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**Online
November
2020**

Sandrine Ammann
Marketing & Communications Officer



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Field
Full Text



Search terms...
brush

Offices
All

EN_ALLTXT:(brush)



815,293 results Offices all Languages all Stemming true Single Family Member false



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

< 1 / 8,153 >

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1. [6745427](#) BRUSH

US - 08.06.2004

Int.Class [A47K 17/00](#) ? Appl.No 10069993 Applicant Hagleitner Hygiene International GmbH Inventor Trenz, Diethard

The invention relates to a brush, especially a toilet brush, comprising a brush head and a brush head holder, wherein the brush head can be detachably mounted on the brush head holder, especially in such a way that the two interlock. According to the invention, the brush head can be slid onto the brush head holder with a friction fit. It is therefore possible to exchange a used brush head for a new, germ-free replacement. This not only avoids the unattractive appearance that conventional brushes acquire after repeated use, but also prevents health risks to the user.

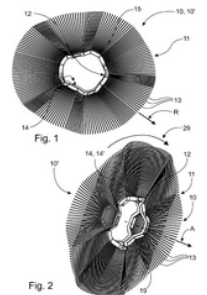


2. [3677144](#) BRUSH RING AND BRUSH

EP - 08.07.2020

Int.Class [A46B 13/00](#) ? Appl.No 20150226 Applicant SAJAKORPIOY Inventor HEIKKILÄ MIKA

An object of the invention is a brush ring [10, 10'], which includes a bristle part [11], which includes bristles [13], an annular base part [12], arranged to be corrugated axially [A] on both sides, formed as a combining structure with bristle part, and arranged to connect the radial [R] bristles [13] fitted to its outer circumference [15], which base part further includes retention elements [14] on the inner circumference [16] of the base part, to prevent the rotation of the brush ring on the brushing machine's brush body [17], contact surfaces [18], by which the brush ring is arranged to settle against the adjacent brush rings [10'] when set on the brushing machine's brush body, and on at least some of the said contact surfaces, a locking-element pair [19] arranged to form axial locking between the brush rings, which includes a protrusion [21] and recess [23] arranged compatibly with a corresponding locking-element pair [19'] of the adjacent brush rings. Between the protrusion and recess of the locking-element pair arranged to form axial locking there is a bevel [20] arranged to form a wedge effect in connection with the contact surface with the corresponding locking-element pair of the adjacent brush ring which is to be arranged with the brush ring against its contact surface. In addition, the invention also relates to a brush assembled from brush rings.



Field
Full Text



Search terms...
(brush NEAR10 washing) AND (automatic BEFORE washing)




[Query Examples](#)

Offices
All

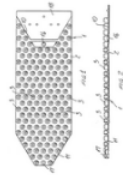


1. [0524153](#) [WASHING BRUSH FOR WASHING ROLLERS FOR MOTOR VEHICLE AUTOMATIC WASHING SYSTEMS.](#)


Int.Class [A46B 5/08](#)  Appl.No 92830020 Applicant FAVAGROSSA FRANCESCO Inventor FAVAGROSSA FRANCESCO

A [washing brush](#) for motor vehicle [automatic washing](#) system washing rollers comprises a plurality of plate-like elements [1] including sets of bristles [20], which can be wound about a supporting roller and arranged near one another in an axial direction, each plate-like element [1] including a plurality of cylindrical seats [3] for housing therein evenly distributed bristle sets [20]. The main feature of the invention is that each plate-like element [1] is further provided, at an end portion thereof, with a recessed portion [18] devoid of cylindrical seats therein can be engaged a middle projection [11] having cylindrical seats [3] and provided on the other end portion of the plate-like element [1], at least a removable coupling element [17] being moreover provided for coupling the mentioned end portions [11,18].

EP - 20.01.1993

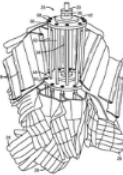


2. [20100031459](#) [AUTOMATIC VEHICLE WASHING APPARATUS WASH BRUSH ASSEMBLY](#)

Int.Class [B80S 3/00](#)  Appl.No 12534472 Applicant HOLBUS EDWARD Inventor Holbus Edward

An [automatic](#) vehicle [washing](#) apparatus [wash brush](#) assembly includes a drive shaft having a longitudinal shaft axis. At least two disks extend radially relative to the shaft axis and are spaced along the shaft axis. One of the disks has a first through hole spaced radially from the shaft axis. The through hole is formed substantially parallel to the shaft axis and is aligned with a corresponding hole formed in a second disk adjacent the one of the disks. A rod extending through the through holes is fixed relative to the shaft axis. The rod extends through a loop fixed to a wash strip to fix the wash strip relative to the shaft axis.

US - 11.02.2010

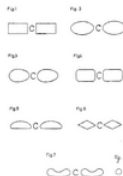


3. [20010004782](#) [PLASTIC BRISTLES FOR THE WASHING BRUSHES OF AUTOMATIC WASHING EQUIPMENT](#)

Int.Class [A46B 13/00](#)  Appl.No 09791426 Applicant HINTERKEUSER HANS Inventor Hinterkeuser Hans

The invention is directed towards plastic bristles for the [washing brushes](#) of [automatic car washes](#) which operate with moving [brushes](#), where the bristles are hollow-profile bristles. The hollow-profile bristles preferably exhibit a diameter of from 0.5 to 5 mm and a round or oval cross section.

US - 28.08.2001

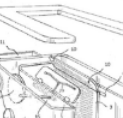


4. [20200170220](#) [AUTOMATIC DOG WASHING AND BRUSHING MACHINE](#)

Int.Class [A01K 13/00](#)  Appl.No 18403525 Applicant Weijian Zhang Inventor Weijian Zhang

An [automatic](#) wet [washing](#) and dry [brushing](#) apparatus for dogs comprises an elongated container, a tub placed inside the container at one end, a movable brush panel on each side of the tub and a mechanical device that drives the brush panels. The mechanical device is installed in the space between the container walls and the tub walls. The tub has two sidewalls, a floor with a drain, and a door at one end. Each brush panel is suspended on a sidewall and supported by a rail affixed inside the sidewall through a slot on the sidewall. The brush panels are used to brush a dog by sliding in a reciprocating motion. The brushes are made of spaced long and flexible bristles that accommodate the dog's body shape. The tub is equipped with water sprayers and a drain system. The container is movable with 4 wheels.

US - 04.08.2020



Full-text

- All collections
- All filing languages, such as Arabic, Bulgarian, Cambodian, Chinese, Danish, English, Estonian, French, German, Greek, Hebrew, Italian, Japanese, Korean, Laotian, Portuguese, Romanian, Russian, Spanish, Thai, Vietnamese, etc.

