皂，对保护皮肤防止裂口具有特殊的效能。

硬脂酸钠，又名十八酸钠，为白色细微粉末或块状固体，CAS号：822-16-2，有滑腻感，有脂肪味，在空气中有吸水性。微溶于冷水，溶于热水或醇溶液，水溶液因水解而呈碱性。在日用化学工业中用作洗涤剂，用于控制漂洗过程中的泡沫。

本发明的有益效果为：

Convert structure: ex.: aspirin

Convert structure

Structure editor

SubStructure

Upload structure

Search type
Compound name

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

Search for scaffold

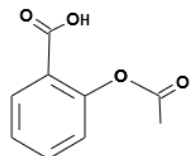
Offices
All

Reset

Show in editor

Exact Structure Search

Toolbar with icons for navigation, editing, and chemical structure manipulation.



InChI: InChI=1S/C9H8O4/c1-6[10]13-8-5-3-2-4-7[8]9[11]12/h2-5H,1H3,[H,11,12]

InChIKey: BSYNRYMUTXBXSQ-UHFFFAOYSA-N

Molecular Formula: C₉H₈O₄

Molecular Weight: 180.1598 G/mol

Search for scaffold

Offices

All

Reset

Substructure Search

Exact Structure Search

Evaluate

CHEM:(BSYNYRMUTXBXSQ-UHFFFAOYSA-N)

177,411 results Offices All Languages All Stemming True

Analysis Sort: Relevance Per page: 10

Page 1 / 17,742

Download Machine translation View: All+Image

1. **104471403** CANCER DETECTION METHOD

CN - 25.03.2015

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

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

2. **1020150034688** 암의 검출 방법

KR - 03.04.2015

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

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

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

CN - 02.01.2018

National Biblio. Data

Description

Claims

Drawings

Compounds

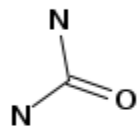
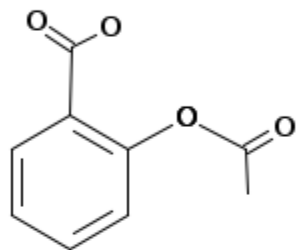
Documents

Title

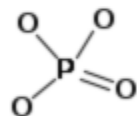
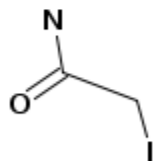
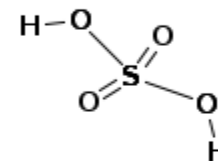
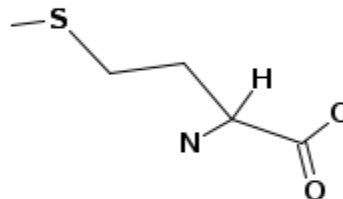
Abstract

Description

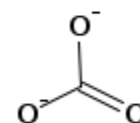
Claims



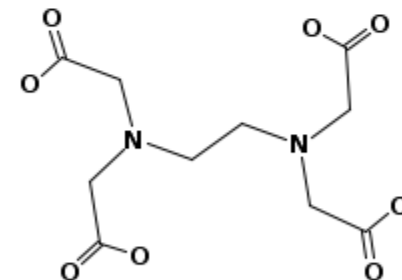
Methionine



Ca²⁺



Edetic acid



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

배경기술

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

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

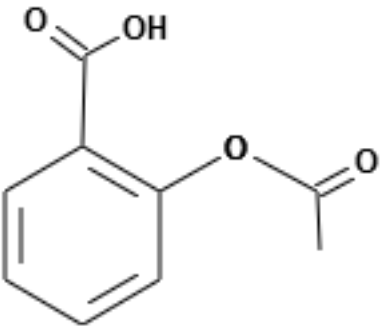
한편, 최근 새로운 수술법의 개발이나 새로운 항암제의 발견에도 불구하고, 일부 암을 제외하고 대부분의 암에서는 효과적인 암 진단 기술이 확립되어 있지 않다. 그러므로, 암을 조기에 발견할 수 없고, 암의 치료 성적은 그다지 향상되지 않은 것이 현재 상황이다.

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

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

그런데, 반려동물은 가족의 일원으로서 사육되고, 기르는 것이 알려져 있다.

대표적인 반려동물인 개는 인간과 비교하여 7배 빨리 나고 종 등의 혼합백신이 일반적으로 보급되고, 개 파보바이러스, 렙토스피라병이라는 치사율이 높은 감염증이 감소했다. 일로를 걷고 있다. 미국에서는 1년에 약 400만마리의 개가 기 때문에 발견이 늦어, 종양이 커지고 처음으로 주인이 일 때문에, 수의사가 악성이라고 판단했을 경우에는 수술하기 실시할 필요가 있다. 수술 후 즉시 항암제 치료를 시작하고 유전자나 단백질을 측정하는 검출법이 존재하면, 지금까지



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

선행기술문헌

특허문헌

[특허문헌 0001] W02010/016526

[특허문헌 0002] W02010/016527

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

는, 일본에서는 약 670만마리, 또한 미국에서는 약 1764만마리라고 알려져 있다. 광견병 예방접종 이외에 5종, 7종, 8라인플루엔자(컨넬코프), 개 아데노바이러스 2형 감염증(컨넬코프), 개 전염성 간염, 개 코로나바이러스 감염증, 및 냥의 고령개는 전체 사육수의 35.5%를 차지하고 있다. 사망 원인도 인간과 같이 암이나 고혈압, 심장병 등이 증가의 로 약 160만마리에 어떤 종양이 있다고 알려져 있다. 그러나, 반려동물은 인간과 같이 건강진단이 보급되어 있지 않 악성인 경우, 수술 등의 외과적 요법이나 항암제 등의 투약을 행한다 해도, 이미 너무 늦은 경우가 대부분이다. 그 나, 수술을 행할 경우에도, 마진 확보의 크기나 수술 중의 혈액, 세포 비산 대책이라고 한 수술 중의 대책도 엄중하게 강적이다. 따라서, 암에 걸린 반려동물에 있어서도 암 치료약의 투약은 필수적이고, 어떤 종류의 암에 대한 질환관련 계도 수의사에 있어서도 메리트가 크다.

Analysis



Analysis

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Page
1 / 17,742 ▾



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ANALYSIS

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Countries		Offices		Applicants		Inventors		IPC code		Publication Dates		Filing Dates	
United States of America	55,838	United States of America	66,632	BRISTOL-MYERS SQUIBB COMPANY	1,125	Dobie Kenneth W.	277	A61K	135,291	2010	10,438	2010	8,587
China	35,854	China	42,981	ASTRAZENECA AB	1,050	Ruben Steven M.	239	A61P	68,212	2011	9,746	2011	8,445
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		Eurasian Patent Organization	3,785	Merck & Co., Inc.	499	Monia Brett P.	144	A61Q	7,772	2019	7,280	2019	1,568

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aspirin

138,944 results Offices All Languages All Stemming True

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Page 1 / 13,895

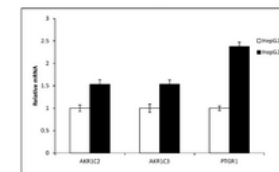
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1. [109833321](#) PHARMACEUTICAL COMPOSITION REVERSING RESISTANCE OF HEPATOMA CARCINOMA CELLS TO SORAFENIB

CN - 04.06.2019

Int.Class A61K 31/616 [?](#) Appl.No 201711213900.4 Applicant DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES Inventor LIU YANG

The invention relates to a pharmaceutical composition, and relates to inhibitors Aspirin and Flufenamic acid of a key enzyme AKR1C3 in a prostaglandin synthesis pathway, wherein the inhibitors can reverse the resistance of hepatoma carcinoma cells to sorafenib at low concentration in cooperation with sorafenib. An adopted specific method is an effective method that the AKR1C3 inhibitors Aspirin and Flufenamic acid and low-concentration sorafenib act together on sorafenib-resistant HepG2 hepatoma cell lines and can significantly inhibit the growth of sorafenib-resistant HepG2 cells, so as to overcome the sorafenib resistance.

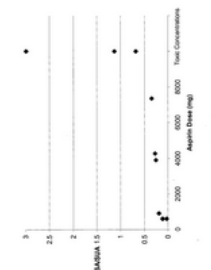


2. [2440939](#) ASPIRIN ASSAY

EP - 18.04.2012

Int.Class G01N 33/94 [?](#) Appl.No 10778706 Applicant RANDOX LAB LTD Inventor BENCHIKH ELOUARD

The invention describes a method for monitoring and detecting non-therapeutic, therapeutic and toxic concentrations of aspirin in individuals which uses the urinary salicylic acid to salicylic acid ratio.



CHEM:(BSYNRYMUTXBXSQ-UHFFFAOYSA-N)



177,411 results

Offices All Languages All Stemming True



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Page 1 / 17,742

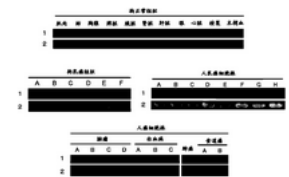
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1. 104471403 CANCER DETECTION METHOD

CN - 25.03.2015

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

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

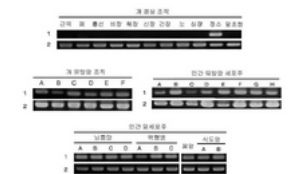


2. 1020150034688 암의 검출 방법

KR - 03.04.2015

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

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



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

CN - 02.01.2018

Combine with applicant

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CHEM:(BSYNYRMUTXBXSQ-UHFFFAOYSA-N) AND app

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Application Date

Application Number

Main Applicant Name

National Phase Application Number

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CHEM:(BSYNRYMUTXBXSQ-UHFFFAOYSA-N) AND PA:novartis

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1. WO2003033001 - COMBINATIONS COMPRISING COX-2 INHIBITORS AND ASPIRIN

PCT Biblio. Data	Description	Claims	National Phase	Notices	Compounds	Documents
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Latest bibliographic data on file with the International Bureau

Publication Number

WO/2003/033001

Publication Date

24.04.2003

International Application No.

