

Global Databases and Platforms

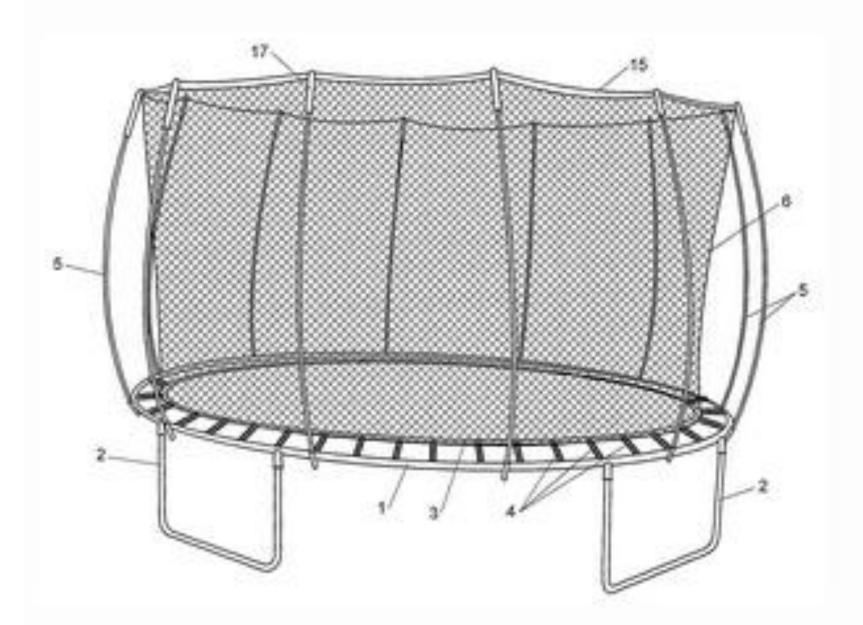
WIPO IP Infrastructure

Paul Halfpenny, Senior Administrator, Global Infrastructure Sector

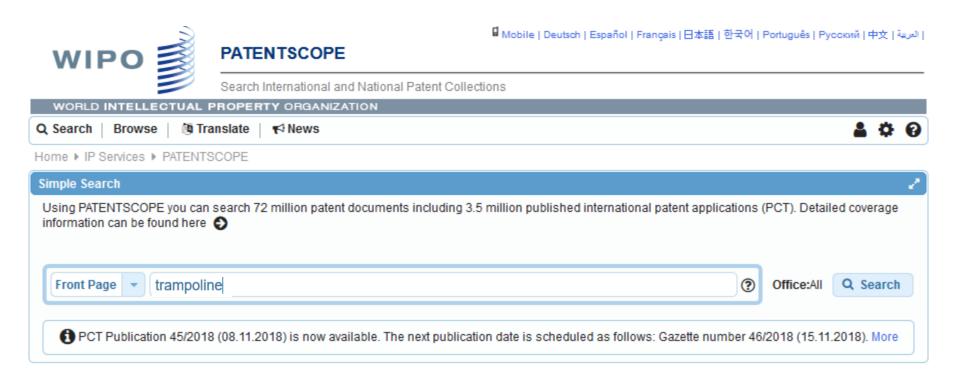




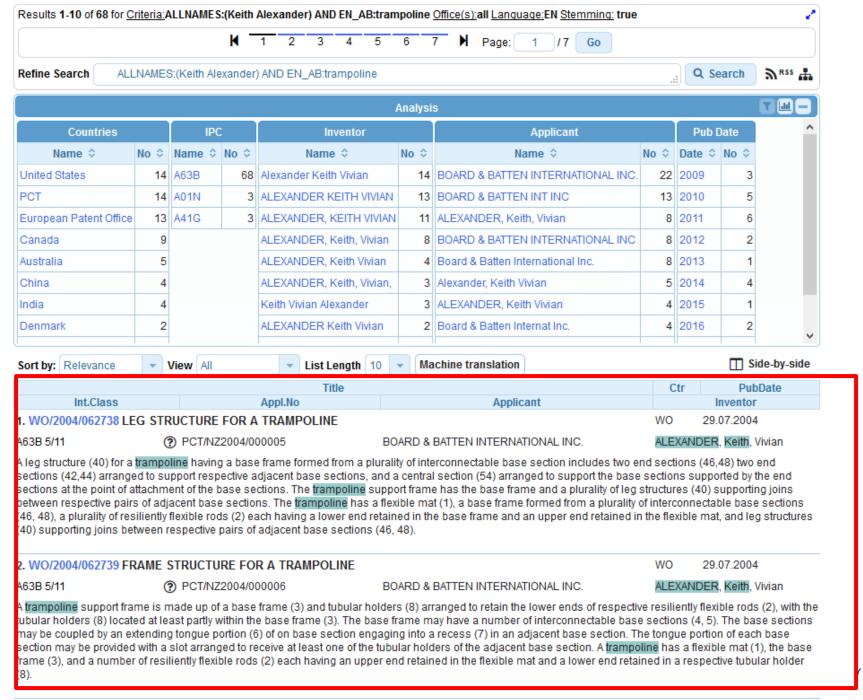


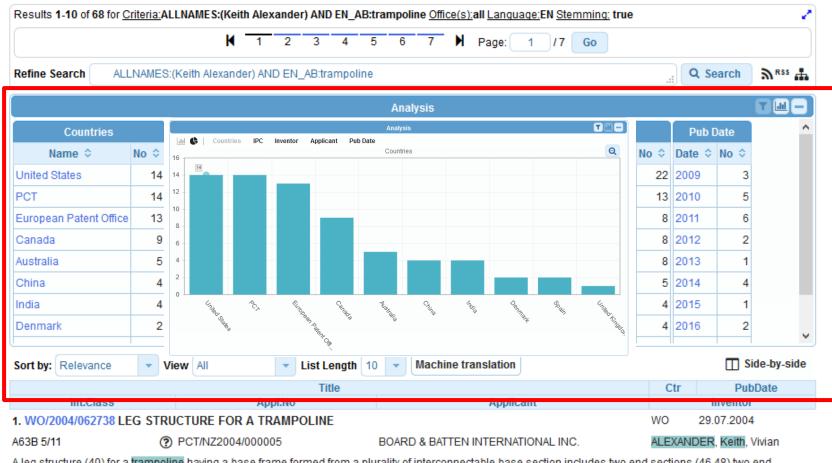


https://patentscope.wipo.int/









A leg structure (40) for a trampoline having a base frame formed from a plurality of interconnectable base section includes two end sections (46,48) two end sections (42,44) arranged to support respective adjacent base sections, and a central section (54) arranged to support the base sections supported by the end sections at the point of attachment of the base sections. The trampoline support frame has the base frame and a plurality of leg structures (40) supporting joins between respective pairs of adjacent base sections. The trampoline has a flexible mat (1), a base frame formed from a plurality of interconnectable base sections (46, 48), a plurality of resiliently flexible rods (2) each having a lower end retained in the base frame and an upper end retained in the flexible mat, and leg structures (40) supporting joins between respective pairs of adjacent base sections (46, 48).

2. WO/2004/062739 FRAME STRUCTURE FOR A TRAMPOLINE

WO 29.07.2004

A63B 5/11

PCT/NZ2004/000006

BOARD & BATTEN INTERNATIONAL INC.

ALEXANDER, Keith, Vivian

A trampoline support frame is made up of a base frame (3) and tubular holders (8) arranged to retain the lower ends of respective resiliently flexible rods (2), with the tubular holders (8) located at least partly within the base frame (3). The base frame may have a number of interconnectable base sections (4, 5). The base sections may be coupled by an extending tongue portion (6) of on base section engaging into a recess (7) in an adjacent base section. The tongue portion of each base section may be provided with a slot arranged to receive at least one of the tubular holders of the adjacent base section. A trampoline has a flexible mat (1), the base frame (3), and a number of resiliently flexible rods (2) each having an upper end retained in the flexible mat and a lower end retained in a respective tubular holder (8).

