



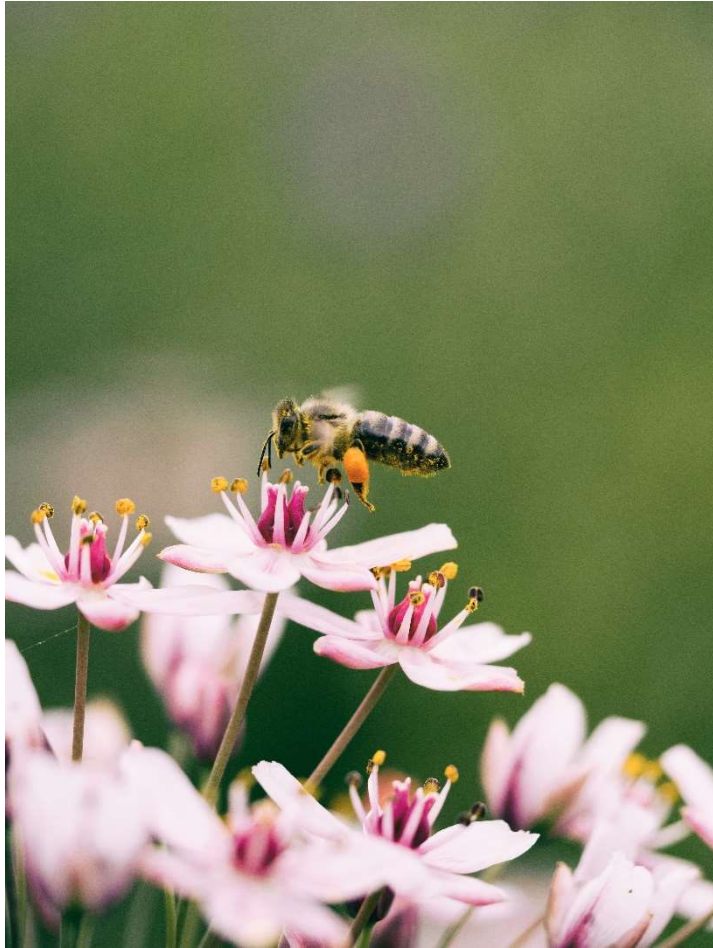
# ■ Importance of PI Dissemination

Regional Workshop on Dissemination and Effective  
Utilization of Patent Information 2018

Tokyo, Japan

■ **William Keyser**  
Software Engineer  
Patent Database Section  
Global Infrastructure Sector  
WIPO, Geneva, Switzerland

# Dissemination



- Definition:  
the act of spreading something, especially information, widely; circulation.

# Agenda

- Introduction
- PI dissemination
- WIPO's Global Dissemination of IP Data Initiative
- PI Quality
- WIPO's arsenal

# Dissemination requirements

- Willingness to share
- Environment that enables sharing
- Good data quality
- Tools

# Sharing

- Patents convey two types of information
  - technical
  - legal
- Play a fundamental role in innovation
  - Informs about owner, technical scope, existing rights
  - Helps establish prior arts but may also inspire new ideas and inventions
  - Helps find potential partners and competitors
- They are a measure of activity in a specific domain or geographical area

# Global Dissemination of IP Data Initiative

- Initiative that encourages and supports the exchange of IP data among national/regional IP offices and WIPO
- Data is then made available to the public via national and WIPO's databases
- open to
  - national IP Offices of all WIPO member states
  - regional IP Offices whose members are WIPO member states
- participation is free of charge

# Data Formats and Transfers

## ■ Structured data

- WIPO Standard ST.36,66,86,96,32
- XML, SGML with a DTD or a schema
- csv files
- Documented flat file structure containing records, database exports

## ■ Unstructured data

- Single TIFF A4 images (black and white 300 DPIS)
- JPEG, PNG, color TIFF, PDF with embedded text and images,
- PDF without embedded text
- Documented flat file structure containing text

## ■ Transfer of data

- FTP pull/ push
- Web services
- Physical media

# PATENTSCOPE Coverage

	Number of records	OCR (full text)	National Phase entries
Brazil	743'573	228'873	
India	487'563		210'987
Indonesia	125'684		13'213
Japan	9'903'731	8'776'083	968'788
Malaysia	160'370		2'260
Mexico	310'298	181'687	231'786
Philippines	22'104		34'104
Thailand	135'293		6'259
Viet Nam	59'935	7145	11'759

Sources:

[https://patentscope.wipo.int/search/en/help/data\\_coverage.jsf](https://patentscope.wipo.int/search/en/help/data_coverage.jsf)