PCT/EP2002/011380

International Filing Date

10.10.2002

Chapter 2 Demand Filed

13.03.2003

IPC

A61K 31/365 [2006.01]

A61K 31/415 [2006.01]

A61K 31/60 [2006.01]

A61K 45/06 [2006.01]

[View more classifications](#)

Title

[EN] COMBINATIONS COMPRISING COX-2 INHIBITORS AND ASPIRIN

[FR] COMBINAISONS CONTENANT UN INHIBITEUR DE COX-2 ET DE L'ASPIRINE

Abstract

[EN]

A pharmaceutical composition is provided for treatment of conditions in mammals which a COX-2 inhibitor and low-dose aspirin for simultaneous, sequential or separate use.

[FR]

L'invention se rapporte à une composition pharmaceutique utile dans le traitement d'états pathologiques chez les mammifères, comprenant à la fois un inhibiteur de COX-2 et de l'aspirine faiblement dosée pour une utilisation simultanée, séquentielle ou séparée.

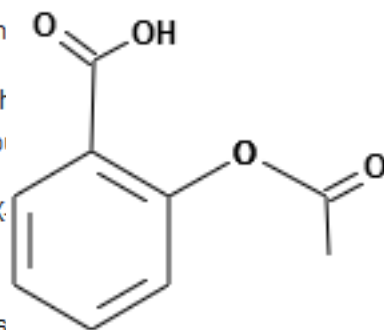
Also published as

[N020041432](#) [MXPA/a/2004/003365](#) [KR1020040044891](#) [VN9290](#) [ZA2004/01302](#) [IL160620](#)

[CN1625405](#) [CA2458981](#) [NZ532158](#) [AU2002342814](#) [AU2006249254](#) [ID039.128](#)

Applicants

It has been proposed to treat a condition selected from the group consisting of acute coronary ischemic syndrome, thrombosis, thromboembolism, thrombotic and first or subsequent thrombotic stroke, in a patient having the condition, comprising administering to the patient a therapeutically effective amount of an antiplatelet agent and a therapeutically effective amount of a COX-2 inhibitor [US Patent No. 6,136,804; Merck]. This combination therapy is stated to provide enhanced treatment options as compared to administering the antiplatelet agent alone. Aspirin is identified as an antiplatelet agent that may be used in this combination therapy and recommended for use at dosages generally in the range of 75 to 325 mg per day. It is found, in accordance with the present invention, that diseases involving platelet aggregation, such as those identified above, may be treated or avoided during treatment with a COX-2 inhibitor administered in combination with aspirin at dosages as described above and furthermore that particular advantageous results are obtained if a 5-alkyl-2-substituted salicylic acid is used in combination with aspirin as antiplatelet inhibitor.



Accordingly the present invention provides a pharmaceutical composition comprising a COX-2 inhibitor and low-dose aspirin, for simultaneous treatment of conditions in mammals which are responsive to COX-2 inhibition which are also responsive to aspirin. Further the invention provides the use of a COX-2 inhibitor in combination with low-dose aspirin for treatment of conditions in mammals which are responsive to COX-2 inhibition.

In a further embodiment the invention provides the use of a COX-2 inhibitor in combination with low-dose aspirin for treatment of conditions in mammals which are responsive to COX-2 inhibition comprising administering to a mammal a medicament, for use in combination with low-dose aspirin for treatment of conditions in mammals which are responsive to COX-2 inhibition.

Yet further the invention provides use of low-dose aspirin to treat acute coronary ischemic syndrome, thrombosis, thromboembolism, thrombotic occlusion and first or subsequent thrombotic stroke, in a patient having the condition, when the low-dose aspirin is administered in combination with an effective amount of a COX-2 inhibitor. Aspirin is administered together with the COX-2 inhibitor for cardio-protection, e.g. in view of the anti-platelet aggregation activity of aspirin.

In the present description the term "treatment" includes both prophylactic or preventative treatment as well as curative or disease modifying treatment, including treatment of patients suspected to have contracted the disease as well as ill patients. In preferred embodiments of the invention "treatment" comprises primary or secondary prevention of the disease.

The invention is generally applicable to the treatment of conditions in mammals which are responsive to COX-2 inhibition. For instance, for the treatment of cyclooxygenase mediated conditions such as inflammation, pyresis, pain, osteoarthritis, rheumatoid arthritis, migraine headache, neurodegenerative diseases (such as multiple sclerosis), Alzheimer's disease, and cancer. COX-2 inhibitors are further useful for the treatment of neoplasia particularly neoplasia that produce prostaglandins or express cyclooxygenase, including both benign and cancerous tumors, growths and polyps. COX-2 inhibitors may be employed for the treatment of any neoplasia as for example in U.S. Patent Publication No. WO 98/16227, published 23 April 1998, in particular epithelium cell-derived neoplasia. COX-2 inhibitors are in particular useful for the treatment of breast cancer and, especially gastrointestinal cancer, for example cancer of the colon, and skin cancer, for example squamous cell or basal cell cancers and melanoma.

The compositions, uses and methods of the present invention represent an improvement to existing therapy of conditions in mammals which are responsive to COX-2 inhibition.

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REFINE OPTIONS

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Combine 2 compounds

Convert structure

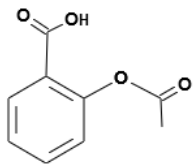
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SubStructure

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Search type
Compound name

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



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InChI: InChI=1S/C9H8O4/c1-6(10)13-8-5-3-2-4-7(8)9(11)12/h

InChIKey: BSYNRYMUTXBXSQ-UHFFFAOYSA-N

Molecular Formula: C9H8O4

Molecular Weight: 180.1598 G/mol

Search for scaffold

Offices

All

The present invention relates to orally disintegrating tablets, useful in particular for the treatment of pain, comprising a fixed dose combination of acetylsalicylic acid, acetaminophen, caffeine and corresponding manufacturing processes.

In an effort to develop more convenient dosage forms with an increased likelihood of improved compliance for certain product indications and patient populations, solid dosage forms are developed that can be ingested simply by placing them in the oral cavity, e.g. on the tongue. The products are designed to disintegrate rapidly on contact with saliva, thus eliminating the need to chew the tablet, swallow an intact tablet, or take the tablet with any liquids [7, 8, 9].

A fixed dose combination is a pharmaceutical preparation which contains one or more active pharmaceutical ingredients combined in a single dosage form presented in certain fixed doses. Typically, these fixed dose combination drug products offer benefits over the individually dosed single dose preparations, e.g. efficacy, dose reduction, ease of administration, safety, convenience, compliance.

A known fixed dose combination for the treatment of pain is the triple combination of acetylsalicylic acid, acetaminophen and caffeine. A triple combination of the above ingredients is also listed as a drug product with specifications within USP 31; the monograph is entitled "Acetaminophen, Aspirin and Caffeine Tablets"

[1]-

Acetylsalicylic acid, also known as aspirin (USAN), is 2[acetoxy]benzoic acid, C₉H₈O₄, with a molecular mass of 180.157 crystalline powder. Acetylsalicylic acid is slightly soluble in water, freely soluble in alcohol and soluble in chloroform and ether in air but hydrolyses in contact with moisture to acetic and salicylic acids. Its pK_a-value is 3.49. Acetylsalicylic acid exhibits:

Acetylsalicylic acid has a slightly bitter and pronounced acidic taste. Acetylsalicylic acid is used as an analgesic to relieve pain and inflammation. Due to its anti-clotting effect acetylsalicylic acid (aspirin) is also indicated in long-term

Acetaminophen (USAN), also termed paracetamol, is N-[4-hydroxyphenyl]acetamide, C₈H₉NO₂, with a molecular mass of 151.15 which is sparingly soluble in water, soluble 1 in 20 of boiling water, and in 1 in 10 of alcohol. The compound is very slightly soluble in ether and in methylene chloride. The compound has a pronounced bitter taste. The drug substance is widely used as analgesic compound and antipyretic medication. In combination with non-steroidal anti-inflammatory drugs or opioid analgesics, acetaminophen is used also in the management of more severe pain [2].

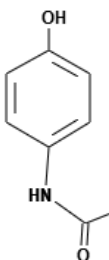
Caffeine, which is 1,3,7-trimethyl-1H-purine-2,6[3H,7H]-dione, C₈H₁₀N₄O₂, with a molecular mass of 194.19 g/mol. Caffeine, CAS 58-08-2, appears as odourless, white needles or powder, which sublime readily. Caffeine is sparingly soluble in water and freely soluble in boiling water and in chloroform. Caffeine is slightly soluble in dehydrated alcohol and in ether. Its pK_a-value is in the order of 0.6. The compound has a pronounced, long lasting, distinct bitter taste [2].