Coverage

https://patentscope.wipo.int/search/en/help/data_coverage.jsf

NATIONAL COLLECTIONS - DATA COVERAGE

Last Update: 09.11.2020

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 - 05.11.2020 | 19.10.1978 - 05.11.2020 | 3,914,078 | Total: 3,909,910 English: 3,190,889 French: 133,214 Spanish: 27,070 German: 397,192 Korean: 117,853 Japanese: 850,980 Chinese: 305,863 Russian: 20,263 Portuguese: 4,971 | 3,914,078 |
| African Regional Intellectual Property Organization (ARIPO) | 03.07.1985 - 28.07.2008 | 03.07.1985 - 28.07.2008 | 1,878 | Total: 1,671 English: 1,671 | 1,868 |
| Argentina | 11.02.1985 - 30.09.2020 | 31.10.1990 - 30.09.2020 | 9,741 | Total: 8,906 English: 8,906 Spanish: 8,906 | 185,069 |
| Australia | 14.01.1900 - 29.10.2020 | 08.01.1981 - 29.10.2020 | | Total: 648,836 English: 648,836 | 1,750,809 |
| Bahrain | 09.03.1957 - 28.09.2005 | 09.03.1957 - 28.09.2005 | | | 1,411 |
| Brazil | 25.04.1972 - 07.07.2020 | 25.04.1989 - 07.07.2020 | 230,201 | Total: 228,879 English: 228,879 Portuguese: 228,879 | 803,028 |
| Brunei Darussalam | 14.03.1979 - 08.06.2020 | 30.08.1992 - 08.06.2020 | | | 1,457 |
| Bulgaria | 15.02.1973 - 31.12.2018 | 15.09.1987 - 31.12.2018 | | | 50,449 |

WIPO Pearl

8 HITS for bicycle [Filters](#)

Source language All

Target language All

Subject field All

▼ Terms [bicycle](#) [ROAD], [bicycle fork](#) [ROAD], [fourche de bicyclette](#) [ROAD], [bicycle model](#) [ROAD], [modèle bicyclette](#) [ROAD], [bicycle chain](#) [ROAD], [tandem bicycle](#) [ROAD], [electrically assisted bicycle](#) [ROAD]

ROAD / CYCLES & NON-POWERED VEHICLES [Show full record](#)

| | | |
|-----------------------|-------------------|--|
| ▶ AR > دراجة | Reliability 3 / 4 | ... |
| ▶ > دراجة هوائية | Reliability 3 / 4 | ... |
| ▶ DE > Fahrrad | Reliability 3 / 4 | ... |
| ▶ EN > bicycle | Reliability 3 / 4 | ... |
| ▶ FR > vélo | Reliability 3 / 4 | ... |
| ▶ JA > 自転車(じてんしゃ) | Reliability 3 / 4 | PATENTSCOPE Images Concept map ... |
| ▶ ZH > 自行车(zìxíngchē) | Reliability 3 / 4 | ... |



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Tools ▼

Settings

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WIPO Pearl

IPC Green Inventory

Portal to patent regis

ments including 3.9 million published international patent applications (PCT). [De](#)

The next PCT publication 46/2020 is scheduled for 12.11.2020. [More](#)

s,... [More](#)

ms...



Query Examples

Feedback

Search ▼

Browse ▼

Tools ▼

Settings

Simple

Advanced Search

Field Combination

Cross Lingual Expansion

Chemical compounds (login required)

cluding 3.9 million published international p

ge

CT publication 46/2020 is scheduled for 12



Query Examples

CROSS LINGUAL EXPANSION ▾

Search terms... *

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]

Search

FULL QUERY

Close

Edit

EN_AB:("bicycle" OR "bikes") OR FR_AB:("bicyclette" OR "vélos" OR "vélo") OR DE_AB:("Fahrrad") OR ES_AB:("bicicleta") OR PT_AB:("bicicleta") OR JA_AB:("自転車") OR RU_AB:("велосипеда" OR "цикловой" OR "компьютер" OR "велотренажер" OR "велосипедный" OR "мопедов") OR ZH_AB:("自行车") OR KO_AB:("자전거" OR "자전거용") OR IT_AB:("bicicletta" OR "bicicletta" OR "bicyclette sportive" OR "mtb") OR SV_AB:("drivs" OR "cykel" OR "tvahjuling" OR "cyklar" OR "cykels framdel") OR NL_AB:("fiets" OR "rijwiel") OR PL_AB:("roweru" OR "rowerowa") OR DA_AB:("cykel")

CROSS LINGUAL EXPANSION ▾

Search terms... *

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]

Select Domains

Select one or more technical domains relevant to your search terms

Domains *

Automotive & Road Vehicle Engineering X Sports, Leisure, Tourism & Hospitality Ind X

Admin, Business, Management & Soc Sci

Aeronautics & Aerospace Engineering

Agriculture, Fisheries & Forestry

Audio, Audiovisual, Image & Video Tech

Automotive & Road Vehicle Engineering ✓

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

IPC

Search terms... *

"自行车" OR "轮转" OR "场地自行车" OR "脚踏车" OR "逆风自行车" OR "装有" OR "于自行车" OR "两轮车" OR "用于两轮车" OR "自行车如" OR "包括轮转" OR "循环方法" OR "连接到" OR "循环的方法"

Field

Full Text



Search terms...

Front Page

Any Field

Full Text

ID/Number

Int. Classification(IPC)

Names

Publication Date



| | Field | Value |
|-----------------|------------------------|--------------------------|
| | Front Page | |
| Operator AND | English Abstract | windturbine ? |
| Operator AND | Application Number | |
| Operator AND | Publication Date | [2015 TO 2020] |
| Operator AND | Abstract | |
| Operator AND | Abstract | Is Empty: N/A |
| Operator AND | Licensing availability | <input type="checkbox"/> |

Add another search field
 Reset search fields

Offices
All

Languages
All

Stemming

Single Family Member

108 results

| | | | | |
|-----------------|---|---------------------------------|---|--|
| | | Field Front Page | ▼ | Value |
| Operator AND | ▼ | Field English Abstract | ▼ | Value windturbine OR (eolic OR eolian OR aeolian OR wind) OR windmill |
| Operator AND | ▼ | Field Application Number | ▼ | Value |
| Operator AND | ▼ | Field Publication Date | ▼ | Value [2015 TO 2020] |
| Operator AND | ▼ | Field Abstract | ▼ | Value |
| Operator AND | ▼ | Field Abstract | ▼ | Is Empty: N/A |
| Operator AND | ▼ | Field Licensing availability | ▼ | <input type="checkbox"/> |

Add another search field
 Reset search fields

Offices

All

Languages

All

Stemming

Single Family Member

351,781 results

| | | | | | |
|-----------------|---|---------------------------------|---|---|---|
| | | Field Front Page | ▼ | Value | ? |
| Operator AND | ▼ | Field English Abstract | ▼ | Value windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill NEAR2 turbine OR pov | ? |
| 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"/> | |