<https://patentscope.wipo.int/search/en/nationalphase.jsf>



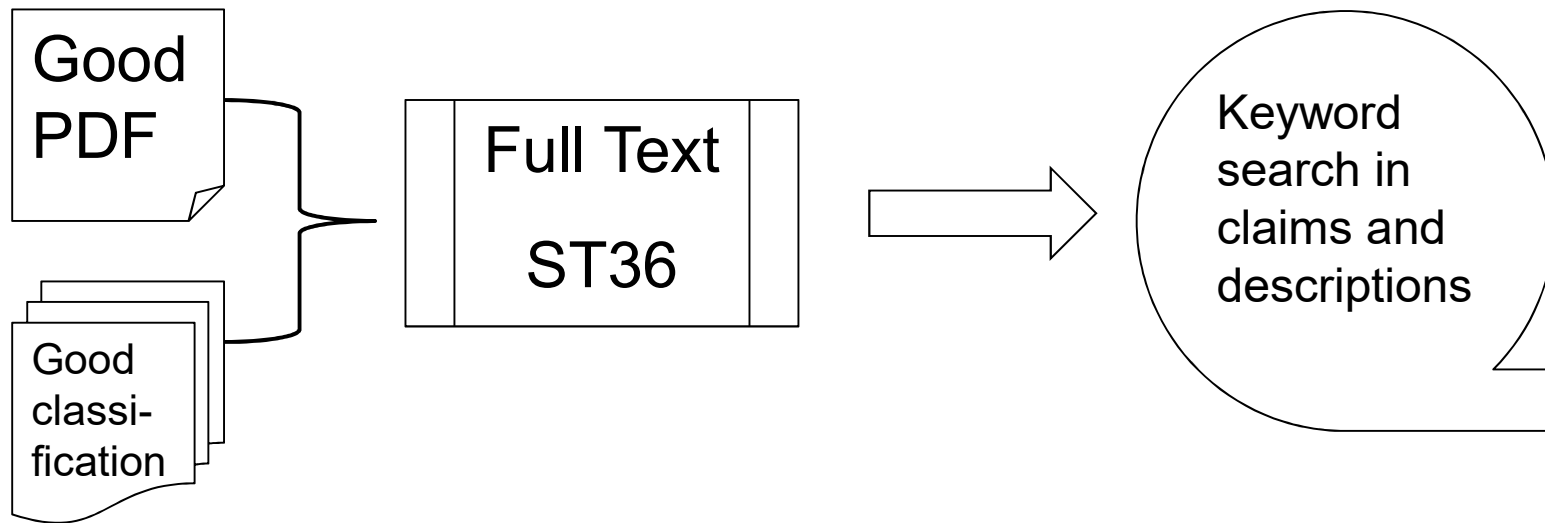
# PI quality

- Standardize numbering scheme
  - Filing number, publication number, grant number
- Robust publication dates
- Good priority numbers and classification codes (IPC/CPC/IPCCAT)
- Full titles and abstracts in original languages
  - no title-less or abstract-less patents
- Scanned published documents
  - PDF with bookmarked start of section
  - TIFF ST36
  - Each document should have a publication number and publication date

# Benefit of PI quality

- Can automatically go to international institutions and applications
  - PATENTSCOPE, ESPACENET, JPLAPAT
  - Increase visibility
- Can be automatically translated into different languages
- Can be automatically scanned by advance tool to extract extra information such as molecule formulas
- Included in new platforms

# Optical Character Recognition OCR



# WIPO's OCR solution for offices

- Black and white high resolution image or a PDF with bookmarks as input
- Performs:
  - Image enhancements
  - Image layout analysis
  - Character recognition in each block
- Export the result as a string, ST-36, HTML
- Not 100% accurate
  - With proofreader, close enough (99.99%)
  - Many proofreading features
- Customizable to office needs

# WIPO's OCR solution

WO 2004/016213

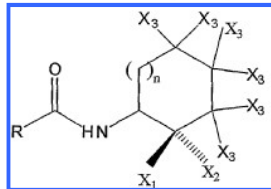
PCT/US2003/025102

- 121 -

72. The method according to claim 71, wherein the *Pseudomonas aeruginosa* autoinducer is selected from the group consisting of *N*-(3-oxododecanoyl)-L-homoserine lactone, *N*-butyloyl-L-homoserine lactone, and 2-heptyl-3-hydroxy-4-quinolone.

73. The method according to claim 72, wherein the *Pseudomonas aeruginosa* autoinducer is *N*-(3-oxododecanoyl)-L-homoserine lactone.

74. A method of inhibiting a quorum sensing mechanism in an organism comprising contacting a cell of an organism possessing a quorum sensing mechanism with an autoinducer analog having the structure



wherein  $X_1$  is selected from the group consisting of H and OH,  $X_2$  is selected from the group consisting of H and OH,  $X_3$  is independently selected from the group consisting of H, OH, SH, OR<sup>1</sup>, SR<sup>1</sup>, NH<sub>2</sub>, NHR<sup>1</sup>, NR<sup>1</sup>R<sup>2</sup>, COOR<sup>1</sup>, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, acyl group, carbonyl, cyano, nitro, halogen, and, adjacent  $X_3$  substituents combined, a cycloalkyl of 3 to 8 carbon atoms, a heterocycloalkyl of 3 to 8 members comprising carbon atoms and from 1 to 6 heteroatoms selected from the group consisting of N, S, and O, and an aryl or heteroaryl ring having 3 to 8 members, wherein R<sup>1</sup> and R<sup>2</sup> are selected from the group consisting of H, alkyl, cycloalkyl, alkenyl, aryl, heteroaryl, carbonyl, and sulfonyl and n is 0 to 4; or

WO 2004/013321

PCT/EP2003/007932

38

Die auf diese Weise erhaltenen DNA-Fragmente wurden mittels *Nde*I und *Hind*III verdaut und in den entsprechend linearisierten Vektor pMS470Δ8 kloniert. Anschließend erfolgte Elektroporation der ligierten Vektoren in *E. coli* SURE-Zellen. Die auf diese Weise erhaltenen Zellen wurden auf LB/Ampicillin-Agarplatten ausplattiert und über Nacht bei 37°C wachsen gelassen. Die Kolonien wurden dann auf ein Filterpapier übertragen. Dieses wurde bei Raumtemperatur getrocknet und anschließend in eine Substratlösung, enthaltend 0,1 mM 1-Methylprop-2-nyl-acetat, 1,2 % (w/v) DMSO, 24 % (v/v) abs. EtOH, 1 % (w/v) Lackmus, 0,5 % (w/v) Triton X-100, 60 mM Tris-HCl, pH 7,0, gegeben. Am Farbumschlag von dunkelblau nach Rot konnte hydrolytische Aktivität nachgewiesen werden. Auf diese Weise konnten die in Tab. aufgeführten sechs Mutanten ermittelt werden:

Tabelle 5: Mutanten mit verbesserter Aktivität in wässriger Lösung

Die Angaben zur Position im Protein beziehen sich auf die modifizierte Esterase die im Expressionsplasmid pMStacXv-86

Mutante	Triplet-Mutation	Aminosäureaustausch	Position im Protein
G1	ATG zu ATT	Met zu Ile	27
G3	ATG zu GTG	Met zu Val	27
G7	TTG zu TCG	Leu zu Ser	56
A1	TCG zu ACG	Ser zu Thr	94
	AGC zu GGC	Ser zu Gly	118
A5	CGC zu CAC	Arg zu His	169
A6	ATG zu ACG	Met zu Thr	27
	TCG zu CCG	Ser zu Pro	251

Um die Aktivität der Mutanten zu ermitteln, wurden die Zellen wie zuvor beschrieben kultiviert und nach Ernte und Aufschluß der Zellen erfolgte Reinigung des Proteins durch Anionenaustauschchromatographie gereinigt. (s. Fig. 9).