Drug products comprising these active ingredients in a certain ratio are known for decades, e.g. in 1946 Germany's Dr. Karl Thomae GmbH developed Thomapyrin[®] and Bristol-Myers Squibb introduced its Excedrin[®] Extra Strength within the United States within the early 60ties. Both products are non-prescription, over-the-counter pain relievers [3, 4].

The current German Thomapyrin[®] drug product (Thomapyrin[®] classic) comprises 250 mg acetylsalicylic acid, 200 mg acetaminophen and 50 mg caffeine. The current marketed drug product is formulated as an immediate release tablet.

Immediate release Excedrin Extra Strength for the US market comprises 250 mg acetylsalicylic acid, 250 mg acetaminophen and 65 mg caffeine. In contrast to the European product, the US preparation contains slightly higher drug substance loads for acetaminophen and caffeine, i.e. 50 mg and 15 mg, respectively. In addition, the US product is formulated as film-coated tablet instead of a plain tablet.

Paracetamol



salicylic acid, CAS 50-78-2, appears as colourless or white crystals or white powder. Salicylic acid should be stored in airtight containers. The compound is stable in air but hydrolyses in contact with moisture to acetic and salicylic acids. Its pK_a-value is 3.49. Acetylsalicylic acid exhibits:

Acetylsalicylic acid has a slightly bitter and pronounced acidic taste. Acetylsalicylic acid is used as an analgesic to relieve pain and inflammation. Due to its anti-clotting effect acetylsalicylic acid (aspirin) is also indicated in long-term

Acetaminophen (USAN), also termed paracetamol, is N-[4-hydroxyphenyl]acetamide, C₈H₉NO₂, with a molecular mass of 151.15 which is sparingly soluble in water, soluble 1 in 20 of boiling water, and in 1 in 10 of alcohol. The compound is very slightly soluble in ether and in methylene chloride. The compound has a pronounced bitter taste. The drug substance is widely used as analgesic compound and antipyretic medication. In combination with non-steroidal anti-inflammatory drugs or opioid analgesics, acetaminophen is used also in the management of more severe pain [2].

Example formula searching

- 4-(3-chloro-2-fluoroanilino)-7-methoxy-6-((1-(N-methylcarbamoylmethyl)piperidin-4-yl)oxy)quinazoline

Search type
Compound name



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

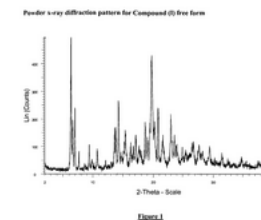
4-[3-chloro-2-fluoroanilino]-7-methoxy-6-[[1-[N-methylcarbamoylmethyl]piperidin-4-yl]oxy]quinazoline

1. **2303276** FUMARATE SALT OF 4-[3-CHLORO-2-FLUOROANILINO]-7-METHOXY-6-[[1-[N-METHYLCARBAMOYLMETHYL]PIPERIDIN-4-YL]OXY]QUINAZOLINE

EP - 06.04.2011


Int.Class A61K 31/517  Appl.No 09746098 Applicant ASTRAZENECA AB Inventor BOARDMAN KAY ALISON

4-[3-chloro-2-fluoroanilino]-7-methoxy-6-[[1-[N-methylcarbamoylmethyl]piperidin-4-yl]oxy]quinazoline difumarate, pharmaceutical compositions containing the difumarate, the use of the difumarate in the treatment of hyperproliferative disorders such as cancer and processes for the manufacture of the difumarate are described.



2. **20120108814** PROCESS FOR THE PREPARATION OF 4-[3-CHLORO-2-FLUOROANILINO]-7-METHOXY-6-[[1-[N-METHYLCARBAMOYLMETHYL]PIPERIDIN-4-YL]OXY]QUINAZOLINE

US - 03.05.2012

Int.Class C07D 239/72  Appl.No 13264217 Applicant Boardman Kay Alison Inventor Boardman Kay Alison

Processes for the preparation of 4-[3-chloro-2-fluoroanilino]-7-methoxy-6-[[1-[N-methylcarbamoylmethyl]piperidin-4-yl]oxy]quinazoline, salts thereof, and the intermediates used in the process are described.

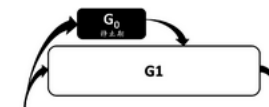


3. **109562176** COMBINATIONS FOR THE TREATMENT OF NEOPLASMS USING QUIESCENT CELL TARGETING AND EGFR INHIBITORS

CN - 02.04.2019

Int.Class A61K 45/06  Appl.No 201780037696.7 Applicant FELICITEX THERAPEUTICS INC Inventor VILENCHIK MARIA

The present invention provides compositions and methods for the treatment of neoplasms, in particular, by targeting of quiescent cancer cells with therapeutic agents in combination with other treatments effective against certain neoplastic conditions, in particular, anti-cancer treatment with EGFR inhibitor agents.



Example: Ritonavir

Convert structure

Structure editor

SubStructure

Upload structure

Search type

Compound name

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

ritonavir

Search for scaffold

Offices

All

Res

ANALYSIS

Close

Filters Charts

Countries		Offices		Applicants		Inventors		IPC code		Publication Dates		Filing Dates	
United States of America	10,331	United States of America	12,606	Human Genome Sciences, Inc.	366	Ruben Steven M.	328	A61K	22,637	1994	1	1993	5
PCT	6,805	Japan	7,231	HUMAN GENOME SCIENCES, INC.	336	Rosen Craig A.	309	A61P	11,272	1995	6	1994	7
Japan	4,047	PCT	6,805	BRISTOL-MYERS SQUIBB COMPANY	290	RUBEN, Steven, M.	249	C07D	9,524	1996	29	1995	44
China	2,759	China	4,132	ROSEN, Craig, A.	248	ROSEN, Craig, A.	248	C07K	4,565	1997	51	1996	66
European Patent Office	1,893	European Patent Office	2,381	RUBEN, Steven, M.	249	Ni Jian	157	C12N	3,188	1998	111	1997	184
Republic of Korea	768	Republic of Korea	2,053	ROSEN, Craig, A.	248	Shi Yanggu	92	C12Q	1,833	1999	145	1998	281
Eurasian Patent Organization	509	Canada	1,375	ASTRAZENECA AB	239	Ebner Reinhard	88	G01N	1,765	2000	392	1999	368
Russian Federation	268	India	1,068	Gilead Sciences, Inc.	219	Moore Paul A.	82	C07C	1,459	2001	540	2000	876
		Eurasian Patent Organization	1,056	NOVARTIS AG	195	BARASH, Steven, C.	70	C07H	1,426	2002	902	2001	890
		Russian Federation	874	MERCK SHARP & DOHME CORP.	191	NI, Jian	69	C12P	1,057	2003	1,113	2002	1,095
		Mexico	804	AbbVie Inc.	189	Meanwell Nicholas A.	68	A01N	974	2004	1,014	2003	1,130
						Barash Steven C.	67	C07F	786	2005	1,212	2004	1,284
								A61I	522	2006	1,222	2005	1,600

Patent landscape Report on Ritonavir-

- Ritonavir is an antiretroviral drug from the protease inhibitor class used to treat HIV infection and AIDS. Ritonavir is included in the WHO Model List of Essential Medicines (EML)1.
- The originator company is Abbott Laboratories, which markets Ritonavir under the brand name Norvir, or in combination with the protease inhibitor Lopinavir, as Kaletra or Aluvia. **The U.S. Food and Drug Administration (FDA) approved the drug in March 1996 for oral solution and in June 1999 for capsules.**

http://www.wipo.int/edocs/pubdocs/en/patents/946/wipo_pub_946.pdf

Sub-structure search – the concept

- Identification of elements in larger structures

Substructure search

Convert structure	Structure editor	SubStructure	Upload structure
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Search type
Compound name

type an accepted name, commercial name, CAS name, IUPAC name
copanlisib

Search for scaffold

Offices
All

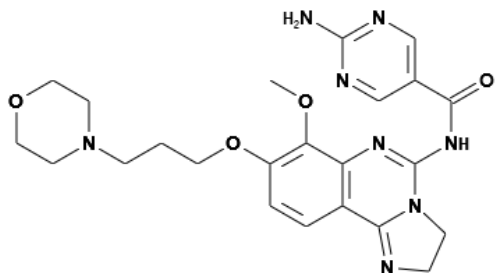
Reset Show in editor Exact Structure Search

Convert structure

Structure editor

SubStructure

Upload structure



InChI: InChI=1S/C23H28N8O4/c1-33-19-17[35-10-2-6-30-8-11-34-12-9-30]4-3-16-18[19]28-23[31-7-5-25-20[16]31]29-21[32]15-13-26-22[24]27-14-15/h3-4,13-14H,2,5-12H2,1H3,[H2,24,26,27][H,28,29,32]

InChiKey: PZBCKZWLPGJMAO-UHFFFAOYSA-N

Molecular Formula: C23H28N8O4

Molecular Weight: 480.5278 G/mol

Search for scaffold

Offices

All

Reset

Substructure Search

Exact Structure Search

Evaluate

[1 of 1]



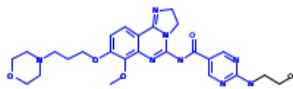
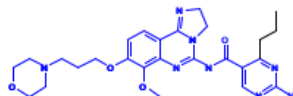
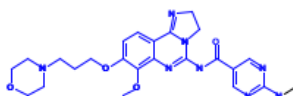
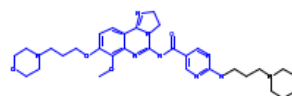
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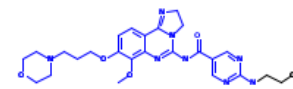
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[1 of 1]