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"/> | |

Field Combination - pros

- Predefined fields
- Immediate results on the same page

FIELD COMBINATION

| | Field | Value |
|-----------------|-------------------------|--------------------------|
| Operator AND | Front Page | Value |
| Operator AND | WIPO Publication Number | Value |
| Operator AND | Danish Description | Value |
| Operator AND | Danish Text | Value |
| Operator AND | Danish Title | Value |
| Operator AND | Description | Value |
| Operator AND | Designated States | Value |
| Operator AND | English Abstract | Value |
| Operator AND | English All | Value |
| Operator AND | English Claims | Value |
| Operator AND | English Description | Is Empty: N/A |
| Operator AND | English Text | |
| Operator AND | English Title | |
| Operator AND | Exact IPC code | <input type="checkbox"/> |
| Operator AND | Filing Language | |
| Operator AND | French Abstract | |
| Operator AND | French All | |
| Operator AND | French Claims | |
| Operator AND | French Description | |
| Operator AND | French Text | |
| Operator AND | French Title | |
| Operator AND | Front Page | |

 Add another search field  Reset search fields

Offices
All

Languages
All

Stemming

Single Family Member

| | | | | | |
|-----------------|---|----------------------------------|---|------------------|---|
| | | 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 | ▼ | N/A | |
| | | | | Yes | |
| | | | | No | |

ADVANCED SEARCH ▾

Query Assistant [Query Examples](#)

EN_AB = field

Fields: where to search

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



Auto-suggested fields



GN:





Feedback

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BACK TO THE OLD LOOK

ADVANCED SEARCH



gr



Expand with related terms

Offices

All

Languages

All

HELP

HOW TO SEARCH

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- [PCT Families](#)
- [Query System](#)
- [Fields Definition](#)
- [Tutorials](#)

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- [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]

| Symbol ↕ | Name ↕ | Help | Type ↕ | Stemmed ↕ | Parent |
|-----------|-----------------|--|--------|-----------|----------|
| ALLTXT | Text | <p>The entered value is searched against the english Title, Abstract, Claims and Description Fields; the stemming option is off.</p> <p><input checked="" type="checkbox"/> ALLTXT:("electric car" OR "voiture electrique"~50)</p> | text | | [ALL] |
| EN_ALLTXT | English Text | <p>The entered value is searched against the english Title, Abstract, Claims and Description Fields; the stemming option is on.</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:("electric car"~50)</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:("sol* panel"~5)</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:(elect?icit?)</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:(electric^10 and car^3)</p> | 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

Classifications

- IC = International Classification
 - IC :A
 - IC :A47
 - IC :A47L
 - IC :A47L1
 - IC:A47L11
 - IC:A47L11/03
- CPC
- CLASSIF: CPC + IPC

- **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

ADVANCED SEARCH ▾

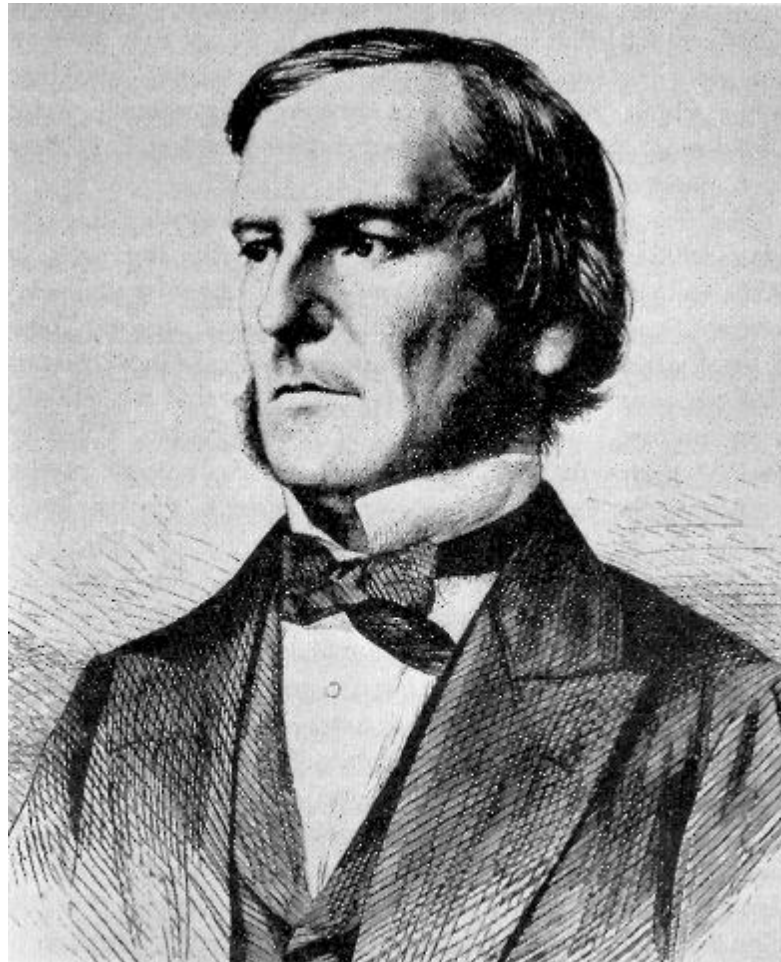
EN_AB:(((windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill) NEAR2 (turbine OR power OR generator))) NEAR500 (HAWT OR (horizontal NEAR2 (axle OR shaft OR axes OR axis)))) AND ((armature^5 OR rotator^5 OR rotor^20 OR helix^5 OR "helical member"^5) OR (aerofoil^5 OR vane^5 OR fins^5 OR paddles^5 OR airfoils^5 OR blade^5))))

Query Assistant [Query Examples](#)

AND/NEAR/OR = operators

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.JPO&INPIT

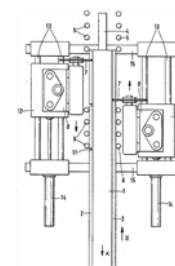


9. **4408510** APPARATUS FOR CUTTING BOARDS FROM TREE TRUNKS

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.