| Results 1-10 of 68 for Criteria: ALLNAMES: (Keith Alexander) AND EN_AB: trampoline Office(s): all Language: EN Stemming: true | | | | | | | | | | | 2 | |
|---|---------------------|-----------------------------|---|--|--------------------------|--------------------|--|---------------------|-----------------------|-----------------------|--------------------|--|
| | | | K T | 1 2 3 | 4 5 | 6 | 7 N Page: 1 17 Go | | | | | |
| Refine Search ALI | LNAMES | S:(Keith Ale | exander |) AND EN_AB:tram | poline | | | | Q Se | earch | ™ RSS ♣ | |
| Analysis T 🛍 🖃 | | | | | | | | | | | | |
| Countries | Countries IPC | | Inventor | | | Applicant | Pub Date | | ^ | | | |
| Name \$ | No ≎ | Name 💠 | No ≎ | Name \$ | ; | No ≎ | Name ≎ | No ≎ | Date 💠 | No ≎ | | |
| United States | 14 | A63B | 68 | Alexander Keith Vi | ivian | 14 | BOARD & BATTEN INTERNATIONAL INC. | 22 | 2009 | 3 | | |
| PCT | 14 | A01N | 3 | ALEXANDER KEIT | TH VIVIAN | 13 | BOARD & BATTEN INT INC | 13 | 2010 | 5 | | |
| European Patent Office | 13 | A41G | 3 | ALEXANDER, KEI | TH VIVIAN | 11 | ALEXANDER, Keith, Vivian | 8 | 2011 | 6 | | |
| Canada | 9 | | | ALEXANDER, Keit | th, Vivian | 8 | BOARD & BATTEN INTERNATIONAL INC | 8 | 2012 | 2 | | |
| Australia | 5 | | | ALEXANDER, Keit | th Vivian | 4 | Board & Batten International Inc. | 8 | 2013 | 1 | | |
| China | 4 | | | ALEXANDER, Keit | th, Vivian, | 3 | Alexander, Keith Vivian | 5 | 2014 | 4 | | |
| India | 4 | | | Keith Vivian Alexa | nder | 3 | ALEXANDER, Keith Vivian | 4 | 2015 | 1 | | |
| Denmark | 2 | | | ALEXANDER Keitl | h Vivian | 2 | Board & Batten Internat Inc. | 4 | 2016 | 2 | u u | |
| | | | | | | | | | | | <u> </u> | |
| Sort by: Relevance | • | View All | /iew All List Length 10 Machine translation | | | | | | Ⅲ Si | de-by-side | | |
| | Title | | | | | | Ctr PubDate | | | | | |
| | | | Appl.No | | | Applicant | | Inventor | | | | |
| 1. WO/2004/062738 LEG STRUCTURE FOR A TRAMPOLINE WO 29.07.2004 | | | | | | | | | | | | |
| A63B 5/11 PCT/NZ2004/000005 BOARD & BATTEN INTERNATIONAL INC. ALEXANDER, Keith, Vivian | | | | | | | | | /ivian | | | |
| sections (42,44) arrang sections at the point of a | ed to su attachm | ipport resp ent of the b | ective a | djacent base secti ctions. The trampo | ons, and a line suppo | centra ort fram | erconnectable base section includes two e I section (54) arranged to support the base Is has the base frame and a plurality of leg | section structur | ns suppo es (40) s | rted by t upportin | he end ng joins | |

(46, 48), a plurality of resiliently flexible rods (2) each having a lower end retained in the base frame and an upper end retained in the flexible mat, and leg structures (40) supporting joins between respective pairs of adjacent base sections (46, 48).

2. WO/2004/062739 FRAME STRUCTURE FOR A TRAMPOLINE

29.07.2004 WO

A63B 5/11

PCT/NZ2004/000006

BOARD & BATTEN INTERNATIONAL INC.

ALEXANDER, Keith, Vivian

A trampoline support frame is made up of a base frame (3) and tubular holders (8) arranged to retain the lower ends of respective resiliently flexible rods (2), with the tubular holders (8) located at least partly within the base frame (3). The base frame may have a number of interconnectable base sections (4, 5). The base sections may be coupled by an extending tongue portion (6) of on base section engaging into a recess (7) in an adjacent base section. The tongue portion of each base section may be provided with a slot arranged to receive at least one of the tubular holders of the adjacent base section. A trampoline has a flexible mat (1), the base frame (3), and a number of resiliently flexible rods (2) each having an upper end retained in the flexible mat and a lower end retained in a respective tubular holder (8).

Cross-lingual Expansion



Languages

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



32. 13000 το 3τιαρε wearing reporting making ριούσου από αρραιατίο

A63B 5/11 ② 200510062180.7 Huang Yongiun

Huang Yongiun

The present invention is strap weaving rebounder making process and apparatus. The making process includes the steps of preparing material, netting, aligning with special mold, sewing with an improved industrial sewing machine, and correcting. By means of improved aligning tool and improved industrial sewing machine, the made rebounder has high quality and lowered making cost. The present invention makes it possible to raise rebounder sport level and popularize rebounder sport.

33, 102264438 Trampoline padding element, trampoline padding cover and trampoline padding assembly

CN 30.11.2011

A63B 6/00

② 200980152709.0

Bera Tovs B. V.

Van Den Berg Hendrik

Trampoline padding element for a trampoline padding assembly is usable on a trampoline, wherein the trampoline padding element is adapted to cooperate with a trampoline padding cover to form said trampoline padding assembly, the trampoline padding element is of a resilient material and is adapted to at least partly cover rigid and/or moving parts of the trampoline, wherein the trampoline padding element comprises a protection element, preferably provided along an outer circumferential edge of the trampoline padding element, the protection element in use is at least positioned above an upper frame, more in particular above a top rail of the upper frame, of the trampoline. The invention further relates to a trampoline padding cover and a trampoline padding assembly.





National Biblio. Data

Description

Claims

Drawings

Documents

PermaLink 👄

Application Number: 202016000477551 Application Date: 21.05.2016

Publication Number: 205759365 Publication Date: 07.12.2016

Publication Kind: U

PC: A63B 5/11(?)

嘉兴市欧家旅游用品有限公司 Applicants:

inventors: 张波

Priority Data:

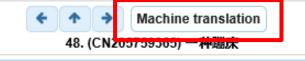
(ZH) 一种蹦床

Title: Abstract:

(ZH) 本实用新型公开了一种蹦床,解决了蹦床放置在不平整的地面上时,不能放置 稳定而影响蹦床使用安全性的问题,其技术方案要点是一种蹦床,包括框架、连接 在框架上的蹦床布和支撑框架的支撑杆,所述支撑杆包括上脚架和下脚架,上脚架 一端固定连接在框架上,另一端与下脚架套接,上脚架与下脚架之间有可调节两者 竖直方向相对位置的调节机构, 达到了蹦床即使放置在不平整的地面上, 也能通过

调节每条支撑杆的长度使蹦床能平稳放置,从而增加蹦床的使用安全性。





ational Biblio. Data

Description

Claims Drawings

Documents

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

一种蹦床

技术领域

本实用新型涉及一种运动器材,更具体地说,它涉及一种蹦床。

背景技术

蹦床是用弹面做成的供人们弹跳的一种运动器材。蹦床的主要作用是供人们运动或者娱乐。

目前,公开号为CN204910597U的中国专利公开了一种可调节倾斜角度的蹦床,它包括框架、用 ·支撑框架的脚架部、设于框架上的蹦床布,还包括长度可调节的支撑部,所述脚架部铰接在框架 :,所述支撑部的两端分别铰接于脚架部以及框架上。

这种蹦床虽然能通过铰连的脚架部来调节整个蹦床的倾斜角度,在地面平整但有一定倾斜角度的 件下能平稳的放置蹦床,但当蹦床所处的地面为不平整的地面时,脚架部会出现一些脚架能触碰到 四面另一些会由于长度关系而碰不到地面,蹦床就不能平稳的放置在地面上,则蹦床在使用的过程 安全性会大大降低。

实用新型内容

1目的。

针对现有技术存在的不足,本实用新型在于提供一种能通过调节单个支撑杆长度使蹦床放置更加 ²稳,从而使蹦床的使用更加安全的蹦床。

为实现上述目的,本实用新型提供了如下技术方案:一种蹦床,包括框架、连接在框架上的蹦床 和支撑框架的支撑杆,所述支撑杆包括上脚架和下脚架,上脚架一端固定连接在框架上,另一端与 脚架套接,上脚架与下脚架之间有可调节两者竖直方向相对位置的调节机构。

通过采用上述技术方案,用于支撑蹦床的支撑杆通过上下脚架套接形成,并且通过调节机构使得 提根脚架都能单独调节长度,则在不平整的地面放置蹦床的时候,通过单独调节每一根脚架的长度, 而达到每一根脚架都能支撑在地面上,则蹦床就可以平稳的放置在地面上,达到使蹦床使用更安全

comprises an upper foot frame and a lower foot frame (4), one end of the upper foot rest is fixedly connected to the frame, and the other end upper foot rest is connected with the lower foot rest (4) in a sleeving manner; an adjusting mechanism capable of adjusting the relative positi two vertical directions is arranged between the upper foot rest and the lower foot stand; The trampoline according to claim 1, wherein the adjusting mechanism comprises a first pin column (7), and a pin column groove is for the lower foot frame (41); the first pin column is inserted into the pin column groove; the upper foot frame (3) and a plurality of holes matched inner ends of the pin columns in an inserted mode are formed in the length direction of the pin column 3. The trampoline according to claim 2, characterized in that: and a mounting box is arranged at the position, on the upper pin column g the lower foot frame, of the upper pin column groove (42), and the first pin column penetrates through the installation box and is inserted into column groove (41); a spring is arranged in the mounting box; the spring (8) is arranged on the first pin column in a sleeved mode; the first pi (7) is provided with a stop piece, and the stop piece is located on the spring (8) and the outer surface of the foot rest; one end of the spring a against the stop piece (72); the other end of the connecting rod is abutted against the inner wall of the mounting box; 4. The trampoline according to claim 2, characterized in that the first pin column (7) away from the foot rest; a pin column cap is arrange

5. The trampoline according to claim 1, characterized in that the lower leg frame (4) away from the upper foot rest,

the sealing ring is fixed on the lower foot frame (4) with a port at one end connected with the upper foot stand

Trampoline, comprising frame, trampoline connected to frame, and support frame (1), and is characterized in that the supporting rod.