1



24

 Search for scaffold

Offices

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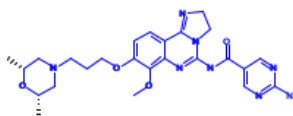
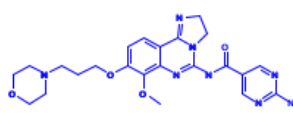
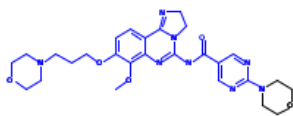


Reset

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Select all

Search

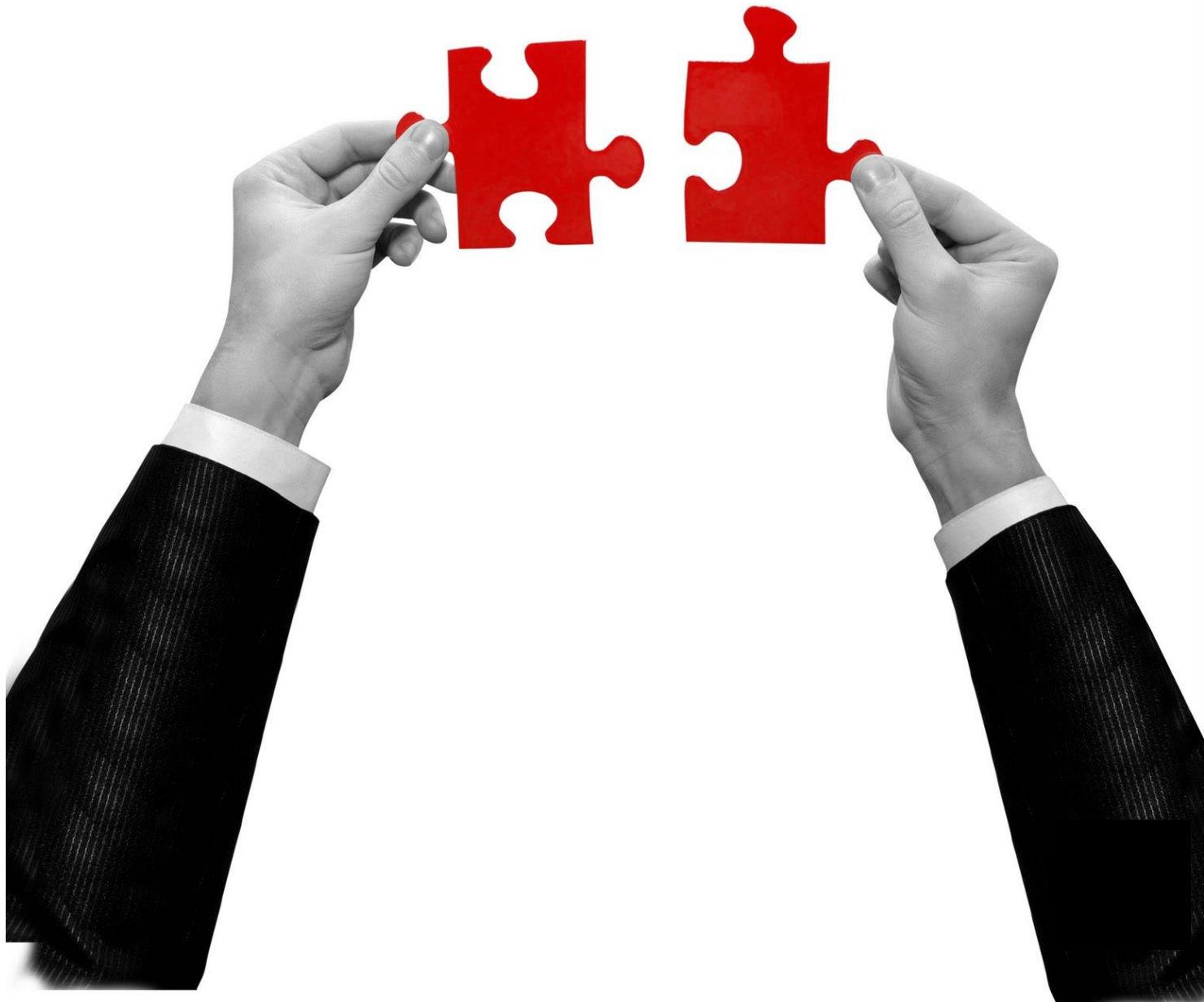
NZOFGIMATUBYTC-
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UHFFFAOYSA-NZIDFUBHWWUXLRT-
UHFFFAOYSA-N[Show more...](#)

Restrict to the *claims* field

- CHEM:(Inchikey BEFORE10000 description)

Can I search?

- Stereoisomer
- Monomer
- Enantiomer
- CAS name
- Polymer, Poly(vinyl alcohol)
- Inorganic cluster
- Metal-organic framework
- Transformable into InChI reactions
- Reaction search
- DNA sequence listing
- Reaction search



Result combination

- Combine search with chemical structure search
- Combine search with CLIR

For queries with compounds

EN_ALL:aspirin AND DP:[2016 TO 2019]

19,637 results Offices All Language All Stemming True

Analysis Sort: Relevance Per page: 10

Page 1 / 1,964

Machine translation View: All+Image Download

1. [20180296577](#) PRODUCTION OF **ASPIRIN**-TRIGGERED RESOLVINS WITHOUT THE USE OF **ASPIRIN** IN A DIETARY OMEGA-3 SUPPLEMENT

US - 18.10.2018

Int.Class A61K 31/618 Appl.No 15951755 Applicant Performance Labs PTE. LTD. Inventor Daniel Gubler

The present invention includes a composition and method of producing **aspirin** in situ, the method comprising: identifying a subject in need of **aspirin** or **aspirin**-like compounds; and providing the subject with a composition comprising: a source of methyl salicylate, an acetyl donor, and L-Arginine, wherein the composition is effective to produce **aspirin**-triggered resolvins in the subject without the deleterious effect of the **aspirin** or **aspirin**-like compounds in the stomach.

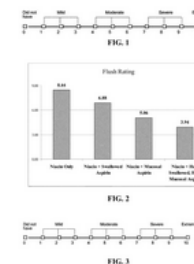


2. [20170216320](#) **ASPIRIN** FORMULATION FOR INCREASED EFFICACY

US - 03.08.2017

Int.Class A61K 31/616 Appl.No 15401912 Applicant Vitalis LLC Inventor Joseph Habboushe

Provided are methods for enhancing the efficacy of **aspirin**. Also provided are methods for reducing pain or preventing or treating heart attack, stroke or blood clot in a subject in need thereof. The methods entail orally administering to the subject a first composition comprising a first amount of **aspirin**, and a second composition comprising a second amount of **aspirin**, wherein the first composition is formulated so as to, upon administration, disintegrate or dissolve intraorally providing rapid release of the **aspirin** of the first composition in the subject, and wherein the second composition is formulated to be substantially more difficult than the first composition to disintegrate or dissolve intraorally but is ingestible and releasable in the gastrointestinal track of the subject. The method can further include administering to the subject a painkiller or an agent suitable for treating a cardiovascular disease or condition.



3. [WO/2018/191505](#) PRODUCTION OF **ASPIRIN**-TRIGGERED RESOLVINS WITHOUT THE USE OF **ASPIRIN** IN A DIETARY OMEGA-3 SUPPLEMENT

WO - 18.10.2018

Chemical compounds search

[\[Help\]](#)

Structure editor

Convert structure

Upload structure

Compound name



aspirin

Search

Show in editor

Reset

Search for scaffold:

Office: PCT, Americas [Specify](#) ⇌

Tooltip Help

✓
CHEM:(BSYNRYMUTXBXSQ-UHFFFAOYSA-N) AND DP:[2016 TO 2019]

Query Assistant [Query Examples](#)

CHEM:(BSYNRYMUTXBXSQ-UHFFFAOYSA-N) AND DP:[2016 TO 2019]



33,396 results

Offices All Language All Stemming True



Analysis Sort: **Relevance** Per page: 10

Page 1 / 3,340

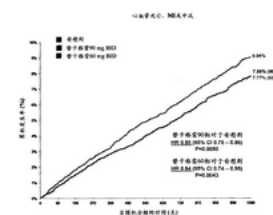
Machine translation View: **All+Image** Download

1. **107530363** METHOD OF TREATING OR PREVENTION OF ATHEROTHROMBOTIC EVENTS IN PATIENTS WITH HISTORY OF MYOCARDIAL INFARCTION

CN - 02.01.2018

Int.Class A61K 31/616 Appl.No 201680007249.2 Applicant ASTRAZENECA AB Inventor STOREY ROBERT

The present disclosure relates to methods for reducing the rate of cardiovascular death, myocardial infarction, or stroke in a patient in recognized need thereof, comprising administering to the patient a pharmaceutical composition comprising 60 mg ticagrelor twice daily.

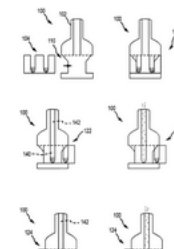


2. **105473133** DRY POWDER FORMULATIONS AND METHODS OF USE

CN - 06.04.2016

Int.Class A61K 9/72 Appl.No 201380077562.X Applicant OTITOPIC INC. Inventor YADIDI KAMBIZ

The subject technology relates generally to pulmonary delivery of NSAIDs, such as aspirin.