Anschließend wurde die Aktivität der Mutanten gegenüber 1-Methylprop-2-nyl-acetat wie auch gegenüber ortho-Nitrophenylacetat im Vergleich zum Wildtyp bestimmt. Bei Verwendung von ortho-Nitrophenylacetat wurde eine Konzentration von 4 mM Substrat vorgegeben.

# Proofreading OCR

Checking OCR for pamphlet 20170101

File Settings Go To..

Navigation  
Page 12

Drawings Navigation

Quality Navigation  
91.50% - Page 12

Confidence  
91.50%

Actions

	Repeat
ReOCR	ReOCR 90
Add Drawing	Remove Drawing
Del All Drawings	Delete Chars

between programmable Mealy

BRIEF SUMMARY

According to one embodiment

be dependent only from the cu

(FSMsi-) are..prograirimable, there is no me  
between the FivMx.  
The present invention is directed to address  
between programmable Mealy type FSMs.  
BRHIF .SUMMARY  
According to one embodiment, in each fini  
he dependent only from the current state ;  
communication inputs ofthe other machin  
State Machine which can be connected to ;  
State Machine is provided where each mac  
( tables) of data where the two array data s  
have been used to prevent a combinationa  
generating; a etmimuni cation, output vecto  
which docs not depend on a communicatic  
other ISM ). in each program mable Id nit  
structures stores input compare vectors (i.  
may be applied to the FS.M as an input vec  
output vectors (i.e., output signals), next s  
next state start address (i.e.. a starting ad  
set of rows are; devoted to the next state).  
In; an embodiment there is disclosed a me  
programmable Finite State Machines which  
Comprising, in each FSM: providing a first  
structure, the first array data structure only  
external input vectors and communication

# WIPO's arsenal

- PATENTSCOPE
- Pat-Informed
- WIPO Pearl
- International Patent Classification
- Global Brand Database
- Global Design Database
- WIPO Lex
- ...

# PATENTSCOPE

- Reminder
- New look
- Gazette archives
- National Phase Entries download
- Easy expanded query
- Charts are back
- Chemical substructure search



# Summary

- 71 million patent applications from 60+ countries/regions
- Nearly 3.5 million published PCT applications  
(first publish every week, high quality full text)
- 35'000 unique users per day
- Full-Text Search
- Chemical Search
- Analyze results by graphs and charts
- Search and read in 10 different languages



**Free of charge**

# Usage

## ■ Companies

- Follow competitors
- Study trends for technologies and territories
- Find technologies for which protection has expired to exploit them
- Check if an invention has already been patented to avoid R&D/patent application costs

## ■ Universities

- Find new technologies

## ■ Patent Offices

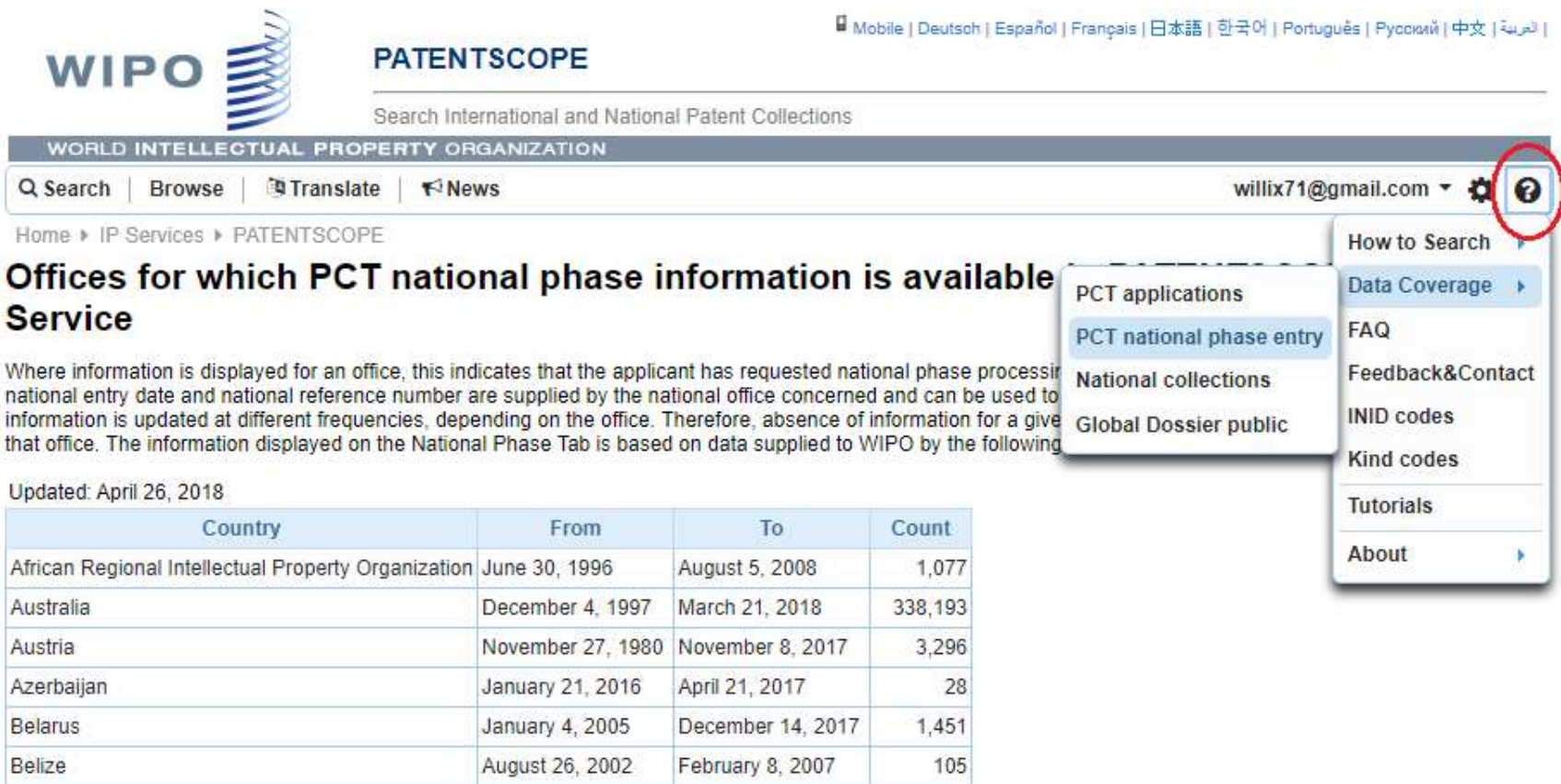
- Access all the documents associated with a patent

# New look

The screenshot shows the WIPO PATENTSCOPE website with the old interface. The header includes the WIPO logo, the text "PATENTSCOPE", and a list of languages: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below the header is a navigation bar with "WORLD INTELLECTUAL PROPERTY ORGANIZATION" and buttons for Search, Browse, Translate, Options, News, Login, and Help. The main content area has a "Simple Search" section with a search box containing "Front Page" and a "Search" button. A notification at the bottom states: "PCT Publication 28/2018 (2018/07/12) is now available. The next publication date is scheduled as follows: Gazette number 29/2018 (2018/07/19). More".