Drawings

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

Claims

Documents

National Biblio, Data

end, far away from the foot rest.

Claims

Description

end surface of the anti-skid sleeve is smaller than that of the lower end surface;

groove is formed in the upper foot rack; the rack (33) is arranged in the groove, and one end, close to the rack, of the second pin column is p with an energy source canable of being connected with the rack (33): the second nin column penetrates through the nin column groove to be

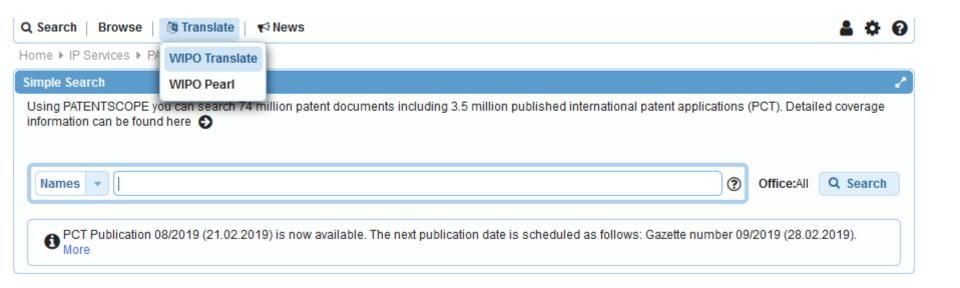
8. The trampoline according to claim 1, and is characterized in that a fixing strip is connected between the supporting rods

The trampoline according to claim 1, wherein the adjusting mechanism comprises a second pin column (9) and a rack; a vertically-an

The trampoline according to claim 5, characterized in that the anti-skid sleeve (5) is in a circular truncated cone shape; the area of the

7. The trampoline according to claim 1, characterized in that the lower leg frame and the upper foot frame (3) is sleeved with a sealing r

WIPOTranslate





[Terms & conditions/User guide]

WIPO Translate NMT is a powerful instant translation tool, designed specifically to translate patent texts (now almost all languages are available using Neural Machine Translation technology). Simply cut and paste text from a patent document into the box below and select from the available language pairs, then click on "Translate".

Text to be translated:

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,浇水装置配合注水室可以将药水直接浇注到植物上,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。

Language pair:

Chinese->English (Neural MT)

Domain:

ADMN-Admin, Business, Management & Soc Sci

Translate

This automatic translation is provided for information only, it may contain discrepancies or mistakes and does not have any juridical value.

- Please hover your mouse over parallel segments of text
- · Click to view other proposals
- · Select words or phrases on the left to access other translation proposals

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,浇水装置配合注水室可以将药水直接浇注到植物上,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。

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 mechanism to perform pruning and leaf shearing on the plants of the garden., and weeds and fallen leaves on the ground can be collected into the garbage collecting frame through the ground cleaning device., the watering device is matched with the water injection chamber, so that the liquid medicine can be directly poured on the plant, the pushing column drives the watering mechanism to spray water on the ground, and the working efficiency is improved.

Edit translation

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,<mark>移动维修机下设有轮胎</mark>,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,浇水装置配合注水室可以将药水直接浇注到植物上,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。

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 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 be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground, and the driving mechanism can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds and fallen leaves on the ground can be used for clearing away weeds an

↓ 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

Edit translation

elated links

WIPO Translate: Cutting-Edge Translation Tool For Patent Docume

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 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 cleaning the ground weeds and the fallen

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

the pruning blade can be used for clea**ning the 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 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 the tire is arranged under the mobile maintenance machine

the pruning blade can be used for clea<mark>ning the ground weeds and fallen leaves, and a tire is arranged under t</mark>he mobile maintenance machine

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 clea<mark>ning the ground weeds and the fallen leaves, and a tire is arranged below the movable maintenance machine</mark>

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 clea<mark>ning the ground weeds and the fallen leaves, and a tire is arranged under the movabl</mark>e 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 t()re 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

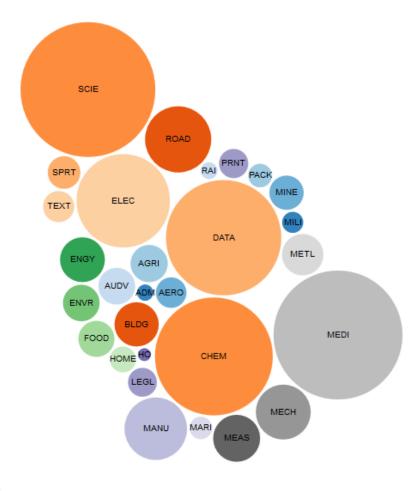
the pruning shears can be used for cleaning the ground weeds and the fallen leaves, and a tire is arranged under the mobile maintenance machine

the pruning blade can be used for cleaning ground weeds and fallen leaves, and

LECTUAL PROPERTY
IIZATION

English->Arabic (Neural MT Beta) Arabic->English (Neural MT Beta) English->German (Neural MT) German->English (Neural MT) English->Spanish (Neural MT) Spanish->English (Neural MT) English->French (Neural MT) French->English (Neural MT) English->Japanese (Neural MT) Japanese->English (Neural MT) English->Korean (Neural MT) Korean->English (Neural MT) English->Portuguese (Neural MT) Portuguese->English (Neural MT) English->Russian (Neural MT) Russian->English (Neural MT) English->Chinese (Neural MT) Chinese->English (Neural MT) U↓↓↓ Previous models (non-Neural) ↓↓↓↓

WIPO Pearl



WIPO Pearl - Linguistic Search

WIPO's multilingual terminology portal gives access to scientific and technical terms derived from patent documents. Search by term, with optional parameters. Select a Source Language for best results, and disable ad-blocking plug-ins.

- User Guide
- · Concept Map Search

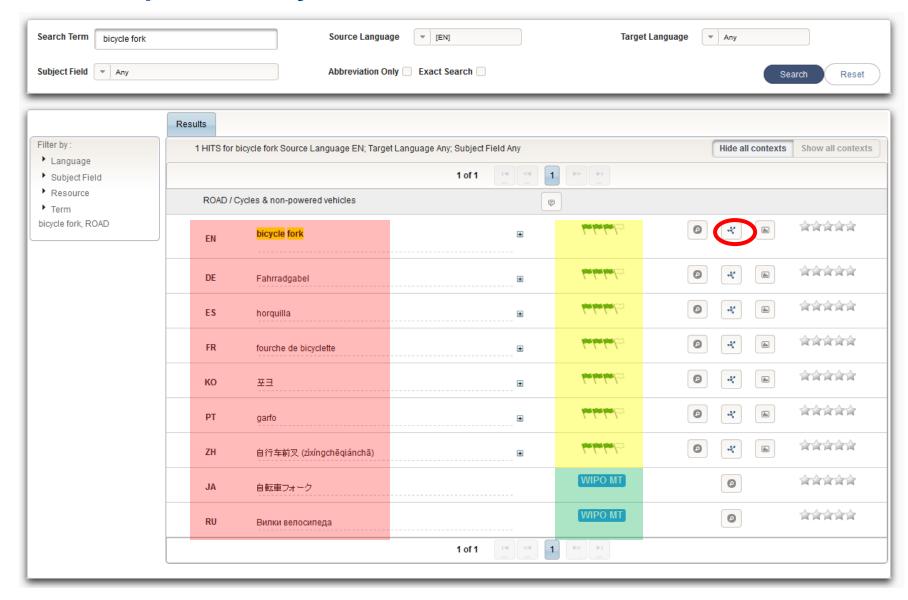
| Search Term | Enter your term here | Source Language Any | Target Language | ▼ Any | | |
|---------------|----------------------|----------------------------------|-----------------|-------|--------|-------|
| Subject Field | w Any | Abbreviation Only Exact Search | | | Search | Reset |