Combining with CLIR

CROSS LINGUAL EXPANSION ▾

Search terms... *

|

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_ALLTXT:"electric bicycle" AND DP:[2015 TO 2019]

Query Assistant Query Examples

EN_ALLTXT:"electric bicycle" AND DP:[2015 TO 2019]



6,599 results Offices All Language All Stemming True



Analysis Sort: **Relevance** Per page: 10

Page 1 / 660

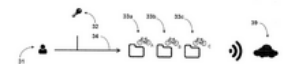
Machine translation View: **All+Image** Download

1. **20180127040** **ELECTRIC BICYCLE**

US - 10.05.2018

Int.Class B62H 5/10 Appl.No 15695586 Applicant Komiya Yuki Inventor CBDL Patentanwälte

The disclosure relates to an **electric bicycle**. The **electric bicycle** comprises an electric motor for at least temporarily assisting or replacing a pedal operation. Assigned to the **electric bicycle** are at least two keys equipped with different rights, which differ from each other with respect to operating modes of the **electric bicycle** permitted in conjunction with a relevant key. One of the keys is an administrator key equipped with expanded rights. The expanded rights of the administrator key aids to provide a determination from a plurality of particular operating modes implementable for each of a remaining key from the at least two keys.

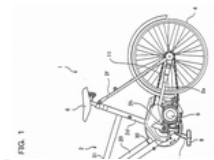


2. **3266693** **ELECTRIC BICYCLE**

EP - 10.01.2018

Int.Class B62M 6/90 Appl.No 15883863 Applicant PANASONIC IP MAN CO LTD Inventor OGAWA MITSURU

An **electric bicycle** can increase intervals between connecting terminals and reduce a force for installing a battery unit. The **electric bicycle** includes a battery unit 20 detachably installed into a battery installation portion 30 provided on the body of the **electric bicycle**. The battery installation portion 30 and the battery unit 20 include a plurality of connecting terminals 24 and 35 connected to each other. When being installed into the battery installation portion 30, the battery unit 20 is pivoted about a pivot axis 33b. The connecting terminals 24 and 35 of the battery unit 20 and the battery installation portion 30 are disposed in a plurality of rows at different distances from the pivot axis 33b.



Search terms... *

"electric bicycle"]

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]

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12,781 results Offices All Language All Stemming True



FULL QUERY

Close

Edit

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ZH_ALL:电动自行车" OR EN_ALL "electric bicycle" AND DP:[2016 TO 2019]

Query Assistant [Query Examples](#)

(ZH_ALL:"电动自行车" OR EN_ALL: "electric bicycle")AND DP:[2016 TO 2019]

Query Assistant Query Examples

(ZH_ALL:"电动自行车" OR EN_ALL: "electric bicycle")AND DP:[2016 TO 2019]



16,500 results Offices All Language All Stemming True



Analysis Sort: **Relevance** Per page: 10

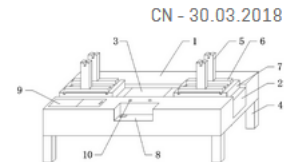
Page 1 / 1,650

Machine translation View: **All+Image** Download

1. **207158696** ELECTRIC BICYCLE ASSEMBLY DEVICE

Int.Class B66F 7/08 Appl.No 201720709361.2 Applicant TIANJIN TAIER ELECTRIC BICYCLE CO., LTD. Inventor LI LIANGBIN

The utility model discloses an electric bicycle assembly device, including device body and backup pad, install the spliced pole in the middle of the device body, the elevating platform is installed to spliced pole left and right sides symmetry, the elevating platform includes crossbar, electric controller, hydraulic telescoping rod, draw-in groove, hydraulic pump and slider, the lifter plate is installed to the inside upper end of elevating platform, the welding of lifter plate bottom has the base, the elevating platform upper end is provided with the backup pad, the removal limiting plate is installed to the backup pad upper end, the welding restriction is put up in the middle of removing the limiting plate upper surface, the bottom four corners welding of device body has the stabilizer blade, the device body is the middle storage area that is provided with openly, the storage area left side is provided with the toolbox. This electric bicycle assembly device simple structure can fix the different specification electric bicycle that need the equipment, can adjust the height in assembly process, makes things convenient for the operator to assemble, and the function is practical.

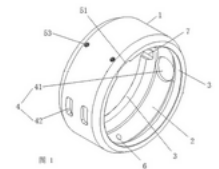


2. **WO/2018/209895** BOTTOM BRACKET OF ELECTRIC BICYCLE AND ELECTRIC BICYCLE

Int.Class B62K 19/18 Appl.No PCT/CN2017/108229 Applicant TAICANG YUEBO ELECTRIC TECHNOLOGY CO., LTD. Inventor GAO, Feng

A bottom bracket of an electric bicycle and the electric bicycle using same. The bottom bracket comprises a body [1] with a cylindrical inner wall; the diameters of two ends of the inner wall are less than the diameter of the middle part of the inner wall, so that the middle part of the inner wall peripherally forms a wiring channel [2], and each of the two ends forms a check ring [3]; a connecting hole [4] is further formed in the body [1]; and the connecting hole [4] communicates the wiring channel [2] with the outer wall of the body [1]. The bottom bracket of the electric bicycle can be widely applied to the electric bicycle, hiding of a power line, a signal line [12] and so on of the electric bicycle is realized, the service life of the electric bicycle is prolonged, and the riding experience of the electric bicycle is improved.

WO - 22.11.2018



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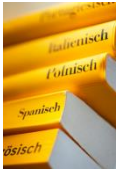
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[TEXT] Textile & Clothing Industries
[TRAN] Transportation

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AUTO-Automotive & Road Vehicle Engineering ▾

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

Edit translation

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本发明公开了一种多用途的园林维护设备,其结构包括移动维修机,轮胎,滚轴,底盘,开关控制器,推把;为了实现多用途的园林维护设备能够实现打药和洒水并且移动方便,可以修枝剪叶清理地面杂草和落叶,移动维修机下设有轮胎,便于移动,驱动机构可以带动剪切机构对园林的植物进行修枝剪叶,通过地面清理装置能够将地面的杂草和落叶收集到垃圾收集框内,洒水装置配合注水室可以将药水直接滴注到植物上,推动柱带动洒水机构能够对地面进行洒水,提高了工作效率。

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the invention discloses a multipurpose garden maintenance device which structurally comprises a mobile maintenance machine, a rolling shaft, a chassis, a switch controller and a push handle; in order to realize multi-purpose garden maintenance equipment, insecticide and watering can be realized, and the multifunctional garden maintenance equipment is convenient to move., the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and a tire is arranged below the mobile maintenance machine, and the driving mechanism can drive the shearing

Choose among proposals, or edit the text

the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and a tire is arranged below the mobile maintenance machine ...

Ok

the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and a tire is arranged below the mobile maintenance machine

the pruning blade can be used for cleaning the ground weeds and the fallen leaves, and a tire is arranged below the mobile maintenance machine

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the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and the tire is arranged below the mobile maintenance machine

the pruning blade can be used for cleaning the ground weeds and the fallen leaves, and a tire is arranged below the movable maintenance machine

the pruning blade can be used for cleaning ground weeds and fallen leaves, and a tire is arranged below the mobile maintenance machine

the pruning blade can be used for cleaning the ground weeds and the fallen leaves, and a tire is arranged under the movable maintenance machine

the pruning shears can be used for clearing away weeds and fallen leaves on the ground, and a tire is arranged below the mobile maintenance machine

the pruning shears can be used for cleaning the ground weeds and the fallen leaves, and a tire is arranged below the mobile maintenance machine

the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and a tire is arranged below the mobile maintenance machine

the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and the tire is arranged under the mobile maintenance machine

the pruning blade can be used for clearing away weeds and fallen leaves on the ground, and a tire is arranged below the movable maintenance machine

the pruning shears can be used for cleaning the ground weeds and the fallen leaves, and a tire is arranged under the mobile maintenance machine

the pruning blade can be used for cleaning ground weeds and fallen leaves, and a tire is arranged under the mobile maintenance machine