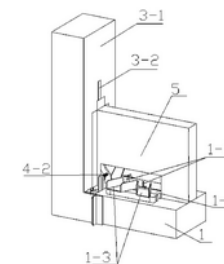


10. **104801756** TRUNKING QUICKLY CUTTING DEVICE

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_TI:(trunk BEFORE cutting)

1. **108541550 TRUNK CUTTING DEVICE**

CN - 18.09.2018

Int.Class [A01G 23/083](#) Appl.No 201810350073.1 Applicant GUANGDONG KNOWLEDGE CITY OPERATION SERVICE CO., LTD. Inventor LUO YANMEI

The invention discloses a [trunk cutting](#) device. The [trunk cutting](#) device comprises a vehicle, and is characterized in that: the vehicle is provided with a tilting device, the tilting device is provided with a first cutting device capable of clamping and cutting off the trunk of a tree and moving the trunk vertically, and the tilting device is provided with a second cutting device capable of cutting off the branch of the tree. The trunk of the tree is clamped and then cut by arranging the first cutting device, then the trunk is tilted through the tilting device, then the tilted trunk is moved downwards through the first cutting device, and then branches on the [trunk](#) are [cut](#) off through the second cutting device; the whole process is fast, meanwhile, the danger of artificial sawing of the tree is reduced, and the [trunk cutting](#) device has a simple structure and convenient use.

2. **104339022 TRUNKING CUTTING STRUCTURE**

CN - 11.02.2015

Int.Class [B23D 29/02](#) Appl.No 201410589576.6 Applicant CHENGDU KESHENG PETROLEUM TECHNOLOGY CO., LTD. Inventor HE CHANGMING

The invention discloses a [trunking cutting](#) structure. The [trunking cutting](#) structure comprises a housing and a motor mounted inside the housing, wherein a movable cavity with an open bottom is formed in the middle of the housing; a fixed head is arranged inside the movable cavity; a bevel gear B cooperated with a bevel gear A is mounted at the other end of a rotating shaft; the [trunking cutting](#) structure further comprises supporting rods fixedly mounted at the two ends of the housing and a plurality of idler wheels rotatably arranged on the supporting rods; a calibration line is arranged on the outer circumference of any of the idler wheels; the calibration lines in the two idler wheel groups are located on the same straight line. The housing is manually pushed to move along the [trunking to be cut](#); the two calibration lines at the two ends of the housing are cotton threads soaked with dye and twisted on the outer circumference of one of the idler wheels; when the housing is used for cutting a straight trunking, the tracks described by the two calibration lines are compared to judge whether the lines are superposed or not; if not, operation staff can timely adjust the position of the housing, so as to ensure that the cut trunking meets the requirements for a wiring spool, and improve the [trunking cutting](#) efficiency.

3. **207574001 GARDENS TRUNK CUTTING DEVICE**

CN - 06.07.2018

Int.Class [A01G 3/08](#) Appl.No 201721469371.X Applicant HUZHOU HAOCHENG ENVIRONMENTAL ENGINEERING CO., LTD. Inventor CHEN JIANCHANG

The utility model relates to a gardens cutting equipment technical field specifically is a gardens [trunk cutting](#) device. A gardens [trunk cutting](#) device, includes moving vehicle frame, the setting is in last elevating system and the dust absorption mechanism of moving vehicle frame sets up the cutting mechanism at elevating system top, and set up moving vehicle frame last with elevating system, dust absorption mechanism and the equal electric connection's of cutting mechanism controller and power equipment, cutting mechanism is including setting up the rotary disk at elevating system top, the cutting knife, and connect the rotary disk with the telescopic link of cutting knife. The utility model discloses a gardens [trunk cutting](#) device can absorb totally, very safe convenient through highlyprune branch and the automatic saw -dust with producing of elevating system automatic matched branch among the cutting process, and in the branch of pruning can directly leave the string bag in, further improved tree pruning's security performance.

4. **110936504 DUST-FREE TRUNKING CUTTING MACHINE**

CN - 31.03.2020

Int.Class [B28D 1/24](#) Appl.No 201811104166.2 Applicant LI CHUNRONG Inventor LI CHUNRONG



ADVANCED SEARCH ▾

EN_AB:(((windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill)) NEAR2 (turbine OR power OR generator))) NEAR500 (HAWT OR (horizontal NEAR2 (axle OR shaft OR axes OR axis)))) AND ((armature^5 OR rotator^5 OR rotor^20 OR helix^5 OR "helical member"^5) OR (aerofoil^5 OR vane^5 OR fins^5 OR paddles^5 OR airfoils^5 OR blade^5))

Query Assistant [Query Examples](#)

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}

ADVANCED SEARCH ▾



```
EN_AB:(((windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill) NEAR2 (turbine OR power OR generator))) NEAR500 (HAWT OR (horizontal NEAR2 (axle OR shaft OR axes OR axis)))) AND ((armature^5 OR rotator^5 OR rotor^20 OR helix^5 OR "helical member"^5) OR (aerofoil^5 OR vane^5 OR fins^5 OR paddles^5 OR airfoils^5 OR blade^5))))
```

Query Assistant [Query Examples](#)

\wedge = weighting factor

^ 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.

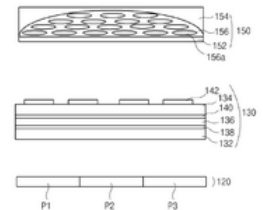


2. **20150177549** SWITCHABLE TYPE TOUCH DISPLAY DEVICE AND METHOD OF DRIVING THE SAME

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 WOONGJEONG JI WOONG



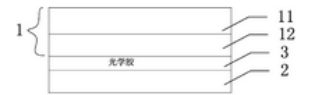


1. **104111752** TOUCH DISPLAY MODULE AND TOUCH SCREEN WITH TOUCH DISPLAY MODULE USED

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.

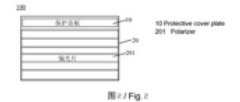


2. **WO/2015/149264** TOUCH SCREEN, DISPLAY SCREEN AND METHOD OF MANUFACTURING TOUCH SCREEN

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

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.

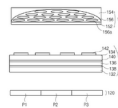


2. **20150177549** SWITCHABLE TYPE TOUCH DISPLAY DEVICE AND METHOD OF DRIVING THE SAME

US - 25.06.2015

Int.Class G02F 1/1335 () Appl.No 14506931 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.

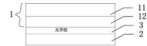


3. **104111752** TOUCH DISPLAY MODULE AND TOUCH SCREEN WITH TOUCH DISPLAY MODULE USED

CN - 22.10.2014

Int.Class G06F 3/041 () Appl.No 201410256459.9 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.

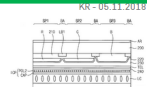


4. **1020180119741** TOUCH PANEL AND TOUCH DISPLAY APPARATUS INCLUDING SAME

KR - US.11.2019

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**



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

CN - 22.10.2014

Int.Class G06F 3/041 () Appl.No 201410256459.9 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.

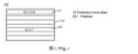


2. **W0/2015/149264** TOUCH SCREEN, DISPLAY SCREEN AND METHOD OF MANUFACTURING TOUCH SCREEN

WO - 08.10.2015

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.



3. **108375817** TOUCH DISPLAY DEVICE

CN - 22.02.2019

Int.Class G06F 3/041 () Appl.No 201710000000 Applicant HUAWEI DEVICE 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.