The screenshot shows the WIPO PATENTSCOPE website with the new interface. The header is similar to the old version but includes a user profile "willix71@gmail.com" with a settings gear icon and a help icon. The navigation bar now includes "Q Search" and "News" buttons. The "Simple Search" section features a search box with "Front Page" and a "Search" button with a magnifying glass icon. The notification at the bottom states: "PCT Publication 40/2018 (04.10.2018) is now available. The next publication date is scheduled as follows: Gazette number 41/2018 (11.10.2018). More".

# PCT national phase entry coverage



The screenshot shows the WIPO PATENTSCOPE website interface. At the top, the WIPO logo and 'PATENTSCOPE' are visible, along with a language selection menu. Below the header, there is a navigation bar with 'Search', 'Browse', 'Translate', and 'News' options. The user's email 'willix71@gmail.com' and a settings icon are also present. A dropdown menu is open, showing various navigation options, with 'PCT national phase entry' highlighted. Below the menu, the page title 'Offices for which PCT national phase information is available Service' is displayed, followed by a descriptive paragraph and a table of data.

Home ▶ IP.Services ▶ PATENTSCOPE

## Offices for which PCT national phase information is available Service

Where information is displayed for an office, this indicates that the applicant has requested national phase processing. national entry date and national reference number are supplied by the national office concerned and can be used to track the progress of the application. The information is updated at different frequencies, depending on the office. Therefore, absence of information for a given office does not necessarily mean that the information is not available. The information displayed on the National Phase Tab is based on data supplied to WIPO by the following offices:

Updated: April 26, 2018

Country	From	To	Count
African Regional Intellectual Property Organization	June 30, 1996	August 5, 2008	1,077
Australia	December 4, 1997	March 21, 2018	338,193
Austria	November 27, 1980	November 8, 2017	3,296
Azerbaijan	January 21, 2016	April 21, 2017	28
Belarus	January 4, 2005	December 14, 2017	1,451
Belize	August 26, 2002	February 8, 2007	105

# National collections coverage



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | News

willix71@gmail.com

Home > IP Services > PATENTSCOPE

## National Collections - Data Coverage

Last Update: 2018-09-26

Country	Biblio Data	Abstract	Doc images	OCR (full-text Indexed)		
PCT	20.10.1978 - 28.09.2018	20.10.1978 - 28.09.2018	3382053	Total records: 337 English: 2015695 French: 120602 Spanish: 23972 German: 360979 Korean: 86151 Japanese: 546254 Chinese: 202445 Russian: 17927 Portuguese: 3826		
Argentina	12.02.1965 - 30.08.2018	01.11.1990 - 30.08.2018	9741	Total records: 8904 Spanish: 8904	158,944	
Australia	15.01.1900 - 10.08.2018	09.01.1981 - 10.08.2018		Total records: 569911 English: 569911	1,668,052	
Bahrain	10.03.1957 - 29.09.2005	10.03.1957 - 29.09.2005			1,411	
Brazil	26.04.1972 - 08.08.2018	26.04.1989 - 08.08.2018	230198	Total records: 228873 Portuguese: 228873	738,692	

- PCT applications
- PCT national phase entry
- National collections
- Global Dossier public

- How to Search
- Data Coverage
- FAQ
- Feedback&Contact
- INID codes
- Kind codes
- Tutorials
- About

# Gazette Archives / Authority File

**WIPO PATENTSCOPE**  
Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Q Search | Browse | Translate | News | willix71@gmail.com

Home ▶ IP Services ▶ PATENTSCOPE

PCT Publications - Gazettes Archive

Year: 2018 | 10/2018

Gazette: 10/2018

No	WO Number	Title	Kind	Appl.No	IPC	Applicant
1.	WO/2018/040202	WASHING MACHINE, WASHING RESERVATION METHOD AND RESERVATION SYSTEM FOR WASHING MACHINE	Initial Publication with ISR [A1]	CN2016/100918	D06F 33/02	WUXI LITTLE SWAN CO., LTD.
2.	WO/2018/040160	MISMATCH COMPENSATION METHOD AND MISMATCH COMPENSATION DEVICE FOR RADIO FREQUENCY TRANSMISSION LINE	Initial Publication with ISR [A1]	CN2016/100277	H03H 11/28	YULONG COMPUTER TELECOMMUNICATION SCIENTIFIC (SHENZHEN) CO., LTD.
3.	WO/2018/040129	WINDSHIELD WIPER AND AUTOMOBILE COMPRISING SAME	Initial Publication with ISR [A1]	CN2016/098984	B60S 1/34	TAN, Zhuang
4.	WO/2018/042561	ROD INTEGRATOR HOLDING DEVICE AND PROJECTOR	Initial Publication with ISR [A1]	JP2016/075525	G02B 7/00	NEC DISPLAY SOLUTIONS, LTD.

# National Phase Entries download

The image shows a screenshot of the WIPO website interface on the left and a file explorer window for 'npe.zip' on the right. The website has a search bar and a 'Browse' menu with options like 'Browse by Week (PCT)', 'Gazette Archive', and 'Download National Phase'. The file explorer shows a list of CSV files for various countries, including their sizes and packed sizes. An inset table provides a detailed view of the first nine entries.