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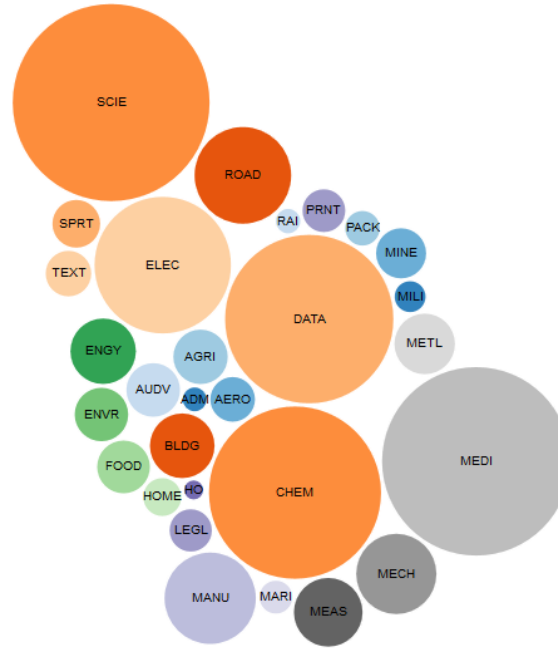
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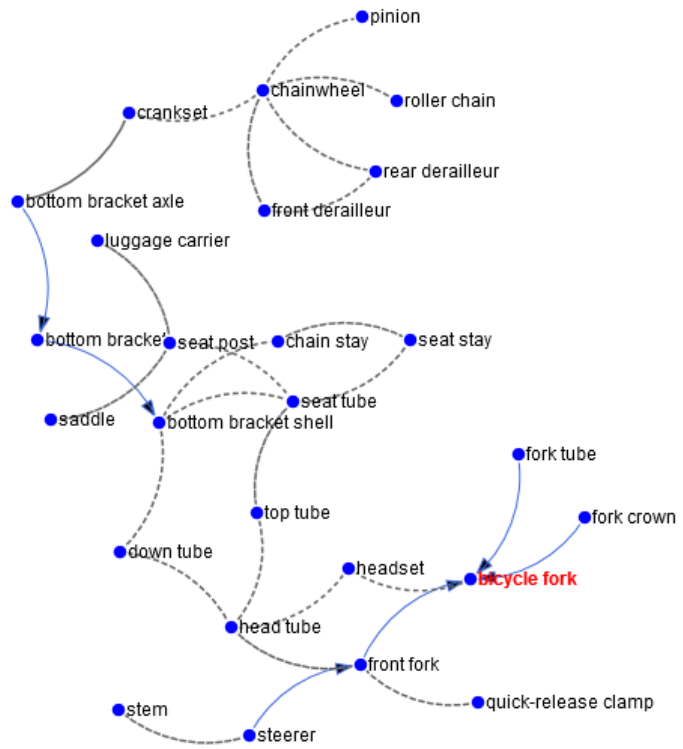
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H04L 29/06	45	38	40	54	47	224	-7	+2.75	<input type="checkbox"/>	
H02J 7/00	12	26	14	23	41	116	+18	+22.25	<input type="checkbox"/>	
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A61K 39/00	8	7	11	11	37	74	+26	+27.75	<input type="checkbox"/>	
G06K 9/00	33	30	21	33	36	153	+3	+6.75	<input type="checkbox"/>	
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A61K 39/395	20	24	19	32	29	124	-3	+5.25	<input type="checkbox"/>	
H01L 51/50	22	23	28	23	28	124	+5	+4.00	<input type="checkbox"/>	
G06F 3/01	21	33	23	15	28	120	+13	+5.00	<input type="checkbox"/>	
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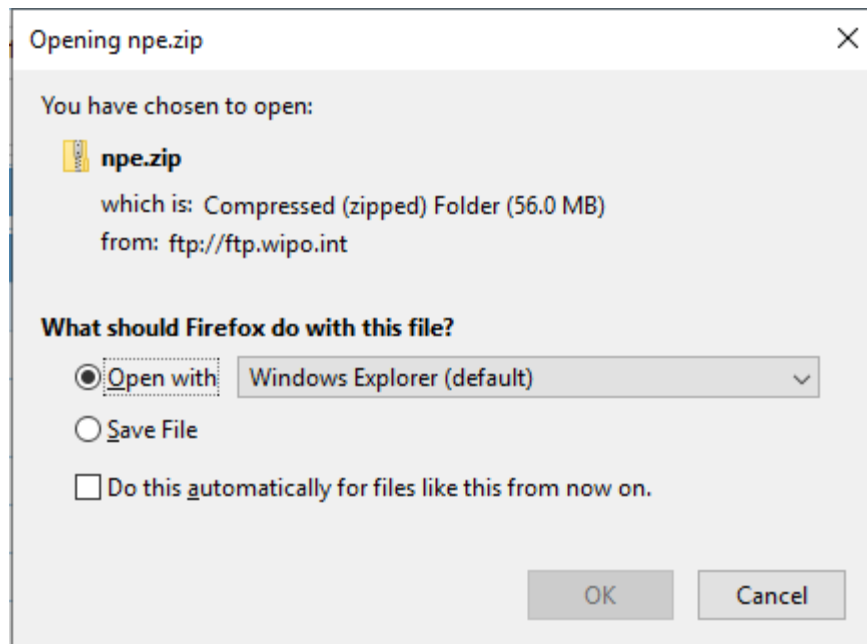
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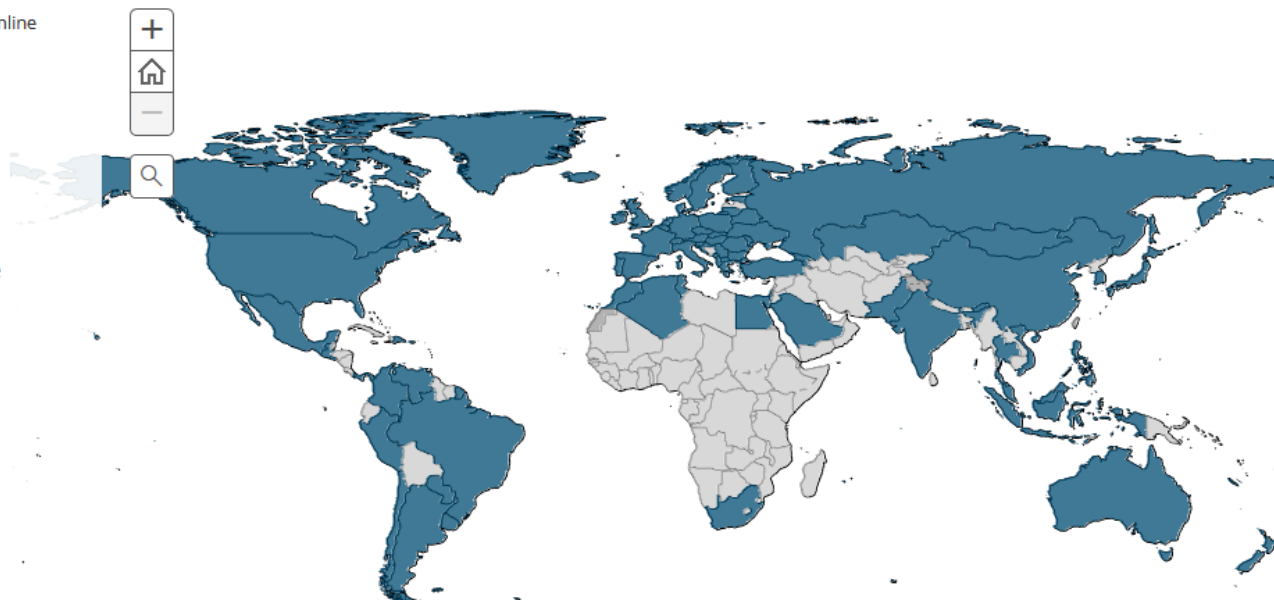
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- [Feedback&Contact](#)
- [INID codes](#)
- [Kind codes](#)

PATENTSCOPE NEWS

- [New in PATENTSCOPE: Chemical Sub-Structure Search](#) [Sep 19, 2019]
- [The New PATENTSCOPE Interface](#) [Sep 18, 2019]
- [Webinar On Upcoming New PATENTSCOPE Interface](#) [Sep 9, 2019]
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- [Latvian and Lithuanian Data Now Available in Patentscope](#) [Jul 11, 2019]

HOW TO SEARCH

- [User Guide PATENTSCOPE](#)
- [User Guide: ChemSearch](#)
- [Query Syntax](#)
- [Fields Definition](#)
- [Country Code](#)

DATA COVERAGE

Coverage: what is included?



NATIONAL COLLECTIONS - DATA COVERAGE

Last Update: 19.09.2019

[Offices for which PCT national phase information is available](#)

Country	Biblio Data	Abstract	Doc images	OCR (full-text) Indexed	Nb records
PCT	19.10.1978 - 19.09.2019	19.10.1978 - 19.09.2019	3,622,003	Total: 3,617,851 English: 2,123,190 French: 126,452 Spanish: 25,413	3,622,003

	Document/Data Type	Availability, based on International Filing Date	Notes
	Latest bibliographic data available to the International Bureau International Application Status Report Published PCT international applications in image format. Text of description and claims for applications published in: - English, French, German, Spanish or Russian - Japanese Priority documents Declarations [PCT Rule 4.17]	1978 to present July 1998 to present 1978 to present 1978 to present July 2008 to present January 2001 to present March 2001 to present 2002 to December 2003 2004 to July 2014	For more information on the data format, please visit: http://patentscope.wipo.int/search/en/data_formats.jsf Documents are only available after 30 months from the first priority date and if at least one elected Office has requested the International Bureau to make these documents available on its behalf under PCT Rule 94.1(c). Documents are only available after 30 months from the first priority date.
African Regional Intellectual Property Organization [ARIPO]	03.07.1985 - 28.07		

PCT NATIONAL PHASE ENTRY INFORMATION

Since July 1, 2017, designated Offices have been required to notify the International Bureau of information concerning international applications which enter the national phase at their Office.

Display of information in the National Phase tab of PATENTSCOPE for an office indicates that the applicant requested national phase processing for the application concerned in that office. The national entry date and national reference number are supplied by the national office concerned and can be used to retrieve further details from that office, if desired. Please note that absence of information for a given office does not necessarily indicate a non-entry in that office.

While the supply of information has improved since the requirement entered into force, the information is therefore updated at different frequencies.