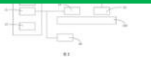


4. **W0/2019/144449** TOUCH DRIVE CIRCUIT, TOUCH ASSEMBLY, TOUCH DRIVE METHOD, AND DISPLAY TOUCH DEVICE

WO - 01.08.2019

Int.Class G06F 3/041 () Appl.No 201810000000 Applicant HUAWEI DEVICE CO., LTD. Inventor ZHANG, YU

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] in the OLED **touch** panel, and the regulating voltage being provided to the transmitter electrode [15]. The **touch** drive circuit reduces the quantity of electric charge flowing from the



Keywords

- Stemming
- Wildcard
- Truncation
- Fuzzy

Stemming

ADVANCED SEARCH ▾

EN_TI:((((windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill) NEAR2 (turbine OR power OR generator))) NEAR500 (HAWT OR (horizontal NEAR2 (axle OR shaft OR axes OR axis)))))) AND ((armature^5 OR rotator^5 OR rotor^20 OR helix^5 OR "helical member"^5) OR (aerofoil^5 OR vane^5 OR fins^5 OR paddles^5 OR airfoils^5 OR blade^5))))

Query Assistant [Query Examples](#)

[+ Expand with related terms](#)

Offices

All



Languages

All



Stemming

Single Family Member

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/JP2012/076300 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_Tl:(mico?p*)



67 results Offices All Languages En Stemming False



Analysis Sort: Relevance Per page: 10

Machine translation View: All

This is an example of a typo retrieved using wildcard

1. [WO/2011/147](#) **SANT J2 - SODIUM ALGINATE MICROSPHERE, PREPARATION METHOD AND USE THEREOF** WO - 01.12.2011
Int.Class [A61K 9/16](#) 0/080617 Applicant BEIJING HONGYIYAO SCIENCE & TECHNOLOGY DEVELOPMENT CO., LTD. Inventor LI, Xinjian
An immunosuppressant J2, a 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 adsorbing 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 low toxicity.

2. [2085263](#) **MICORPHONES** GB - 21.04.1982
Int.Class H04R 1/08 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 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].
COPYRIGHT 2000 KIPO

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*

WILDCARD VS STEMMING

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

Enter a word ▼

Compare to

| Stemming | Wildcard * |
|-------------------|-------------------|
| No records found. | No records found. |

Enter a word
electrical



Compare to

Stemming electrical

Wildcard electrical*

electric

electrical

electrical

electrically

electrically

electricallyinsulating

electricity

electricalsignal

electrics

electricaly

electricly

electrization

electr

HELP

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- [Fields Definition](#)
- [IPC/CPC classification fields](#)
- [Wildcard vs Stemming](#)
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Fuzzy searches

- Use of the tilde: ~

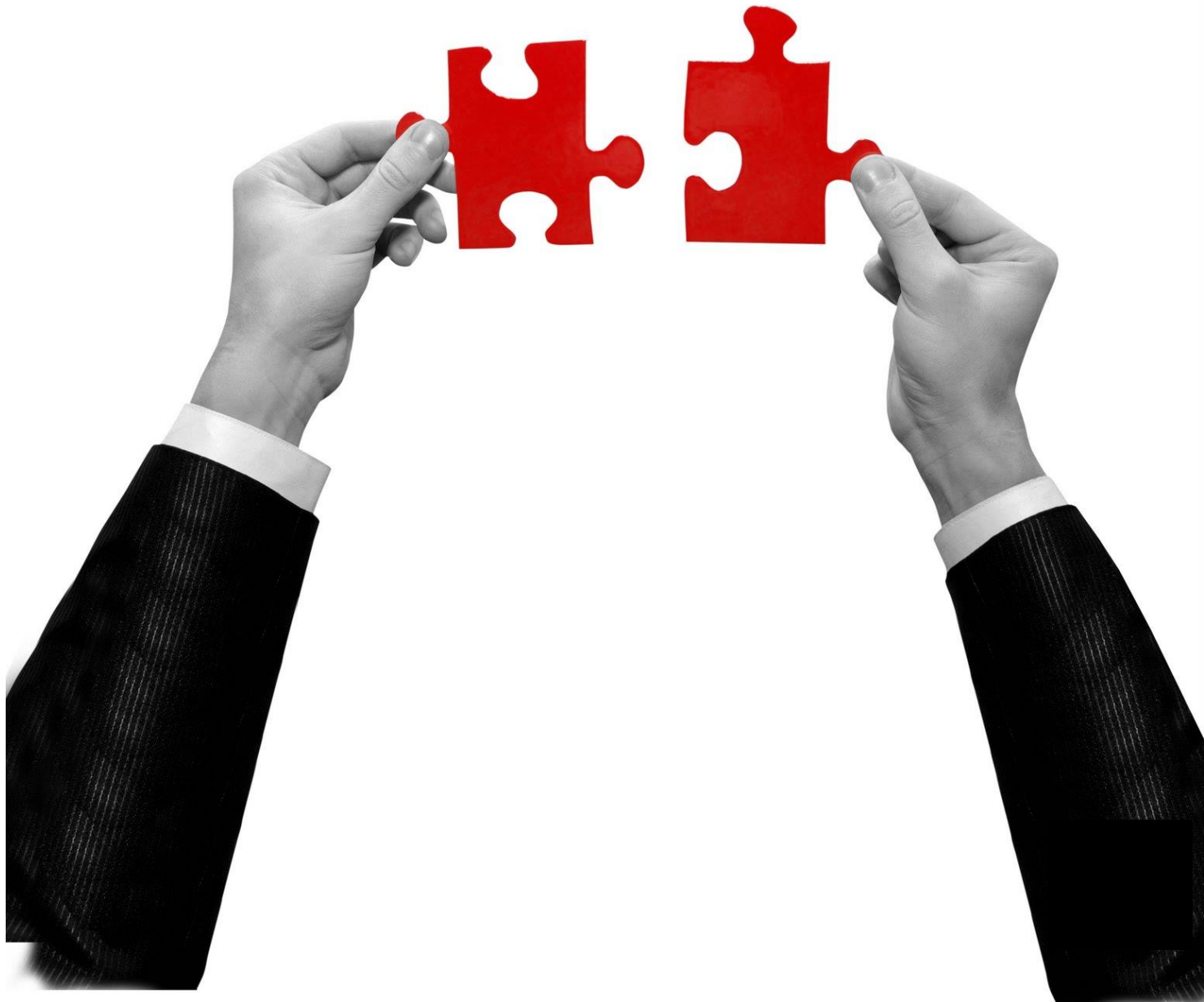
- Examples:

roam~ \longrightarrow foam / roams

Roam~0.8



Useful to find misstpyed, misspelt or mis-OCRed words



Result combination

- Combine search with date range
- Combine with CPC
- Combine with CLIR
- Combine search with chemical structure search



EN_AB:("hearing aid")

13,468 results Offices all Languages ja Stemming true Single Family Member false

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

1 / 135

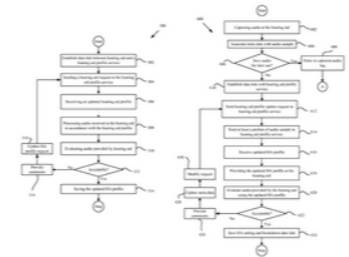
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1. 20120183165 REMOTELY UPDATING A HEARING AND PROFILE

US - 19.07.2012

Int.Class H04R 25/00 Appl.No 13009751 Applicant Edwin W. Foo Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the updated hearing aid profile.