Name	Size	Packed	Type	Modified	CRC32
BY.csv	64,254	14,407	Microsoft Excel Co...	20/09/2018 10:...	451616CC
BZ.csv	4,326	1,171	Microsoft Excel Co...	20/09/2018 10:...	8EED049E
CA.csv	25,023,875	4,394,145	Microsoft Excel Co...	20/09/2018 10:...	5C09A04F
CH.csv	28,596	6,203	Microsoft Excel Co...	20/09/2018 10:...	8C19FDAD
CN.csv	31,392,351	5,076,569	Microsoft Excel Co...	20/09/2018 10:...	9E60F313
CO.csv	1,013,194	204,253	Microsoft Excel Co...	20/09/2018 10:...	D57A6797
CR.csv	36,633	7,397	Microsoft Excel Co...	20/09/2018 10:...	10EDE158
CU.csv	12,782	2,778	Microsoft Excel Co...	20/09/2018 10:...	720D1293
CZ.csv	1,292,885	219,090	Microsoft Excel Co...	20/09/2018 10:...	5152A48F
DE.csv	4,790,405	723,590	Microsoft Excel Co...	20/09/2018 10:...	FF4F347C
DK.csv	1,513	442	Microsoft Excel Co...	20/09/2018 10:...	527D37BF
EA.csv	1,833,576	325,721	Microsoft Excel Co...	20/09/2018 10:...	66A8C3CA
EG.csv	167,607	29,744	Microsoft Excel Co...	20/09/2018 10:...	78188F58
EP.csv	70,481,720				
ES.csv	116,040				
FI.csv	904,036				
GB.csv	1,974,937				
GE.csv	234,276				
HR.csv	183,051				
HU.csv	4,058				
ID.csv	640,760				
IL.csv	3,326,576				
IN.csv	10,584,832				
index.csv	2,022				
IR.csv	1,928				
JP.csv	38,954,600				
KE.csv	10,342	2,518	Microsoft Excel Co...	20/09/2018 10:...	48EC0177
KG.csv	362	179	Microsoft Excel Co...	20/09/2018 10:...	C36746BA
KH.csv	105	97	Microsoft Excel Co...	20/09/2018 10:...	1A70CD97
KR.csv	21,771,977	3,439,017	Microsoft Excel Co...	20/09/2018 10:...	575B6769
KZ.csv	26,651	5,503	Microsoft Excel Co...	20/09/2018 10:...	2419F1D3
LT.csv	28,970	6,341	Microsoft Excel Co...	20/09/2018 10:...	516B621E
LV.csv	14,622	3,416	Microsoft Excel Co...	20/09/2018 10:...	80737E80
MA.csv	56,160	12,048	Microsoft Excel Co...	20/09/2018 10:...	CAC58B...

	A	B	C	D	E
1	Office Code	IA Number	National Number	Entry Date	
2	JP	PCT/US1996/010879	1997505189	05/01/1997	
3	JP	PCT/US1995/009078	1996503992	06/01/1997	
4	JP	PCT/US1995/008179	1996503915	06/01/1997	
5	JP	PCT/RU1995/000138	1996503560	06/01/1997	
6	JP	PCT/EP1995/002580	1996503673	06/01/1997	
7	JP	PCT/US1996/008929	1997501379	06/01/1997	
8	JP	PCT/US1995/007547	1996504302	07/01/1997	
9	JP	PCT/EP1995/000906	1996504156	07/01/1997	

# New ASEAN countries

**Advanced Search**

Search For:  ?

[Expand with related terms](#) ↓


Language:  Stem:  Office:  All

- All
- PCT
- Africa
  - African Regional Intellectual Property Organization (ARIPO)
  - Egypt
  - Kenya
  - Morocco
  - Tunisia
  - South Africa
- Americas
  - United States of America
  - Canada
  - LATIPAT
    - Argentina
    - Brazil
    - Chile
    - Colombia
    - Costa Rica
    - Cuba
    - Dominican Rep.
    - Ecuador
    - El Salvador
    - Guatemala
    - Honduras
    - Mexico
    - Nicaragua
    - Panama
    - Peru
    - Uruguay
- Asia-Europe
  - Australia
  - Bahrain
  - China
  - Denmark
  - Estonia
  - Eurasian Patent Office
  - European Patent Office (EPO)
  - France
  - Germany
  - Germany(DDR data)
  - Israel
  - Japan
  - Jordan
  - Portugal
  - Russian Federation
  - Russian Federation(USSR data)
  - Saudi Arabia
  - United Arab Emirates
  - Spain
  - Republic of Korea
  - India
  - United Kingdom
  - Georgia
- Asean
  - Singapore
  - Viet Nam
  - Indonesia
  - Cambodia
  - Malaysia
  - Brunei Darussalam
  - Philippines
  - Thailand

Instant Help  Tooltip Help





# Easy expanded query


**WIPO**  **PATENTSCOPE** Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية


Search International and National Patent Collections


WORLD INTELLECTUAL PROPERTY ORGANIZATION


Q Search | Browse | Translate | News willix71@gmail.com  


Home > IP Services > PATENTSCOPE

**Advanced Search** 

Search For:  

Hide the expanded query 

Expanded query:  

Language:   Stem:  Office:  All

Instant Help  Tooltip Help

# Cross Lingual Expansion (CLIR)

The screenshot displays the WIPO PATENTSCOPE search interface. At the top left is the WIPO logo. The main header reads "PATENTSCOPE" and "Search International and National Patent Collections". A navigation bar includes "Search", "Browse", "Translate", and "News". The user's email "willix71@gmail.com" and a settings icon are visible in the top right. A search bar contains the text "football shoes". A dropdown menu is open over the search bar, listing search options: "Simple", "Advanced Search", "Field Combination", "Cross Lingual Expansion" (which is highlighted), and "Chemical compounds". Below the search bar, there are two dropdown menus: "Query Language: English" and "Expansion Mode: Automatic". A precision slider is set to "1" between "Precision" and "Recall". A "Submit Query" button is located at the bottom right of the search area.

# Cross Lingual Expansion (CLIR)

The screenshot displays the WIPO PATENTSCOPE website interface. At the top left is the WIPO logo, and to its right is the text 'PATENTSCOPE'. Below this is the search bar with the text 'Search International and National Patent Collections:'. The top navigation bar includes 'WORLD INTELLECTUAL PROPERTY ORGANIZATION', 'Search', 'Browse', 'Translate', and 'News'. The user's email 'willix71@gmail.com' and a settings icon are visible on the right. The main content area is titled 'Cross Lingual Expansion - football shoes'. It features a search input field containing 'football shoes'. Below the search field are three dropdown menus: 'Query Language' set to 'English', 'Expansion Mode' set to 'Supervised', and 'Precision' with a toggle switch and a dropdown menu showing 'Automatic' and 'Supervised' (highlighted). A 'Next' button is located at the bottom right of the search area.