More information on the [requirement and supply of national phase entry information](#)

Last Update: 24.10.2017

Updated: September 19, 2019

Country
African Regional Intellectual Property Organization [ARIPO]
Algeria
Angola

Data coverage for OPD services

EPO	Patent applications filed on 01.06.1978 and onwards
JPO	Patent applications filed on 01.06.1978 and onwards
CA	Patent applications published since 01.01.2008 Note: Only limited sets of documents are available [examination reports and search reports] for applications published between January 2008 and September 2015.
AU	Patent applications filed after 2006
US	Patent application filed on Jan 1, 2003 and onwards. Prior to 2003, applications are available on a case by case basis.

Soon to come: KIP0, SIPO

SETTINGS

Reset

Close

Save

Query

Office

Result

Interface

Others

Query Language
All

Sort by:
Relevance

List Length
10

Stem

Query	Office	Result	Interface	Others
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Result List Language Query Language	▼	Result List View All	▼
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Analysis type Table	▼	<input checked="" type="checkbox"/> Countries
Analysis graph bar	▼	<input type="checkbox"/> Offices
No of Items/Group 32	▼	<input checked="" type="checkbox"/> Applicants
		<input checked="" type="checkbox"/> Inventors
		<input checked="" type="checkbox"/> IPC code
		<input checked="" type="checkbox"/> Publication Dates
		<input checked="" type="checkbox"/> Filing Dates

Download Fields

- Application Number
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- Publication Numer
- Publication Date
- Country Code
- Title
- Abstract
- IPC
- Applicants
- Inventors
- Image

Query	Office	Result	Interface	Others
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Result List Language
Query Language

Result List View
All

Analysis tab open

Analysis type
Table

Analysis graph
bar

No of Items/Group
32

Group by *

- Countries
- Offices
- Applicants
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- Country Code
- Title
- Abstract
- IPC
- Applicants
- Inventors
- Image

1. **1931437** GOLF PITCH MARK REPAIRER


Int.Class A63B 57/00  Appl.No 06779648 Applicant NORTHCROFT GOLF LTD Inventor BAILEY KEVIN

A golf pitch mark repairer [101] is adapted to be removably retained on an extremity of a golf club, thereby allowing a golfer to utilise the reach afforded by the golf club to facilitate repair of the pitch mark. The pitch mark repairer [101] comprises a sleeve [103] for receiving the golf club extremity, and a retaining mechanism in the form of resilient tabs [111a, 111b] adapted to resist movement of the golf club relative to the pitch mark repairer [101]. The golf club extremity is inserted with a sliding collar [117] positioned towards closed end [105] of sleeve [103]. The sleeve [103] comprises windows [116a, 116b] through which respective portions of resilient tabs [111a, 111b] are urged to protrude outwardly when the golf club extremity is inserted. Thereafter the sliding collar [117] is engaged by sliding it along the sleeve [103] towards its open end [107]. This acts to urge tabs [111a, 111b], and in particular respective valley portions [114a, 114b] thereof, into tighter engagement with the putter handle, resulting in a strong grip on the putter handle.

EP - 18.06.2008

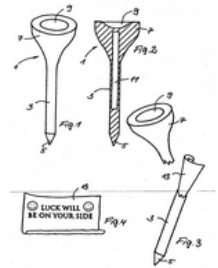


2. **1438107** GOLF-TEE

Int.Class A63B 57/00  Appl.No 02782743 Applicant ECKERT CHRISTIAN Inventor ECKERT CHRISTIAN

The invention concerns a golf-tee containing an object placed in a cavity [11], said object being in particular an input and output medium [13].

EP - 21.07.2004

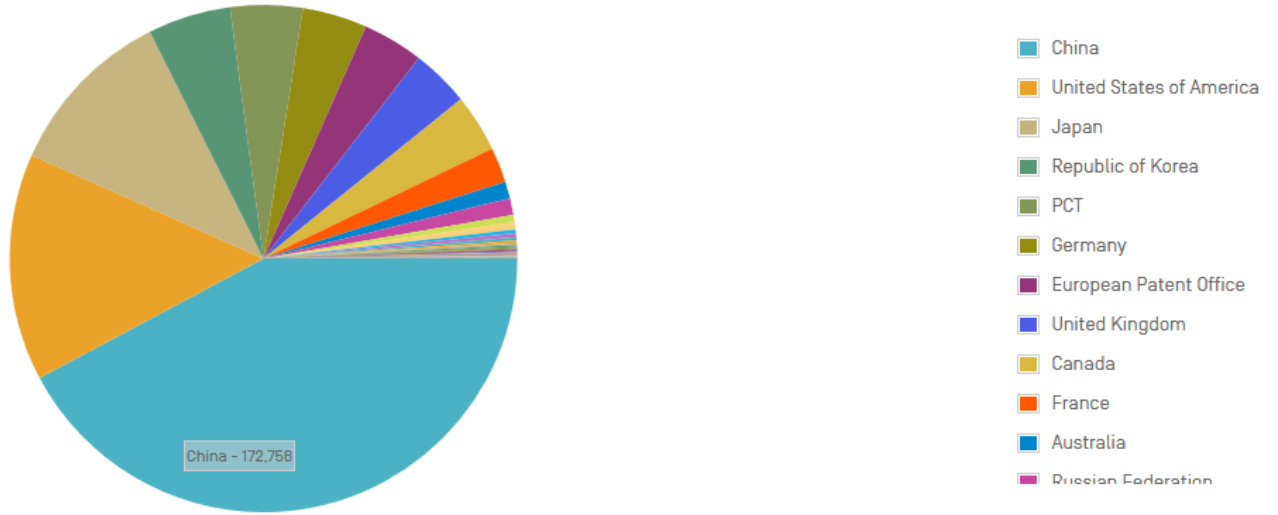


Query	Office	Result	Interface	Others
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Result List Language Query Language	▼	Result List View All	▼
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Analysis graph bar	▼	<input type="checkbox"/> Offices	
No of Items/Group 32	▼	<input checked="" type="checkbox"/> Applicants	
		<input checked="" type="checkbox"/> Inventors	
		<input checked="" type="checkbox"/> IPC code	
		<input checked="" type="checkbox"/> Publication Dates	
		<input checked="" type="checkbox"/> Filing Dates	

Download Fields
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<input checked="" type="checkbox"/> Inventors
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Query	Office	Result	Interface	Others
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Result List Language Query Language	▼	Result List View All	▼
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Analysis graph bar	▼		
No of Items/Group 32	▼		

Download Fields
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<input checked="" type="checkbox"/> Publication Date
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<input checked="" type="checkbox"/> Abstract
<input checked="" type="checkbox"/> IPC
<input checked="" type="checkbox"/> Applicants
<input checked="" type="checkbox"/> Inventors
<input checked="" type="checkbox"/> Image

ANALYSIS

Close

- Filters
- Charts

Countries		Offices		Applicants		Inventors	
China	172,756	China	176,143	HITACHI LTD	3,524	THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED	745
United States of America	59,296	United States of America	64,857	HYUNDAI MOTOR COMPANY	3,145	WANG WEI	603
Japan	44,725	Japan	49,435	mitsubishi electric corp	2,799	LI JUN	387
Republic of Korea	21,616	Republic of Korea	23,932	PEUGEOT CITROEN AUTOMOBILES SA	1,847	WANG LEI	375
PCT	18,846	PCT	18,846	TOSHIBA ELEVATOR CO LTD	1,830	ZHANG WEI	364
Germany	16,870	Germany	18,248	TOYOTA MOTOR CORP	1,807	ZHANG LEI	347
European Patent Office	15,873	European Patent Office	17,946	HITACHI CAR ENG CO LTD	1,782	LI WEI	346
United Kingdom	15,148	Canada	16,150	HONDA MOTOR CO LTD	1,595	LIU WEI	342

Query	Office	Result	Interface	Others
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Result List Language Query Language	▼	Result List View All	▼
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<input type="checkbox"/> Analysis tab open		Group by *	
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Analysis graph bar	▼	<input type="checkbox"/> Offices	
No of Items/Group 32	▼	<input checked="" type="checkbox"/> Applicants	
		<input checked="" type="checkbox"/> Inventors	
		<input checked="" type="checkbox"/> IPC code	
		<input checked="" type="checkbox"/> Publication Dates	
		<input checked="" type="checkbox"/> Filing Dates	

Download Fields
<input checked="" type="checkbox"/> Application Number
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<input checked="" type="checkbox"/> Publication Date
<input checked="" type="checkbox"/> Country Code
<input checked="" type="checkbox"/> Title
<input checked="" type="checkbox"/> Abstract
<input checked="" type="checkbox"/> IPC
<input checked="" type="checkbox"/> Applicants
<input checked="" type="checkbox"/> Inventors
<input checked="" type="checkbox"/> Image