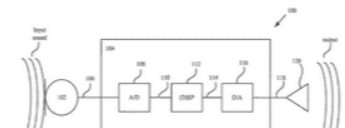


2. 20190261102 REMOTELY UPDATING A HEARING AID PROFILE

US - 22.08.2019

Int.Class H04R 25/00 Appl.No 16398589 Applicant Apple Inc. Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the



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EN_AB:("hearing aid") AND publica|

National Publication Number

Publication Date

Publication Language

WIPO Publication Number

EN_AB:("hearing aid") AND DP:[2018 TO 2020]



1,757 results Offices all Languages ja Stemming true Single Family Member false



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

< 1 / 18 >

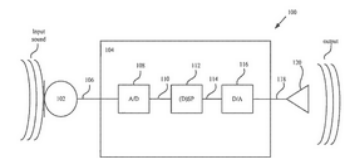
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1. 20190261102 REMOTELY UPDATING A HEARING AID PROFILE

US - 22.08.2019

Int.Class H04R 25/00 Appl.No 16398589 Applicant Apple Inc. Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the updated hearing aid profile.



2. 3335434 SYSTEM AND METHOD FOR PERSONALIZING A HEARING AID

EP - 20.06.2018

Int.Class H04R 25/00 Appl.No 15757456 Applicant WIDEX AS Inventor WESTERGAARD ANDERS

A method of personalizing at least one hearing aid for a hearing aid user comprises manufacturing at least one hearing aid [1], receiving an audiogram from a server [37] for the hearing aid user, programming the at least one hearing aid [1] by means of the audiogram, whereby the at least one hearing aid [1] becomes personalized for the hearing aid user. Hereafter, the at least one personalized hearing aid [1] is delivered to the hearing aid user. Once the user has received the at least one personalized hearing aid [1], he may take the hearing aids into use. If there arises a need for fine tuning, the hearing aid user may request a consultation with a hearing healthcare professional. The hearing healthcare professional has equipment [44, 45] for fine tuning the hearing aid [1], and he may fine tuning the at least one personalized hearing aid [1] in dialogue with the hearing aid user. The invention further provides a hearing aid delivering system and an Internet enabled personal communication device.



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

EN_AB:("hearing aid") AND DP:[2018 TO 2020] AND cp

Cooperative Patent Classification

✓ Enter a value...

EN_AB:("hearing aid") AND DP:[2018 TO 2020] AND CPC:

B: PERFORMING OPERATIONS; TRANSPORTING

C: CHEMISTRY; METALLURGY

D: TEXTILES; PAPER

E: FIXED CONSTRUCTIONS

F: MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

G: PHYSICS

H: ELECTRICITY



EN_AB:("hearing aid") AND DP:[2018 TO 2020] AND CPC:H04R25

H04R25/02: adapted to be supported entirely by ear

H04R25/04: comprising pocket amplifiers

H04R25/30: Monitoring or testing of hearing aids, e.g. functioning, settings, battery power

H04R25/35: using translation techniques

H04R25/40: Arrangements for obtaining a desired directivity characteristic

H04R25/43: Electronic input selection or mixing based on input signal analysis, e.g. mixing or selection between microphones with different directivity characteristics

H04R25/45: Prevention of acoustic reaction, i.e. acoustic oscillatory feedback



Combining with CLIR

CROSS LINGUAL EXPANSION ▾

Search terms... *

wind turbine

Query Language

English

The language of your query

Expansion Mode:

Automatic

Supervised

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

Precision level

High

Influences the precision of the suggested variants.

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

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

Search

(EN_AB:("wind turbine" OR "wind powered turbine which can") OR FR_AB:("eolienne" OR "turbine éolienne" OR "aérogénérateur") OR DE_AB:("Windenergieanlage" OR "Windkraft



64,677 results Offices all Languages all Stemming false Single Family Member false



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(EN_AB:("wind turbine" OR "wind powered turbine which can") OR FR_AB:("eolienne" OR "turbine éolienne" OR "aérogénérateur") OR DE_AB:("Windenergieanlage" OR "Windkraftanlage") OR ES_AB:("aerogenerador" OR "turbina eólica") OR PT_AB:("turbina de vento" OR "turbina eólica com base" OR "instalação" OR "turbina eólica" OR "tubina eólica" OR "particular para uma turbina eólica" OR "central de energia eólica" OR "turbina eólica durante" OR "correspondente turbina eólica") OR JA_AB:("風車" OR "風力タービン") OR RU_AB:("ветротурбина" OR "ветродвигателя" OR "ветровая турбина" OR "ветряной турбины") OR ZH_AB:("风机" OR "风力涡轮机" OR "风车" OR "风轮机" OR "风力发电") OR KO_AB:("풍력 터빈" OR "풍력발전기용" OR "로터블레이드" OR "풍차") OR IT_AB:("aerogeneratore" OR "turbina eolica" OR "turbina a vento") OR SV_AB:("vindkraftverk") OR NL_AB:("windturbine" OR "windmolen") OR PL_AB:("turbina wiatrowa" OR "turbiny wiatrowej" OR "silownia wiatrowa" OR "wiatrowego oraz") OR DA_AB:("vindmølle" OR "vindturbine" OR "vindenergianlæg")) AND ICF:(B02 OR B03 OR B04 OR B05 OR B06 OR B07 OR B25 OR B26 OR B30 OR E02 OR F0? OR F15 OR F16 OR F26)

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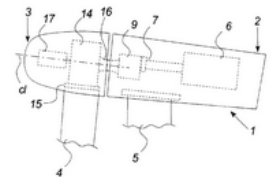
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1. 1671970 WIND TURBINE, HYDRAULIC SYSTEM, AIR BLEED SYSTEM AND METHOD FOR CONTROLLING AT LEAST TWO WIND TURBINE BLADES

CN - 21.09.2005

Int.Class [F15B 21/04](#) Appl.No 02828797.5 Applicant Vestas Wind Systems AS Inventor Christensen Mogens

The invention relates to a [wind turbine](#) comprising rotating means including at least two [wind turbine](#) blades [4] which are turnable around the longitudinal axis of said blades, and a [wind turbine](#) hub connecting said at least two [wind turbine](#) blades [4] with at least one shaft [7, 16]. Further, the [wind turbine](#) comprises hydraulic means [17] for actuating said at least two [wind turbine](#) blades [4], said hydraulic means [17] being incorporated in said rotating means. The invention also relates to a hydraulic system, an air bleed system and a method of controlling at least two [wind turbine](#) blades.