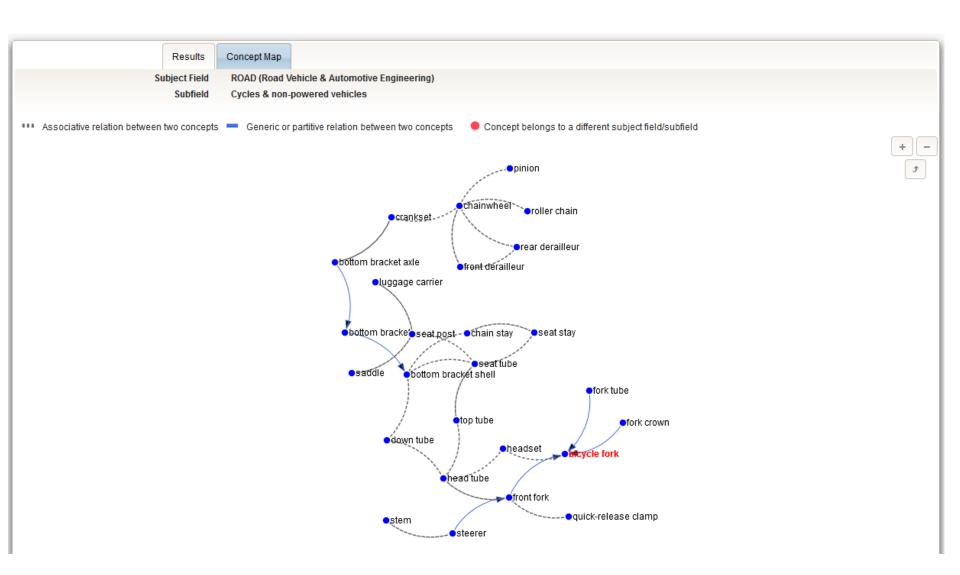
WIPO Pearl

- WIPO's online terminology database
- 17'000 concepts, 160'000 terms
- 10 languages
- Contents validated by WIPO language experts and terminologists



Example: bicycle fork

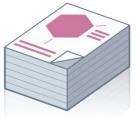




Chemical Compound Search

Principle:

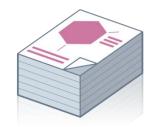
- Standardize all the different representations of chemical structures into Inchikeys
- Recognize chemical compounds in patent texts and from embedded drawings included in patent texts
- Implement search functions for Inchikeys that can be used by non chemists





(...) At the moment the surgical procedure starts, benzodiazepin, e.g. diazepam, is administered in a dose of no more than 5 mg. (...)

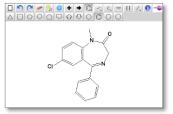




Enriched *PATENTSCOPE*Documents

(...) At the moment the surgical procedure starts, benzodiazepin, e.g.
@AAOVKJBEBIDNHE-UHFFFAOYSA-N@, is administered in a dose of no more than 5 mg. (...)











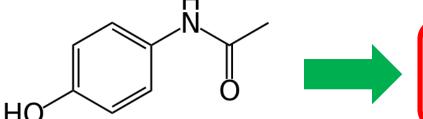
WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Example: Panadol®

(1) IUPAC name



(2) Skeletal formula





InchiKey
RZVAJINKPMORJF-UHFFFAOYSA-N

(3) International Non proprietary Name (INN)

Paracetamol

(4) Trademark, generic name, other names

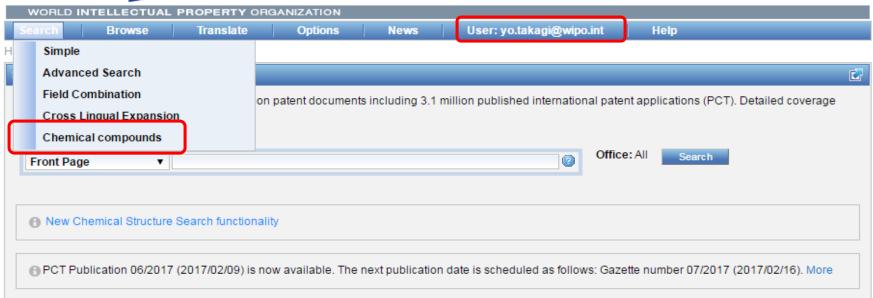
Panadol, Tylenol, Acetaminophen, etc.

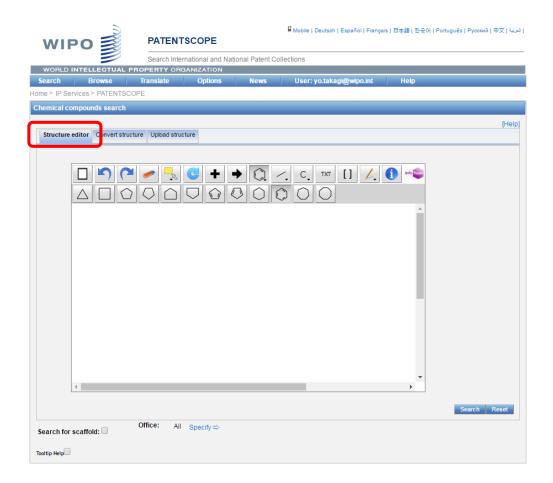




PATENTSCOPE

Search International and National Patent Collections



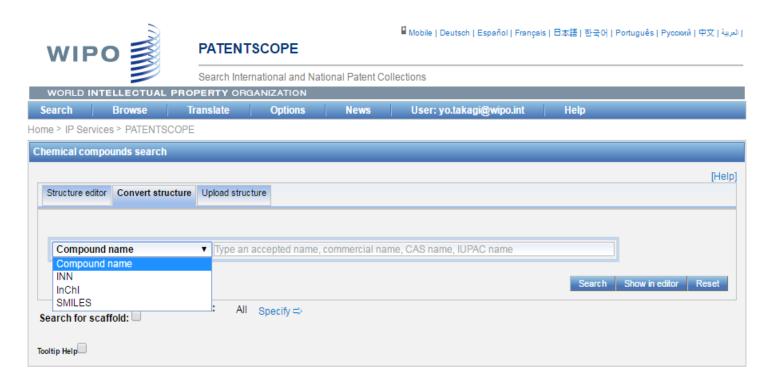


Draw or edit:

- Chemical structures
- Reactions
- Fragments similar to chemical sketches on paper



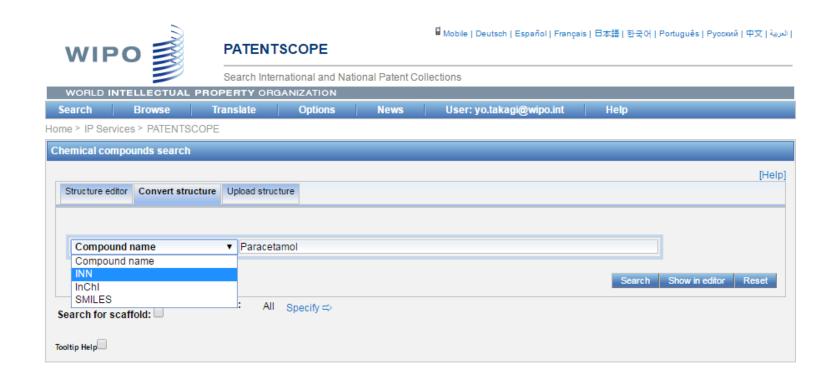
Convert Structure



- PCT/US chemically indexed since 1978(PCT) and 1979(US)
- Code/clinical/chemical/commercial/CAS/INN names
- Exact compounds can be searched no Markush structures



Example: Panadol (Paracetamol)



4. WO/2017/013228 HAND-HELD TEST METER WITH FLUID INGRESS DETECTION CIRCUIT

DOT/ED2016/067460

G04N 27/227

LIEECCAN SCOTI AND LIMITED



WO 26.01.2017

HAMED Malcolm D



PATENTSCOPE

Search International and National Patent Collections

Notices

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Translate Browse

PCT Biblio, Data | Description | Claims | National Ph

Options

User: yo.takagi@wipo.int

Help

Home > IP Services > PATENTSCOPE

Machine translation

1. (WO2017012647) NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS

Compounds

Latest bibliographic data on file with the International Bureau Submit observation

PermaLink @

Pub. No.:

WO/2017/012647 Publication Date: 26.01.2017

International Application No.: PCT/EP2015/066520 20.07.2015

International Filing Date:

C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 29/00 (2006.01), A61P 37/08 (2006.01), A61P 35/00 (2006.01)

Applicants:

IPC:

Search

GALAPAGOS NV [BE/BE]; Generaal De Wittelaan L11/A3 B-2800 Mechelen (BE)

Inventors: MENET, Christel, Jeanne, Marie: (BE).