Countries		Applicants		Inventors		IPC code		Publication Dates		Filing Dates	
China	172,756	HITACHI LTD	3,524	THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED	745	B60R	34,814	2018	66,811	2017	61,571
United States of America	59,296	HYUNDAI MOTOR COMPANY	3,145	WANG WEI	603	B66B	33,043	2017	42,507	2018	43,207
Japan	44,725	mitsubishi electric corp	2,799	LI JUN	387	B62D	19,485	2019	25,738	2016	41,547
Republic of Korea	21,616	PEUGEOT CITROEN AUTOMOBILES SA	1,847	WANG LEI	375	B60K	12,870	2016	22,013	2015	16,694
PCT	18,846	TOSHIBA ELEVATOR CO LTD	1,830	ZHANG WEI	364	B60N	12,687	2015	19,397	2014	11,152
Germany	16,870	TOYOTA MOTOR CORP	1,807	ZHANG LEI	347	B61D	12,444	2012	9,266	2012	8,868
European Patent Office	15,873	HITACHI CAR ENG CO LTD	1,782	LI WEI	346	B60J	11,152	2014	9,219	2010	8,842
United Kingdom	15,148	HONDA MOTOR CO LTD	1,595	LIU WEI	342	B60L	9,506	2001	8,889	2000	8,736
Canada	15,047	NISSAN MOTOR CO LTD	1,560	WANG JIAN	309	G08G	8,551	2002	8,699	2011	8,476
France	9,190			WANG JUN	309	B60S	8,335	2007	8,519	2001	8,442
						B60Q	7,820	2004	8,332	2003	8,377

SETTINGS

Reset

Close

Save

Query

Office

Result

Interface

Others

Default Search Form
Simple

Multiple Windows Interface

Expanded Query

Tooltip Help

IPC Tooltip Help

Instant Help

[More info](#)

Query

Office

Result

Interface

Others

Office

All

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

Bahrain

Bulgaria

China

Denmark

Estonia

Eurasian Patent Organization

European Patent Office

France

Georgia

Germany

Germany(DDR data)

Greece

India

Israel

Italy

Japan

Latvia

Lithuania

Portugal

Republic of Korea

Romania

Russian Federation

Russian Federation(USSR data)

SETTINGS

Reset

Close

Save

Query

Office

Result

Interface

Others

Keep me informed

FP:(biodegradable capsule)



269 results Offices All Language All Stemming True



Analysis

Sort: **Relevance** ▼ Per page: 10 ▼

Page 1/27 ▼

Machine translation ▼ View: **All** ▼ Download ▼

1. [WO/2019/086737](#) CAPSULE OF BIODEGRADABLE MATERIAL FOR METERING FERTILISER

WO - 09.05.2019

Int.Class [A01C 15/00](#) Appl.No PCT/ES2018/070696 Applicant GARCIA MERCADO, Rafael Inventor GARCIA MERCADO, Rafael

The invention relates to a capsule of biodegradable material for metering fertiliser, into which a dose of organic material is inserted, the capsule subsequently being inserted into the soil of farms or earth to be fertilised, so that the organic material releases its biological nutrients into the soil to make same more fertile. For this purpose, the capsule of biodegradable material gradually degrades upon contact with moisture. The capsule comprises a hollow main body [2] and a cover [3] that is inserted into the main body [2] and allows the capsule [1] to be closed, and both the main body [2] and the cover [3] can be made from biodegradable material.

2. [0946152](#) BIODEGRADABLE CAPSULE WITH A PROLAMIN BASE

EP - 06.10.1999

Int.Class [A61K 9/50](#) Appl.No 97952083 Applicant ISOCELL Inventor DUGAS BERNARD

The invention concerns a biodegradable capsule with a prolamin base. Said capsule consists of: a core containing at least an active principle; and a coating consisting of a prolamin film of vegetable origin.

3. [WO/1998/026766](#) BIODEGRADABLE CAPSULE WITH A PROLAMIN BASE

WO - 25.06.1998

Int.Class [A61K 9/48](#) Appl.No PCT/FR1997/002325 Applicant FRACTALES BIOTECH Inventor DUGAS, Bernard

ANALYSIS

Close

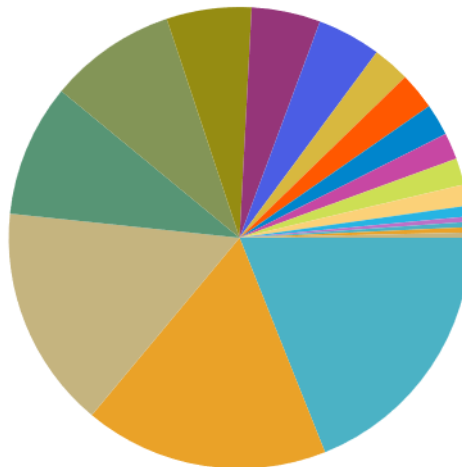
Filters Charts

Countries		Applicants		Inventors		IPC code		Publication Dates		Filing Dates	
China	51	University of Utah Research Foundation	7	Balamurali K. Ambati	4	A61K	113	2017	29	2016	26
PCT	46	BASF SE	6	Bruce K. Gale	4	B65D	40	2018	21	2009	21
United States of America	42	BIOREPLA CORPORATION	6	Srinivas Rao Chennamaneni	4	A61F	35	2011	17	2017	20
European Patent Office	25	INTEC PHARMA LTD.	5	CARNI, Giora	3	A61P	34	2010	15	2002	16
Republic of Korea	24	INSIGHT INNOVATIONS, LLC	3	CUEVAS, Kevin, H.	3	A01N	31	2004	14	2012	14
Australia	16	InSight Innovations, LLC	3	Cui Xiuhuan	3	A61L	21	2013	14	2003	13
Japan	12										
Canada											

Filters Charts



Countries Applicants Inventors IPC code Publication Dates Filing Dates



- China
- PCT
- United States of America
- European Patent Office
- Republic of Korea
- Australia
- Japan
- Canada
- France
- Russian Federation
- United Kingdom
- India

FP:(biodegradable capsule)



269 results Offices All Language All Stemming True



Analysis Sort: Relevance Per page: 10

Page 1/27

Machine translation View: All Download

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

- 10
- 50
- 100
- 200

MATERIAL FOR METERING FERTILISER

Applicant GARCIA MERCADO, Rafael Inventor GARCIA MERCADO, Rafael

metering fertiliser, into which a dose of organic material is introduced into the soil to make same more fertile. For this purpose, the material is introduced into the main body [2] and allows the capsule [1] to

APPLICANT ISOCELL INVENTOR DUGAS BERNARD

capsule with a prolamin base. Said capsule consists of: a core containing a

Machine translation

- WIPO Translate
- Google Translate
- Bing/Microsoft Translate
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- 100 results
- 10,000 results
- All Image
- Image
- Multi-columns

3. [WO/1998/026766](#) BIODEGRADABLE CAPSULE WITH A PROLAMIN BASE

Int.Class [A61K 9/48](#) Appl.No PCT/FR1997/002325 Applicant FRACTALES BIOTECH Inventor DUGAS, Bernard

WO - 25.06.1998

FP:(biodegradable capsule)



269 results Offices All Language All Stemming True



Analysis Sort: Relevance ▼ Per page: 10 ▼



Page
1 / 27 ▼



Machine translation ▼ View: All ▼ Download ▼

1. [WO/2019/086737](#) CAPSULE OF BIODEGRADABLE MATERIAL FOR METERING FERTILISER

WO - 09.05.2019

Int.Class [A01C 15/00](#) Appl.No PCT/ES2018/070696 Applicant GARCIA MERCADO, Rafael Inventor GARCIA MERCADO, Rafael

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WO - 25.06.1998

Int.Class [A61K 9/48](#) Appl.No PCT/FR1997/002325 Applicant FRACTALES BIOTECH Inventor DUGAS, Bernard

SAVE QUERY

Close

Save

Query Name *

Query Text *

FP:(biodegradable capsule)

Private Query

SAVED QUERIES

These are all queries saved in your PATENTSCOPE profile.
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Name	Search for	Offices	Sort by	Stem	Page	Size	Private	
Electric car	FP:(EN_TI:"electric car")	All	Relevance	<input type="checkbox"/>	1	10	<input checked="" type="checkbox"/>	
Wind turbine	EN_AB:"wind turbine"	All	Relevance	<input type="checkbox"/>	1	10	<input checked="" type="checkbox"/>	
Magnetic chip	EN_AB:"magnetic chip"	All	Relevance	<input type="checkbox"/>	1	10	<input checked="" type="checkbox"/>	
chem search	CHEM:(BNRNXUUZRGQAQC-UHFFFAOYSA-N)	WO	Relevance	<input checked="" type="checkbox"/>	1	10	<input type="checkbox"/>	
bicycle	en_ab:bicycle	All	Pub Date Desc	<input type="checkbox"/>	1	10	<input type="checkbox"/>	
cat	ALLTXT:(cat) AND IC: ("A23K 50/40" OR "B62B 9/14" OR "A63H 13/02" OR "B32B" OR "B65D")	All	Relevance	<input checked="" type="checkbox"/>	2	10	<input type="checkbox"/>	
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bio capsule	FP:(biodegradable capsule)	All	Relevance	<input checked="" type="checkbox"/>	1	10	<input checked="" type="checkbox"/>	

QUERY TREE

Close

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INA:biodegradable --> 1
RPA:biodegradable --> 0
ICS:biodegradable --> 0
AN:biodegradable --> 0
WO:biodegradable --> 0
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EN_TI:biodegradable --> 19589
FR_TI:biodegradable --> 1604
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- [Kind codes](#)

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- [The New PATENTSCOPE Interface](#) (Sep 18, 2019)
- [Webinar On Upcoming New PATENTSCOPE Interface](#) (Sep 9, 2019)
- [PATENTSCOPE : Latest Improvements](#) (Jul 15, 2019)
- [Latvian and Lithuanian Data Now Available in Patentscope](#) (Jul 11, 2019)

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sandrine.ammann@wipo.int