(EN_AB:("wind turbine" OR "wind powered turbine which can") OR FR_AB:("eolienne" OR "turbine éolienne" OR "aérogénérateur") OR DE_AB:

Simple

Advanced Search

Field Combination

Cross Lingual Expansion

Chemical compounds

64,677 results Offices all Languages all Stemming false Single Family Member false

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

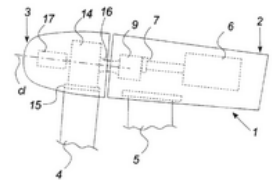
< 1/647 >

1. **1671970** WIND TURBINE, HYDRAULIC SYSTEM, AIR BLEED SYSTEM AND METHOD FOR CONTROLLING AT LEAST TWO WIND TURBINE BLADES

CN - 21.09.2005

Int.Class F15B 21/04 Appl.No 02828797.5 Applicant Vestas Wind Systems AS Inventor Christensen Mogens

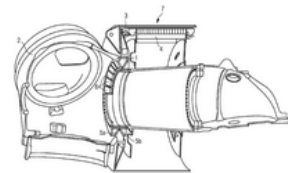
The invention relates to a wind turbine comprising rotating means including at least two wind turbine blades [4] which are turnable around the longitudinal axis of said blades, and a wind turbine hub connecting said at least two wind turbine blades [4] with at least one shaft [7, 16]. Further, the wind turbine comprises hydraulic means [17] for actuating said at least two wind turbine blades [4], said hydraulic means [17] being incorporated in said rotating means. The invention also relates to a hydraulic system, an air bleed system and a method of controlling at least two wind turbine blades.

2. **103782028** DIRECT-DRIVE WIND TURBINE

CN - 07.05.2014

Int.Class F03D 15/20 Appl.No 201280043763.3 Applicant 西门子公司 Inventor B.佩德森

The invention relates to a direct driven wind turbine and the main bearing used in such a wind turbine. A rotor of the wind turbine is directly connected with a rotating drive train of the wind turbine, the rotating drive train is directly connected with a rotor of an electrical generator [7] of the wind turbine. The rotating drive train is connected with a stationary part of the wind turbine via at least one bearing [1], which allows the rotation of the drive train in relation to the stationary part. The at least one bearing [1] is a plain bearing and the bearing is a tapered bearing, which comprises at least one conical shaped sliding surface.

3. **102242694** DE-ICING AND/OR ANTI-ICING OF A WIND TURBINE COMPONENT BY VIBRATING A PIEZOELECTRIC MATERIAL

CN - 16.11.2011

ADVANCED SEARCH ▾

(EN_AB:("wind turbine" OR "wind powered turbine which can") OR FR_AB:("eolienne" OR "turbine éolienne" OR "aérogénérateur") OR DE_AB:("Windenergieanlage" OR "Windkraftanlage") OR ES_AB:("aerogenerador" OR "turbina eólica") OR PT_AB:("turbina de vento" OR "turbina eólica com base" OR "instalacço" OR "turbina eálica" OR "tubina eólica" OR "particular para uma turbina eólica" OR "central de energia eólica" OR "turbina eólica durante" OR "correspondente turbina eólica") OR JA_AB:("風車" OR "風力タービン") OR RU_AB:("ветротурбина" OR "ветродвигателя" OR "ветровая турбина" OR "ветряной турбины") OR ZH_AB:("风机" OR "风力涡轮机" OR "风车" OR "风轮机" OR "风力发电") OR KO_AB:("풍력 터빈" OR "풍력발전기용" OR "로터블레이드" OR "풍차") OR IT_AB:("aerogeneratore" OR "turbina eolica" OR "turbina a vento") OR SV_AB:("vindkraftverk") OR NL_AB:("windturbine" OR "windmolen") OR PL_AB:("turbina wiatrowa" OR "turbiny wiatrowej" OR "silownia wiatrowa" OR "wiatrowego oraz") OR DA_AB:("vindmølle" OR "vindturbine" OR "vindenergianlæg")) AND ICF:(B02 OR B03 OR B04 OR B05 OR B06 OR B07 OR B25 OR B26 OR B30 OR E02 OR F0? OR F15 OR F16 OR F26)

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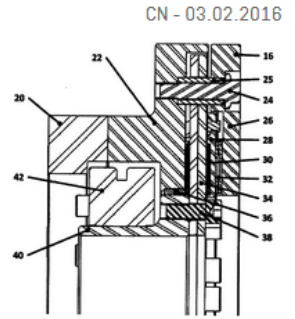
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JA_AB:("風車" OR "風力タービン") OR ZH_AB:("风机" OR "风力涡轮机" OR "风车" OR "风轮机" OR "风力发电") AND ICF:(B02 OR B03 OR B04 OR B05 OR B06 OR B07 OR B25 OR B26 OR B30 OR E02 OR F0? OR F15 OR F16 OR F26) AND DP:[2015 TO 2020]

5. **105308343** 用以减轻转矩反向的风力涡轮机联接件

Int.Class F16D 7/02 ② Appl.No 201480033163.8 Applicant PT技术有限公司 Inventor D-C:海登里希

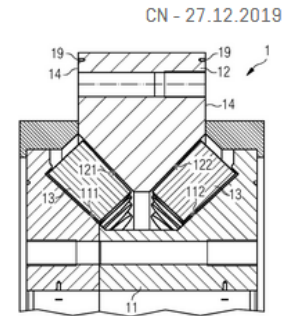
本发明公开一种风力涡轮机发电系统，该风力涡轮机发电系统包括风力涡轮机，所述风力涡轮机连接至具有输出轴的增速齿轮箱。还提供具有输入轴的发电机。联接件使输入轴和输出轴互连。所述联接件包括与高摩擦滑动能力并行的高扭转卷绕和/或位移能力，以使得在正常操作期间存在很少或不存在摩擦滑动并且在瞬时转矩反向期间，涡轮机驱动系统中的负荷减少，因而使得齿轮箱轴承上的冲击负荷减少。



6. **110621895** 精加工轴承套圈的方法

Int.Class F16C 33/64 ② Appl.No 201880032586.6 Applicant 西门子歌美飒可再生能源公司 Inventor T.K:默勒