# Cross Lingual Expansion (CLIR)

**WIPO** PATENTSCOPE  
Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Q Search | Browse | Translate | News willix71@gmail.com

Home > IP Services > PATENTSCOPE

Cross Lingual Expansion - football shoes [Help]

[ADMN] Admin, Business, Management & Soc Sci  
[AERO] Aeronautics & Aerospace Engineering  
[AGRI] Agriculture, Fisheries & Forestry  
[AUDV] Audio, Audiovisual, Image & Video Tech  
[AUTO] Automotive & Road Vehicle Engineering  
[BLDG] Civil Engineering & Building Construction  
[CHEM] Chemical & Materials Technology  
[DATA] Computer Sci, Telecom & Broadcasting  
[ELEC] Electrical Engineering & Electronics  
[ENGY] Energy, Fuels & Heat Transfer Eng  
[ENVR] Environmental & Safety Engineering  
[FOOD] Foods & Food Technology  
[GENR] Generalities, Language, Media & Info Sci  
[HOME] Home Contents & Household Maintenance  
[HORO] Precision Mechanics, Jewelry & Horology  
[MANU] Manufacturing & Materials Handling Tech

[TEXT] Textile & Clothing Industries

Add  
Remove

Back Expand Synonyms

# Cross Lingual Expansion (CLIR)

The screenshot shows the WIPO PATENTSCOPE interface for Cross Lingual Expansion (CLIR). The page title is "Cross Lingual Expansion - football shoes". The main content area is titled "Term 1: football shoes" and contains a "Variants" tab. Under the "Variants" tab, there is a checkbox "Keep term untranslated when expanding query in other languages" which is unchecked. Below this is a slider control labeled "Less" and "More" with a value of "1". There are four checked checkboxes: "soccer shoes", "football boots", "football boot percentage", and "football boot attachment". There is also one unchecked checkbox: "soccer boots". An "Add Variant" button is located below the checkboxes. At the bottom of the interface, there are buttons for "Back", "Start Over", and "Translate Selected Terms".

WIPO PATENTSCOPE  
Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Q Search | Browse | Translate | News

willix71@gmail.com

Home | IP Services | PATENTSCOPE

Cross Lingual Expansion - football shoes

[Help]

Term 1: football shoes

Variants Domains [TEXT]

Keep term untranslated when expanding query in other languages

Less 1 More

soccer shoes  football boots  football boot percentage  football boot attachment

soccer boots

Add Variant

Term 2: shoes

Term 3: football

Back Start Over Translate Selected Terms

# Cross Lingual Expansion (CLIR)

The screenshot shows the WIPO PATENTSCOPE search interface. At the top left is the WIPO logo and the text 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. To the right is the 'PATENTSCOPE' logo and the tagline 'Search International and National Patent Collections'. A language menu at the top right includes options for Mobile, Deutsch, Español, Français, 日本語, 한국어, Português, Русский, 中文, and العربية. Below the header is a navigation bar with 'Search', 'Browse', 'Translate', and 'News' links, and a user profile 'willix71@gmail.com' with settings and help icons. The main content area is titled 'Cross Lingual Expansion - football shoes' and features a language selection bar with buttons for English, Danish, German, Spanish, French, Italian, Japanese (highlighted), Korean, Polish, Portuguese, Russian, and Swedish, plus Chinese and IPC. A search input field contains the Japanese query: "特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ". Below the input field are search options: 'Field(s) you want to search:' set to 'Abstract', 'Acceptable distance between matched words:' set to 'Sentence', and 'Stemming' checked. At the bottom are 'Back', 'Start Over', and 'Submit Query' buttons.

# Cross Lingual Expansion (CLIR)

The screenshot shows the WIPO PATENTSCOPE search interface. At the top, the WIPO logo and 'PATENTSCOPE' are displayed, along with a navigation bar for various languages: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this, the search bar contains the text 'Cross Lingual Expansion - football shoes'. The interface includes a search bar with 'Search', 'Browse', 'Translate', and 'News' options, and a user profile 'willix71@gmail.com'. The search results section shows the following settings:

- Field(s) you want to search: Title and Abstract
- Acceptable distance between matched words: Sentence
- Stemming: Minimal

The 'Acceptable distance between matched words' dropdown menu is open, showing the following options: Sentence (highlighted), Paragraph, Page, and Unconstrained. At the bottom, there are buttons for 'Back', 'Start Over', and 'Submit Query'.

Results 1-10 of 761 for Criteria:FP:(:(EN\_TI:(("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots") OR EN\_AB:(("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots")) OR (FR\_TI:(("chaussures de football" OR "chaussures de soccer") OR FR\_AB:(("chaussures de football" OR "chaussures de soccer")) OR (JA\_TI:(("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ") OR JA\_AB:(("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ")) OR (ZH\_TI:(("足球鞋" OR "特别是足球鞋") OR ZH\_AB:(("足球鞋" OR "特别是足球鞋")))) Office(s):all Language:EN Stemming: true

Refine Search: FP:(:(EN\_TI:(("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots") OR EN\_AB:(("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots")) OR (FR\_TI:(("chaussures de football" OR "chaussures de soccer") OR FR\_AB:(("chaussures de football" OR "chaussures de soccer")) OR (JA\_TI:(("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ") OR JA\_AB:(("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ")) OR (ZH\_TI:(("足球鞋" OR "特别是足球鞋") OR ZH\_AB:(("足球鞋" OR "特别是足球鞋")))) Office(s):all Language:EN Stemming: true