MAMMOLITI, Oscar: (BE). QUINTON, Evelyne; (BE)

JOANNESSE, Caroline, Martine, Andrée-Marie; (BE).

DE BLIECK, Ann; (BE). BLANC, Javier; (ES)

BAR, Grégory, Louis, Joseph: (BE) Agent:

Priority Data:

Title (EN) NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY

DISORDERS

(FR) NOUVEAUX COMPOSÉS ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT POUR LE TRAITEMENT DE

TROUBLES INFLAMMATOIRES

(EN)The present invention discloses compounds according to Formula (I), wherein R1. Abstract:

> R3, R4, R5, L1, and Cv are as defined herein. The present invention also provides compounds, methods for the production of said compounds of the invention. pharmaceutical compositions comprising the same and their use in allergic or inflammatory conditions, autoimmune diseases, proliferative diseases, transplantation rejection, diseases involving impairment of cartilage turnover, congenital cartilage malformations, and/or diseases associated with hypersecretion of IL6 and/or interferons. The present invention also methods for the prevention and/or treatment of the

aforementioned diseases by administering a compound of the invention.

(FR)La présente invention concerne des composés de formule (I), dans laquelle R1, R3,

R4, R5, L1, et Cy sont tels que définis dans la description. La présente invention concerne également des composés, des procédés de production desdits composés, des

compositions pharmaceutiques les comprenant et leur utilisation dans des troubles

allergiques ou inflammatoires, des maladies auto-immunes, des maladies prolifératives, des rejets de transplantation, des maladies impliquant un trouble du renouvellement du cartilage, des malformations congénitales du cartilage, et/ou des maladies associées à une hypersécrétion de l'IL-6 et/ou des interférons. La présente invention concerne également des méthodes de prévention et/ou de

traitement de ces maladies consistant à administrer un composé de l'invention.

Designated States: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC,

EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG,

SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

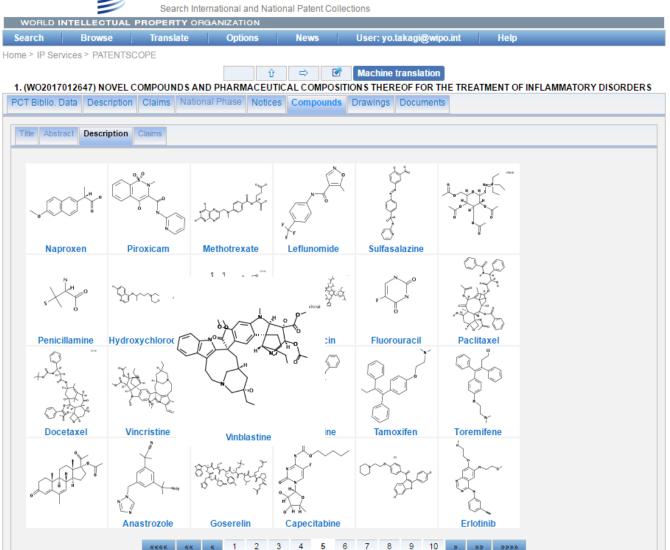
African Regional Intellectual Property Organization (BW. GH. GM. KE, LR, LS, MW. MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW)

WIPO

WORLD INTELLECTUAL PROPERTY ORGANIZATION



PATENTSCOPE



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

to reduce or prevent, respectively, cartilage degradation in the joints of said patient, and preferably terminate, the self-perpetuating processes responsible for said degradation. In a particular embodiment said compound may exhibit cartilage anabolic and/or anti-catabolic properties.

[0208] Injection dose levels range from about 0.1 mg/kg/h to at least 10 mg/kg/h, all for from about 1 to about 120 h and especially 24 to 96 h. A preloading bolus of from about 0.1 mg/kg to about 10 mg/kg or more may also be admi exceed about 2 g/day for a 40 to 80 kg human patient.

[0209] For the prophylaxis and/or treatment of long-term conditions, s months or years so oral dosing is preferred for patient convenience a doses per day are representative regimens. Using these dosing patte with particular doses each providing from about 0.1 to about 10 mg/k

[0210] Transdermal doses are generally selected to provide similar of

[0211] When used to prevent the onset of a condition, a compound of on the advice and under the supervision of a physician, at the dosage include those that have a family history of the condition, or those who developing the condition.

[0212] A compound of the invention can be administered as the sole other compounds that demonstrate

the same or a similar therapeutic activity and that are determined to s administration of two (or more) agents allows for significantly lower d

[0213] In one embodiment, a compound of the invention or a pharma medicament. In a specific embodiment, said pharmaceutical compos

[0214] In one embodiment, a compound of the invention is co-admini involving inflammation; particular agents include, but are not limited t dexamethasone), cyclophosphamide, cyclosporin A, tacrolimus, Myc acetaminophen, ibuprofen, naproxen, and piroxicam.

[0215] In one embodiment, a compound of the invention is co-admini rheumatoid arthritis); particular agents include but are not limited to a Sulfasalazine example but without limitation methotrexate, leflunomide, sulfasalazi azathioprine, and ciclosporin), and biological DMARDS (for example

s=0

the regimen for treatment usually stretches over many one to five and especially two to four and typically three oral bout 0.01 to about 20 mg/kg of a compound of the invention. ut 5 mg/kg.

eady state levels. The maximum total dose is not expected to

hieved using injection doses.

ed to a patient at risk for developing the condition, typically its at risk for developing a particular condition generally testing or screening to be particularly susceptible to

stered in combination with other therapeutic agents, including

bined administration. In a specific embodiment, coreducing the side effects seen.

a compound of the invention is administered as a ther active ingredient.

agent for the treatment and/or prophylaxis of a disease . azathioprine, corticosteroids (e.g. prednisolone or -CD3 (OKT3, e.g. Orthocolone®), ATG, aspirin,

agent for the treatment and/or prophylaxis of arthritis (e.g. lammatory drugs (NSAIDS), steroids, synthetic DMARDS (for lalate, penicillamine, chloroguine, hydroxychloroguine, Etanercept, Adalimumab, Rituximab, and Abatacept).

[0216] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of proliferative disorders; particular agents include but are not limited to: methotrexate, leukovorin, adriamycin, prenisone, bleomycin, cyclophosphamide, 5-fluorouracil, paclitaxel, docetaxel, vincristine, vinblastine, vinorelbine, doxorubicin, tamoxifen, toremifene, megestrol acetate, anastrozole, goserelin, anti-HER2 monoclonal antibody (e.g. HerceptinTM), capecitabine, raloxifene hydrochloride, EGFR inhibitors (e.g. Iressa®, Tarceva™, Erbitux™), VEGF inhibitors (e.g. Avastin™), proteasome inhibitors (e.g., VelcadeTM), Glivec® and hsp90 inhibitors (e.g., 17-AAG), Additionally, a compound of the invention may be administered in combination with other therapies including, but not limited to, radiotherapy or surgery. In a specific embodiment the proliferative disorder is selected from cancer. myeloproliferative disease and leukaemia.

[0217] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of autoimmune diseases, particular agents include but are not limited to: glucocorticoids, cytostatic agents (e.g. purine analogs), alkylating agents, (e.g. nitrogen mustards (cyclophosphamide), nitrosoureas, platinum compounds, and others), antimetabolites (e.g. methotrexate, azathioprine and mercaptopurine), cytotoxic antibiotics (e.g. dactinomycin anthracyclines, mitomycin C, bleomycin, and mithramycin), antibodies (e.g. anti-CD20, anti-CD25 or anti-CD3 (OTK3) monoclonal antibodies, Atgam® and Thymoglobuline®), cyclosporin, tacrolimus, rapamycin (sirolimus), interferons (e.g., IFN-8), TNF binding proteins (e.g., infliximab (Remicade™), etanercept (Enbrel™), or adalimumab (Humira™)), mycophenolate, Fingolimod and Myriocin.

[0218] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of transplantation. rejection, particular agents include but are not limited to: calcineurin inhibitors (e.g. cyclosporin or tacrolimus (FK506)), mTOR inhibitors (e.g. sirolimus, everolimus), anti-proliferatives (e.g. azathioprine, mycophenolic acid), corticosteroids (e.g. prednisolone, hydrocortisone). Antibodies (e.g. monoclonal anti-IL-2Ra receptor antibodies, basiliximab, daclizumab), polyclonal anti-T-cell antibodies (e.g. anti-thymocyte globulin (ATG), anti-lymphocyte globulin (ALG)).