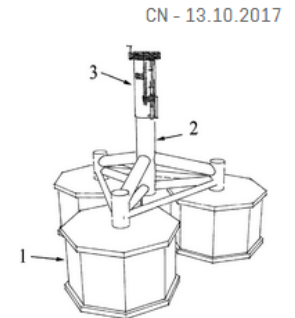
本发明涉及精加工轴承套圈的方法。一种机加工风力涡轮机轴承 (1) 的轴承套圈 (11、12) 的方法，所述方法包括以下步骤：识别轴承套圈 (11、12) 的表面 (112、122、14) 上的多个局部硬区 (Z)；以及从表面 (112、122、14) 移除材料，使得局部硬区 (Z) 中的轴承套圈厚度 (hz) 小于局部硬区 (Z) 外部的轴承套圈厚度 (hn)。本发明还描述了一种机加工组件 (3)、一种风力涡轮机轴承 (1) 和一种风力涡轮机 (2)。



7. **104812963** 用于海上风力涡轮机的安装的基于重力的地基系统和用于海上风力涡轮机地基系统的安装的方法

Int.Class E02D 27/52 ② Appl.No 201380051497.3 Applicant 技术项目有限公司 Inventor 贾维尔·伊瓦尔斯萨洛姆

本发明涉及一种用于海上风力涡轮机安装的基于重力的地基系统以及用于安装前述基于重力的地基系统的方法，其中所述地基系统一旦锚定就允许所述结构-风力涡轮机部件的运输、锚定和随后的再浮动，从而向对于与安装相关联的不确定性和在短期和长期的地面响应的解决方案给出很大的通用性。





For queries with compounds

EN_ALL:aspirin AND DP:[2016 TO 2019]



21,155 results

Offices all

Languages all

Stemming true

Single Family Member false

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

< 1 / 212 >

1. **WO/2018/191505** PRODUCTION OF **ASPIRIN**-TRIGGERED RESOLVINS WITHOUT THE USE OF **ASPIRIN** IN A DIETARY OMEGA-3 SUPPLEMENT

Int.Class [A61K 31/616](#) ⓘ Appl.No PCT/US2018/027314 Applicant PERFORMANCE LABS PTE. LTD. Inventor GUBLER, Daniel

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 in the subject; 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** in the subject without the deleterious effect of the **aspirin** or **aspirin**-like compounds in the stomach.

2. **20180296577** PRODUCTION OF **ASPIRIN**-TRIGGERED RESOLVINS WITHOUT THE USE OF **ASPIRIN** IN A DIETARY OMEGA-3 SUPPLEMENT

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 in the subject; 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** in the subject without the deleterious effect of the **aspirin** or **aspirin**-like compounds in the stomach.

CHEMICAL COMPOUNDS SEARCH ▾

[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

CHEM:(BSYNRYMUTXBXSQ-UHFFFAOYSA-N)

181,419 results Offices all Languages all Stemming true Single Family Member false



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< 1 / 1,815 >

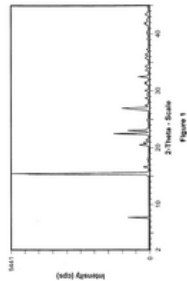
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1. [2212274](#) ROOM TEMPERATURE STABLE NON-CRYSTALLINE ASPIRIN

EP - 04.08.20

Int.Class [A61K31/616](#) ⓘ Appl.No 08840270 Applicant OVOKAITYS TODD F Inventor STRACHAN JOHN SCOTT

The present invention provides stable non-crystalline aspirin that does not crystallize at room temperature during storage for prolonged periods of time and processes for obtaining the stable non-crystalline aspirin.

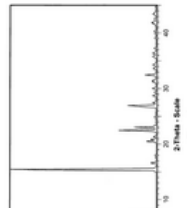


2. [20090131710](#) ROOM TEMPERATURE STABLE NON-CRYSTALLINE ASPIRIN AND METHOD FOR THE PREPARATION THEREOF

US - 21.05.20

Int.Class [A61K31/235](#) ⓘ Appl.No 12252447 Applicant Ovokaitys Todd F Inventor Ovokaitys Todd F.

The present invention provides stable non-crystalline aspirin that does not crystallize at room temperature during storage for prolonged periods of time and processes for obtaining the stable non-crystalline aspirin.



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



37,876 results

Offices all

Languages all

Stemming true

Single Family Member false

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

< 1 / 379 >

1. **20190004070** DUAL ANTI-PLATELET MEDICATION/ASPIRIN RESPONSE AND REACTIVITY TEST USING SYNTHETIC COLLAGEN

Int.Class G01N 33/86 ⓘ Appl.No 15874780 Applicant JNC CORPORATION Inventor William M. TROLIO

The present invention provides tests that measures functional platelet aggregation such as by using Light Transmission Aggregometry Assays (LTAs) or flow cytometry using self-assembling human type I collagen, methods of predicting and measuring an individual's platelet anti-platelet medication sensitivity and residual platelet aggregation. An individual is on a dual anti-platelet therapy of aspirin and anti-platelet medication and kits useful in the assays and methods.

2. **110156602** ASPIRIN CRYSTAL, CRYSTALLIZATION METHOD AND APPLICATION THEREOF

Int.Class C07C 67/52 ⓘ Appl.No 201910401128.1 Applicant SOUTH CHINA UNIVERSITY OF TECHNOLOGY Inventor WANG XUEZHONG

The invention discloses an aspirin crystal, a crystallization method and an application thereof. A water-soluble polymer additive is added into a crystallization solution, a specific morphology of aspirin is obtained by molecular simulation, the molecular arrangement of the [011] crystal plane is obtained. It was found that the [011] crystal plane has exposed hydroxyl group, carbonyl group and oxygen atom in ester group, which are easy to interact with polyvinylpyrrolidone to form hydrogen bond. In addition, the molecular weights of polyvinylpyrrolidone and vinylpyrrolidone-vinyl acetate copolymer are relatively large, and it will not be intercalated in the crystal lattice. The obtained product has the advantages of small aspect ratio, good fluidity, high bulk density, high yield and high impurity content, strong repeatability, and other factors, especially suitable for industrial production.

Most common errors

- (.....)
- Field name
- No space
- Wildcard at the beginning of a word

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Webinar: PATENTSCOPE: Retrospective of 2020 and Plans for 2021

December 8, 2020 17:30 - 18:30 Geneva time

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Webinar: PATENTSCOPE: Retrospective of 2020 and Plans for 2021

December 10, 2020 08:30 - 09:30 Geneva time

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All PATENTSCOPE webinars

System requirements

- PC: Windows® 8, 7, Vista, XP or 2003 Server
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- Mobile: iPhone®, iPad®, Android™ phone or Android & tablet

Global Brand Database: webinar

■ Practical cases

November 19 at 5:30pm CET

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Global Design Database: webinar

■ Practical cases

November 26 at 5:30pm CET

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