Analysis

Sort by: Relevance View All List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2015/035534		<b>SOCCER SHOE IMPROVING SHOT ACCURACY</b>		WO	19.03.2015
A43B 5/02	PCT/CN2013/001066		HE, Hongkui	HE, Hongkui	
Disclosed is a novel practical soccer shoe capable of improving shot accuracy. The soccer shoe has a square toe cap, and the vamp thereof is designed to be a plane having the same height on left and right sides. When players play soccer, they can effectively control the running direction of the ball, so that shot accuracy is greatly improved, thus greatly improving the shot hit rate.					
2. 2001346611		<b>MANUFACTURING METHOD OF STUD FOR SPORTS SHOES, ESPECIALLY FOR FOOTBALL SHOES, STUD AND SHOES INCORPORATING SAME</b>		JP	18.12.2001
A43C 15/2	2001104975		BAUER IT SPA	ANNOVI GIUSEPPE	
PROBLEM TO BE SOLVED: To manufacture low-cost and light studs in a comparatively simple process. SOLUTION: The manufacturing method is disclosed of studs for sports shoes, especially football shoes. Each stud is equipped with a main body and a chip part fixed to the main body, which latter is manufactured from a semi- finished chip formed by punching of sheet metal. COPYRIGHT: (C)2001,JPO					
3. WO/2015/035533		<b>SOCCER SHOE FOR PROTECTING TOES</b>		WO	19.03.2015
A43B 5/02	PCT/CN2013/001064		HE, Hongkui	HE, Hongkui	
Disclosed is a soccer shoe for protecting toes of soccer players so they are not easily injured, wherein the vamp of the shoe is composed of lining cloth (1), sponge (2), hot melt adhesive (3), inside leather (4) and outer leather (5). When players play soccer, the shoe can effectively reduce the impact of the ball on the foot, and protect the toes of the players from injuries.					
4. 2004267785		<b>FOOTBALL SHOES</b>		JP	30.09.2004
A43B 13/30	2004068681		ADIDAS INTERNATL MARKETING BV	SEYDEL GUENTER ROLAND	
PROBLEM TO BE SOLVED: To provide football shoes for allowing a player to kick a ball in a further sharply and further controlled style. SOLUTION: The football shoe 10 have a sole unit 13 composed of an upper for receiving a foot 30, a heel part, and a forefoot part, and stabilize the foot 30 to at least					



Results 1-10 of 761 for Criteria:FP:([EN\_TI:("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots") OR EN\_AB:("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots") OR FR\_TI:("chaussures de football" OR "chaussures de soccer") OR FR\_AB:("chaussures de football" OR "chaussures de soccer")) OR (JA\_TI:("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ") OR JA\_AB:("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ")) OR (ZH\_TI:("足球鞋" OR "特别是足球鞋") OR ZH\_AB:("足球鞋" OR "特别是足球鞋")) Office(s):all Language:EN Stemming: true

Navigation: 1 2 3 4 5 6 7 8 9 10 Page: 1 / 7

Refine Search FP:([EN\_TI:("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots") OR EN\_AB:("football shoes" OR "soccer shoes" OR "football boots" OR "football boot percentage" OR "football boot attachment" OR "soccer boots") OR FR\_TI:("chaussures de football" OR "chaussures de soccer") OR FR\_AB:("chaussures de football" OR "chaussures de soccer")) OR (JA\_TI:("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ") OR JA\_AB:("特にフットボール靴" OR "フットボール用シューズ" OR "フットボール靴" OR "フットボールシューズ" OR "サッカーシューズ")) OR (ZH\_TI:("足球鞋" OR "特别是足球鞋") OR ZH\_AB:("足球鞋" OR "特别是足球鞋")) Office(s):all Language:EN Stemming: true

Analysis

Sort by: Relevance View All List Length 10

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
					Inventor
1. WO/2015/035534		ショット精度を向上させたサッカーシューズ		WO	19.03.2015
A43B 5/02	PCT/CN2013/001066		HE, Hongkui	HE, Hongkui	
<p>本発明は、ショット精度を向上させることができる新規なサッカーシューズを提供することを目的とする。[解決手段] 前記甲被部は、左右に同一の高さを有する平面となるように構成されていることを特徴とする。プレイヤーがサッカーをプレイすると、ボールの走行方向を効果的に制御することができる。ショット精度を大幅に向上させることができ、ショットヒット率を大幅に向上させることができる</p>					
2. 2001346611		スポーツシューズ用スタッド、特にフットボールシューズ用スタッドの製造方法、それを組み込んだスタッド及び靴		JP	18.12.2001
A43C 15/2	2001104975		BAUER IT SPA	ANNOVI GIUSEPPE	
<p>比較的簡単な工程で低コストかつ軽量のスタッドを製造する</p> <p>スポーツシューズ用スタッド、特にフットボールシューズ用のスタッドである。各スタッドは、本体と、本体に固定されたチップ部品とを備えている。後者は、板金の打ち抜きから製造される</p> <p>著作権:(C)2001, JPO</p>					
3. WO/2015/035533		足保護用サッカーシューズ		WO	19.03.2015
A43B 5/02	PCT/CN2013/001064		HE, Hongkui	HE, Hongkui	
<p>サッカー選手の足指を保護するためのサッカーシューズであって、怪我をしにくいサッカーシューズを提供する。前記靴の甲部は、裏地(1)、スポンジ(2)、ホットメルト接着剤で構成されている(3)と、皮革(4)と、外革との間に配置されていることを特徴とする(5)選手がサッカーをプレイしている場合には、靴は、足へのボールの衝撃を効果的に低減し、プレイヤーの足指を怪我から保護することができる</p>					
4. 2004267785		フットボール用シューズ		JP	30.09.2004
A43B 13/30	2004068681		ADIDAS INTERNATL MARKETING BV	SEYDEL GUENTER ROLAND	
<p>本発明は、より大幅にさらに制御されたスタイルでボールを蹴ることができるようにする</p> <p>本発明のフットボール靴(10)は、足(30)を受ける上部からなる靴底部(13)と、踵部、足部(30)を、ボールを蹴る際に作用する少なくとも1種類のトルクに安定させるように構成されている。踵部(13)の前部(13a)は、踵部(13)の重量を分散させるように構成されている。踵部(13)の前部(13a)は、踵部(13)の重量を分散させるように構成されている。踵部(13)の前部(13a)は、踵部(13)の重量を分散させるように構成されている。踵部(13)の前部(13a)は、踵部(13)の重量を分散させるように構成されている。</p>					

Wipo Translate [powered by Marian] xxjp ..... [Close]

[Continue translation] ...