102191 In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of asthma and/or rhinitis and/or COPD, particular agents include but are not limited to: beta2-adrenoceptor agonists (e.g. salbutamol, levalbuterol, terbutaline and bitolterol), epinephrine (inhaled or tablets), anticholinergics (e.g. ipratropium bromide), glucocorticoids (oral or inhaled) Long-acting p2-agonists (e.g. salmeterol, formoterol, bambuterol, and sustained-release oral albuterol), combinations of inhaled steroids and long-acting bronchodilators (e.g. fluticasone/salmeterol,



Collections available





Why should you do a mark search

- Does it already exist?
- Is it distinctive?
- Is anyone infringing my mark?
- What are the market trends?

Image similarity: history

- Released in 2014
- Based on Image features:
 - Shape
 - Color
 - Texture
- Very effective: simple geometric shapes

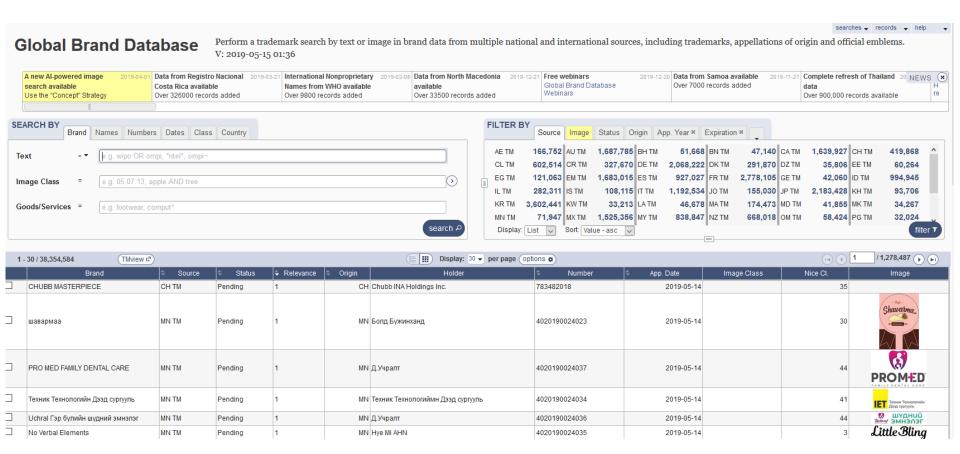


Image similarity: limitation

Semantic similarity

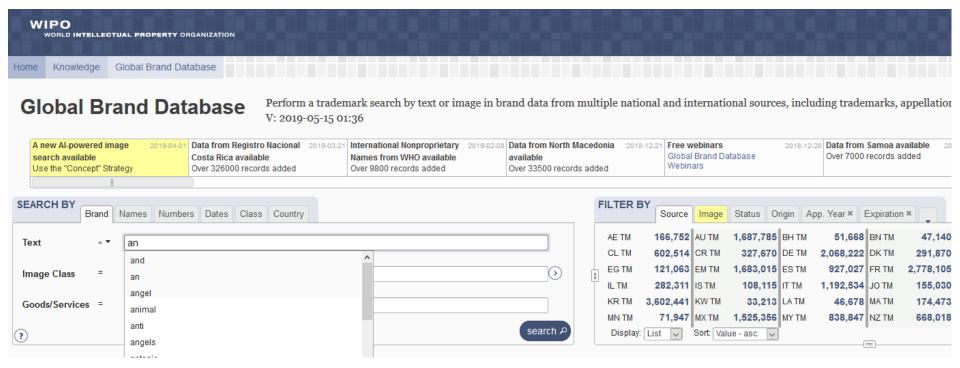


VIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



https://www.wipo.int/branddb

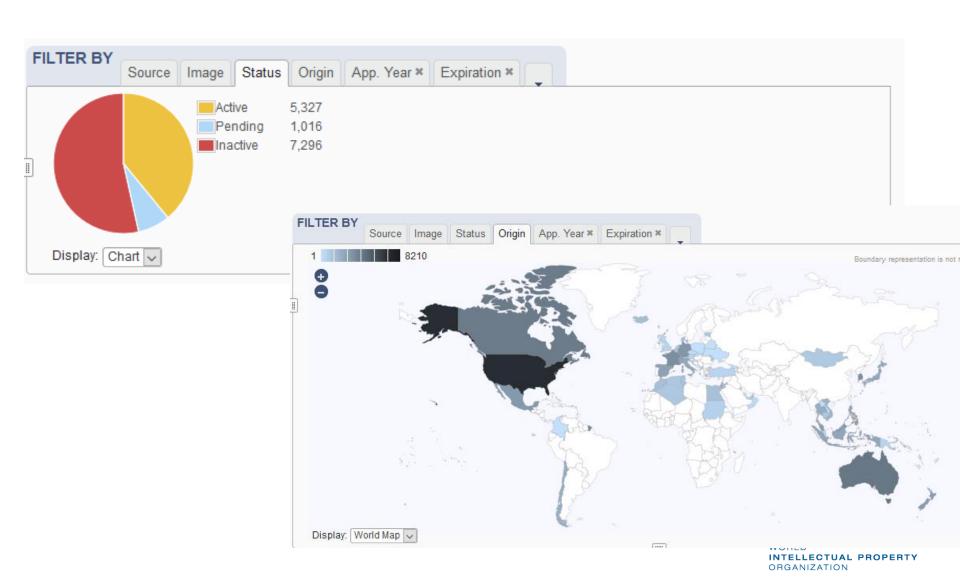


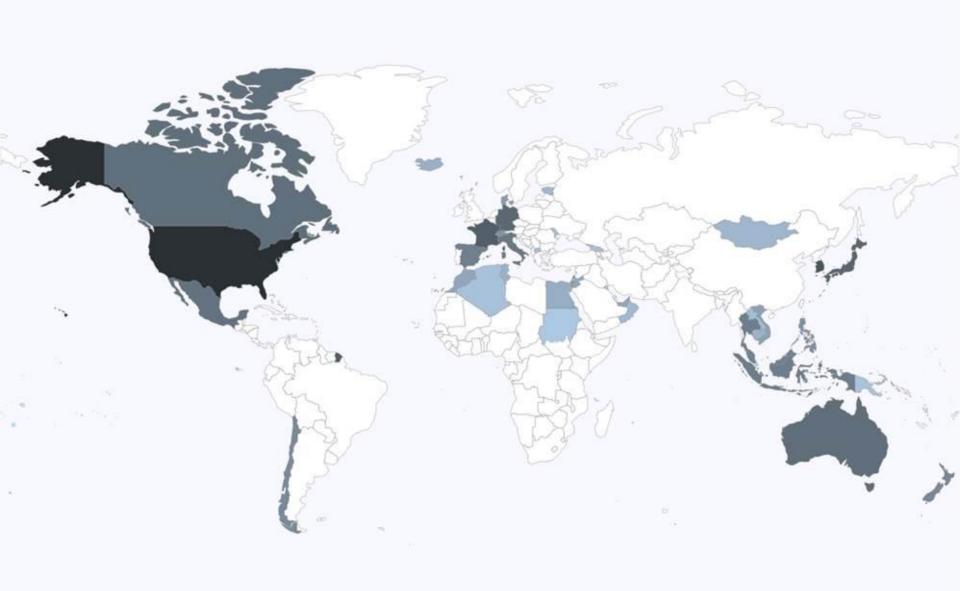


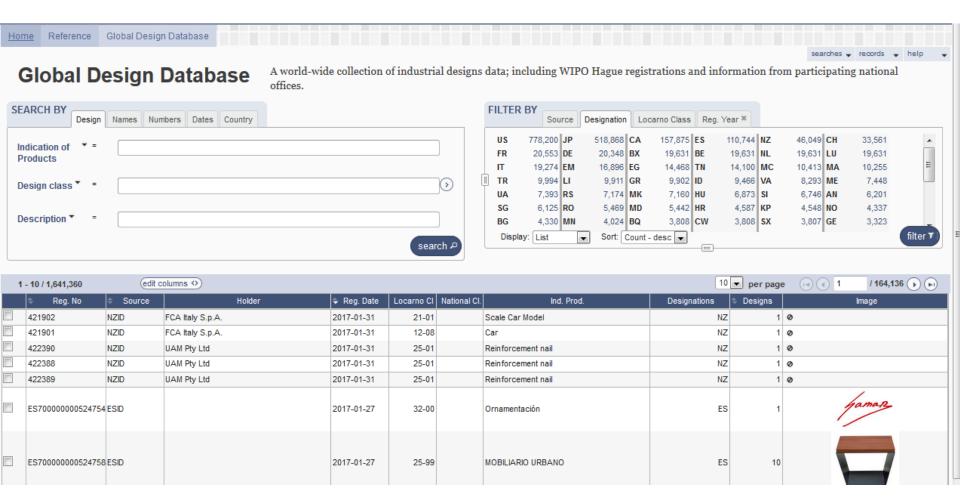


| SEARCH BY | rand | Names Numbers Dates Class Country | | | |
|----------------|------|-----------------------------------|--|--|--|
| Text | = ▼ | | | | |
| Image Class | = | e.g. 05.07.13, apple AND tree | | | |
| Goods/Services | = | e.g. footwear, comput* | | | |
| | | search A | | | |

| FI | ILTER BY | Source | Image | Status Ori | rigin App | p. Year × E | Expiration | × | | | | | | | |
|----|---------------|--------|------------|------------|-----------|-------------|------------|---|----------|-----|-------|-----|-------|-------|------|
| | AE TM | 2 | AU TM | 267 | вн тм | 13 | BN TM | ; | 30 CATM | 298 | CH TM | 31 | CL TM | 19 | ^ |
| | DE TM | 50 | DK TM | 12 | DZ TM | 4 | EE TM | | 9 EG TM | 18 | EM TM | 105 | ESTM | 10 | |
| | FR TM | 62 | GE TM | 9 | ID TM | 75 | IL TM | | 9 IS TM | 9 | IT TM | 26 | JO TM | 20 | |
| ٣ | JP TM | 61 | KH TM | 32 | KR TM | 117 | KW TM | | 3 LATM | 23 | MA TM | 16 | MD TM | 5 | |
| | MKTM | 1 | MN TM | 4 | MX TM | 34 | MY TM | 3 | 19 NZ TM | 196 | OM TM | 0 | PG TM | 10 | |
| | PH TM | 141 | SG TM | 115 | SD TM | 9 | TH TM | 1 | BO TN TM | 6 | то тм | 4 | USTM | 1,301 | V |
| | Display: List | st 🗸 | Sort: Valu | ue - asc 🗸 | | | | | | | | | | filte | er 🔻 |







https://www.wipo.int/designdb



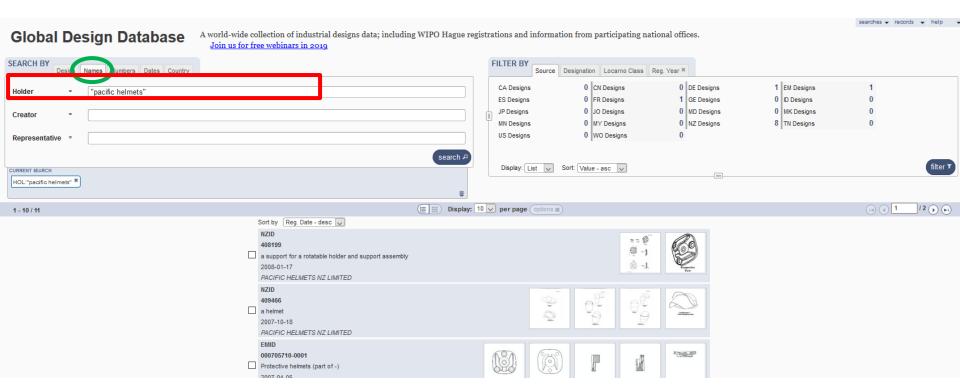
Why should you do a design search

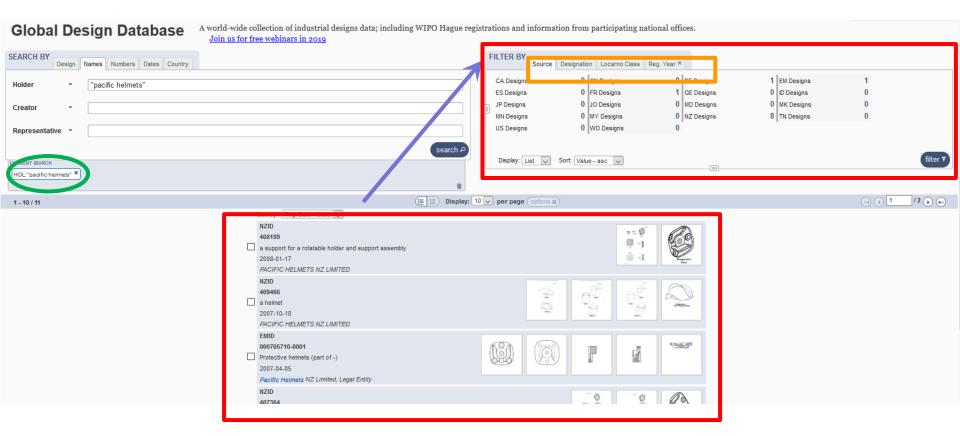
- Does it already exist?
- Is it distinctive?
- Is anyone infringing my design?
- What are the market trends?





WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION



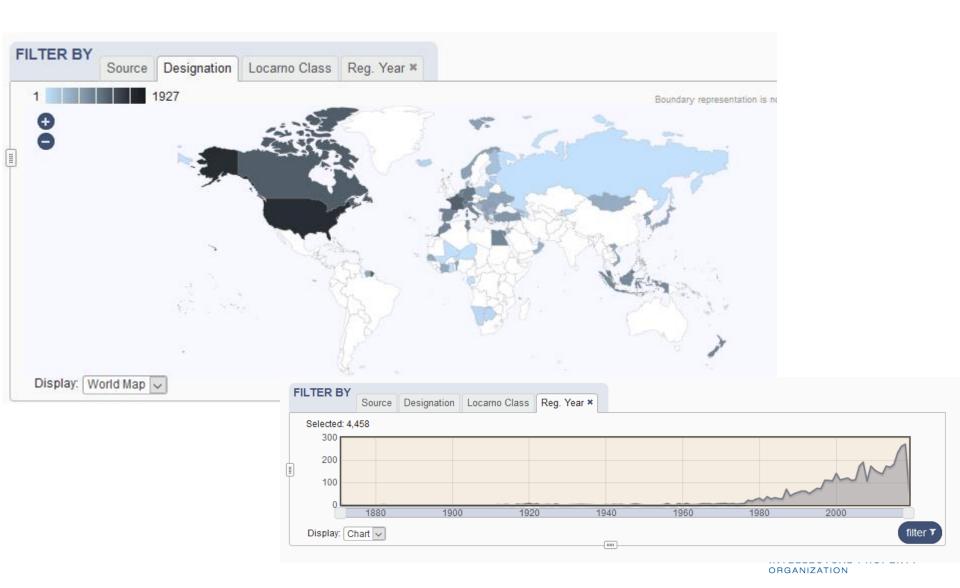


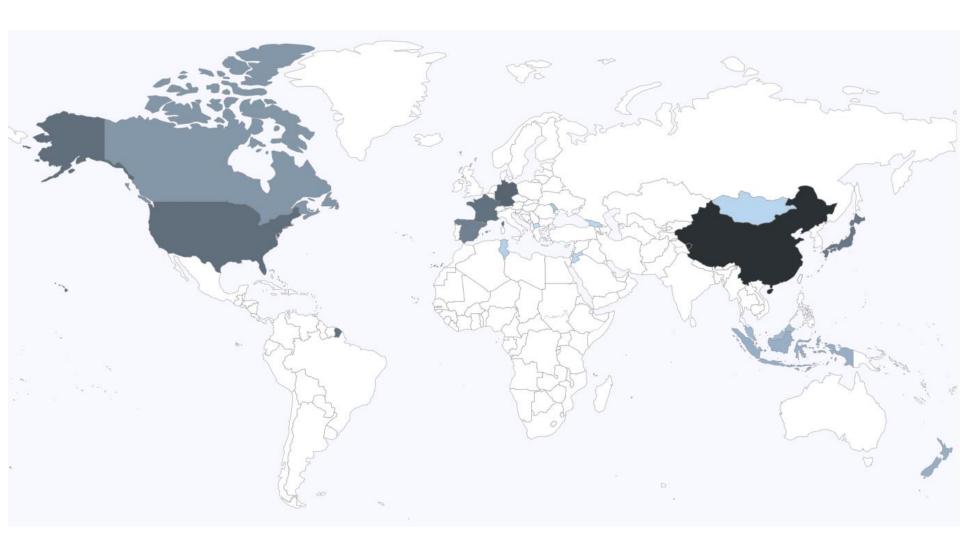


atus: Lapsed (2013-01-25) 1) National Registration Number 409466 Filing Date of the Application 2007-08-31 5) Date of the national registration 2007-11-30 8) Expected expiration date of the registration/renewal 2012-07-24 8) Number of designs included in the national registration 4) Indication of products a helmet Statement of Novelty Application is for a design to be applied to a helmet. The novelty claimed for the design resides in the features of shape and/or configuration of the visors as shown in the representations. 1) Class and subclass of the Locarno Classification 02.03.027 0) Identification of parties concerned with the application or registration Address for service: Aon Centre Level 22, 1 Willis Street, Wellington 6011 3) Name and address of the holder(s) PACIFIC HELMETS NZ LIMITED Physical Address: 315 Heads Road Castlecliff, Wanganui 4501 (NZ) Postal Address: 315 Heads Road Castlediff, Wanganui 4501 (NZ) 4) Name and address of representative AJ PARK Physical Address: Aon Centre Level 22, 1 Willis Street, Wellington 6011 (NZ) Postal Address: PO Box 949 Wellington 6140 (NZ) helmet 497415 Configuration 1 Front Perspective View

| SEARCH BY Design | Names Numbers Dates Country |
|----------------------------|-----------------------------|
| Indication of ▼ = Products | |
| Design class ▼ = | (s) |
| Description ▼ = | |
| | search A |







WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION



WIPO | Re:Search

gsk Glaxxo5mithKline

Sharing Innovation in the Fight Against Neglected Tropical Diseases









Get involved:

- As a user
- As a provider
- As a supporter

Contact email: re_search@wipo.int















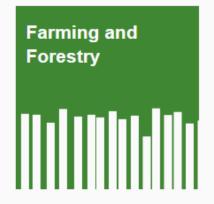
WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



















Search the WIPO GREEN Database

Enter search term

To submit a technology or need, sign in with your WIPO Account.

Find an expert

List of current providers and seekers

Read the Database FAQs

Results per page:



All Results

Technologies (130) Needs (3)

All Categories

Chemicals & Advanced Materials (133)

Other (64)

Surface & finishing materials (39)

Packaging materials & fabric (18)

Insulation (12)

Detergents (8)

Energy (9)

Other Areas (7)

Green Products (6)

Pollution & Waste (6)

Showing 1-10 of 133 results > Database Search > Chemicals & Advanced Materials

Search

Design of intensified processes for producing dichlorohydrin and epichlorohydrin

Dichlorohydrin is an important intermediate for synthesizing epichlorohydrin, a high volume of commodity chemical largely utilized in the production of epoxy resins. In this project, green processes using a atom-efficient and environment-friendly route are used to synthesize dichlorohydrin by reacting glycerol, an available by-product in the biodie ...

Last updated: February 06, 2018

Submitted by: IIPCC

Super self-cleaning material

The Super Self-cleaning Coating is developed and produced by Neatrition Technology Inc.,



IPC Green Inventory

The "IPC Green Inventory", developed by the IPC Committee of Experts, facilitates searches for patent information relating to Environmentally Sound Technologies (ESTs), as listed by the United Nations Framework Convention on Climate Change (UNFCCC).

ESTs are currently scattered widely across the IPC in numerous technical fields. The Inventory attempts to collect them in one place.

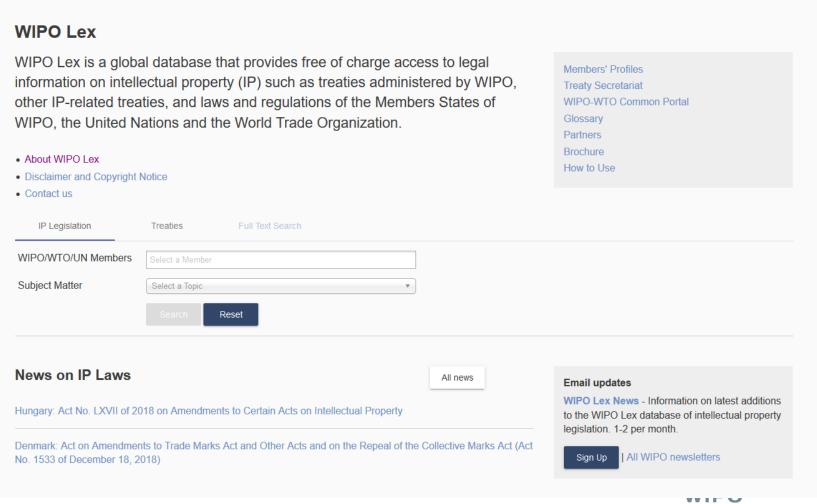
Warning - the Inventory does not purport to be fully exhaustive in its coverage.

Tips!

- The ESTs are presented in a hierarchical structure. Click on the ⇒ sign to open the hierarchy.
- The links in the "IPC" column will take you to the corresponding place in the scheme.
- The links in the PATENTSCOPE column let you automatically search and display all international patent applications available through PATENTSCOPE which are classified in the relevant IPC place. Note: search results may include irrelevant results not relating to the EST.
- ▶ More tips

| TOPIC | IPC | PATENTSCOPE |
|---|--|--|
| ALTERNATIVE ENERGY PRODUCTION | | |
| ▷ Bio-fuels | | |
| Integrated gasification combined cycle (IGCC) | C10L 3/00 F02C 3/28 | C10L 3/00 F02C 3/28 |
| ▶ Fuel cells | H01M 4/86-4/98, 8/00-8/24, 12/00-12/08 | H01M 4/86-4/98, 8/00-8/24, 12/00-12/08 |
| Pyrolysis or gasification of biomass | C10B 53/00 C10J | C10B 53/00 C10J |
| ▶ Harnessing energy from manmade waste | | |
| ▶ Hydro energy | | |
| Ocean thermal energy conversion (OTEC) | F03G 7/05 | F03G 7/05 |
| ▶ Wind energy | <u>F03D</u> | <u>F03D</u> |
| ▶ Solar energy | F24S H02S | <u>F24S</u> <u>H02S</u> |
| ▶ Geothermal energy | F24T | <u>F24T</u> |
| Other production or use of heat, not derived from combustion, e.g. natural heat | <u>F24T 10/00-50/00</u> <u>F24V 30/00-50/00</u> | F24T 10/00-50/00 F24V 30/00-50/00 |
| Using waste heat | | |
| Devices for producing mechanical power from muscle energy | F03G 5/00-5/08 | F03G 5/00-5/08 |

WIPOLex



Home > Knowledge > WIPO Lex

WIPO Lex

WIPO Lex is a global database that provides free of charge access to legal information on intellectual property (IP) such as treaties administered by WIPO, other IP-related treaties, and laws and regulations of the Members States of WIPO, the United Nations and the World Trade Organization.

- About WIPO Lex
- · Disclaimer and Copyright Notice
- Contact us

| IP Legislation | Treaties | Full Text Search | | | |
|---------------------|----------------|------------------|--|--|--|
| WIPO/WTO/UN Members | Finland (62) x | | | | |
| Subject Matter | Select a Topic | | | | |
| | Search Res | et | | | |

News on IP Laws

Spain: Law No. 1/2019 of February 20, 2019, on Trade Secrets

Members' Profiles

Treaty Secretariat

WIPO-WTO Common Portal

Glossary

Partners

Brochure

How to Use

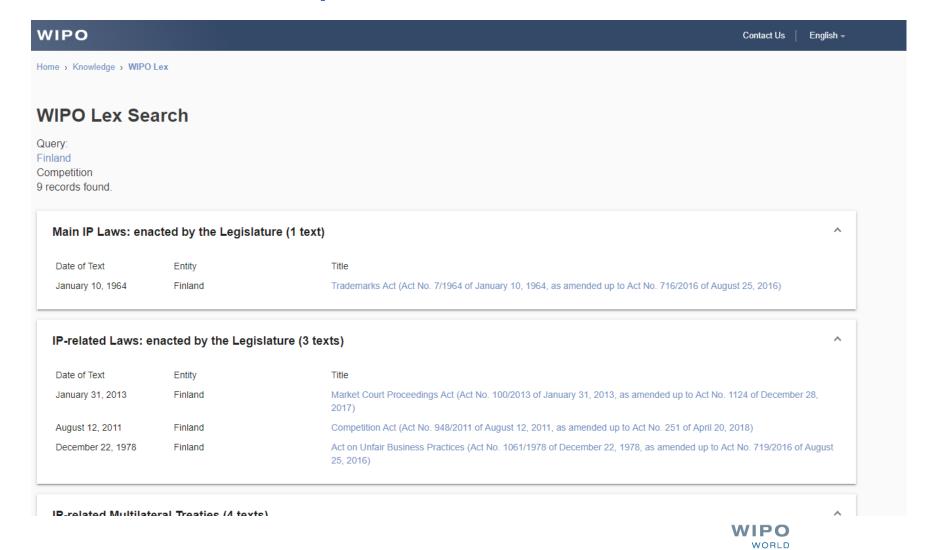
Email updates

All news

WIPO Lex News - Information on latest additions to the WIPO Lex database of intellectual property legislation. 1-2 per month.



Finland- competition



INTELLECTUAL PROPERTY

ORGANIZATION