49%

Translated by Wipo Translate [Close]

[Back to original]



1. (WO2012159449) ELECTRIC CAR HAVING ELECTRIC SELF-PROPELLED WHEELS

PCT Biblio. Data

Description

Claims

Drawings

National Phase

Notices

Documents

Note: Text based on automatic Optical Character Recognition process. The invention relates to a plase use the pd1 version for legal matters

Instruction

Electric saloon car with electric power self-driven wheels

Technical field

The invention relates to an electric saloon car, and particularly relates to an electric saloon car with electric power self-driven wheels, which is high in energy utilization rate and belongs to the technical field of electric cars

Background technology

An existing electric saloon car or a traditional car transmission system, a brake system and an anti-locking system, only the engine is replaced by a common driving motor, and the energy is converted into a power source from the gasoline, and the energy utilization rate of the electric saloon car with the structure is low.

SUMMARY OF THE INVENTION

The electric saloon car provided by the invention aims to overcome the defects in the prior art and is high in energy utilization rate and provided with electric power self-driven wheels

In order to achieve the aim, the technical scheme adopted by the invention is to provide an electric saloon car with electric power self-driven wheels, a controller and an electric power self-driven wheel; the power supply is connected with the electric power self-driven wheel through the controller; when the electric power self-driven wheel needs to be accelerated, the controller controls the power supply to increase the corresponding parameters; when the electric power self-driven wheel needs to be reduced, the controller controls the power supply to reduce the corresponding parameters;

Preferably, the electric power self-driven wheel comprises an axle, a clutch device and a parking brake device, a wheel rim, a wheel rim, a wheel rim, a wheel rim, a wheel rim, a tire and a bearing; wherein the outer rotating type vehicle driving motor comprises a motor stator and a motor rotor; the motor stator is arranged on the axle in an axial movement mode, and the motor rotor is arranged outside the motor stator, and can rotate around the motor stator; the wheel rim disc is arranged on one side of the motor stator at an interval, and is arranged on the axle through a bearing; the clutch device is arranged on one side of the motor rotor, so that the motor rotor and the rim disc chuck are in close contact to drive the hub disc chuck to rotate, and the parking braking device is arranged at one side of the motor rotor at an interval and is in a parking state the parking brake device is in close contact with the motor rotor, and the motor rotor cannot rotate; the rim is fixed on the rim disc chuck through bolts; the tire is arranged on the outer periphery of the rim;

Preferably, the external rotating type vehicle driving motor, a motor rotor and an electric power anti-locking brake device; the motor stator is arranged on the axle, and the motor rotor is arranged on the outer side of the motor stator, the motor rotor can rotate around the motor stator; the electric power anti-locking braking device comprises a power supply and a pulse current generator; and the power supply is connected with a motor stator or a motor rotor through a pulse current generator, and is used for controlling the motor rotor to slow down and slow down; meanwhile, a locking phenomenon is avoided;

Preferably, vent holes are formed in corresponding positions of the motor stator and the parking brake device

Preferably, a spline is arranged between the motor stator and the axle

Preferably, the clutch device is also arranged on the spline

Preferably, the clutch device is an electromagnetic clutch ring, wherein the electromagnetic clutch ring is arranged between a motor rotor or a rim disc chuck or a motor rotor and a rim disc chuck

# WIPO Translate

The screenshot shows the top navigation bar of the WIPO PATENTSCOPE website. On the left is the WIPO logo. The main header reads "PATENTSCOPE" with the tagline "Search International and National Patent Collections". A language menu on the right lists: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below the header is a navigation bar with "WORLD INTELLECTUAL PROPERTY ORGANIZATION" and links for "Search", "Browse", "Translate", and "News". A user profile "willix71@gmail.com" is visible. A dropdown menu is open over the "Translate" link, showing "WIPO Translate" and "WIPO Pearl". Below the navigation bar, a "Simple Search" button is highlighted, and a text box contains the message: "Using PATENTSCOPE you can search 7 million patent documents including 3.4 million published international patent applications (PCT). Detailed coverage information can be found here".

The screenshot shows the WIPO Translate NMT interface. The header includes the WIPO logo and the word "TRANSLATE" with the tagline "Instant patent translation". A language menu on the right lists: العربية | English | Español | Français | Русский | 中文. The navigation bar includes: Home | IP Services | PATENTSCOPE | Database Search | WIPO translate. The main content area is titled "Translate" and includes a link to "[Terms & conditions/User guide]". The text reads: "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'." Below this text is a large text input box labeled "Text to be translated:". Underneath are two dropdown menus: "Language pair:" with a selection of "...", and "Domain:" with a selection of "[automatic detection]". A "Translate" button is located at the bottom right of the form.

Related links

**Translate**

[\[Terms & conditions/User guide\]](#)

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:

Hello Tokyo,  
I will be visiting you in October

Language pair: English->Japanese ▼

Domain: ADMN-Admin, Business, Management & Soc Sci ▼

**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*

Hello Tokyo , I will be visiting you in October	Hello 東京、 私が訪問 you 10月
--	---------------------------

**Related links**

- [WIPO Translate: Cutting-Edge Translation Tool For Patent Documents Extends Language Coverage](#)

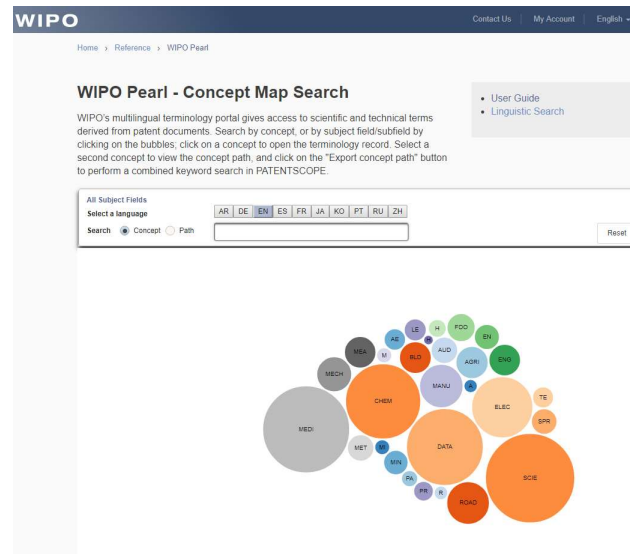
# WIPO Pearl

## ■ WIPO's Multilingual Terminology Portal

- over 160'000 patent terms  
all validated by WIPO-PCT  
language experts

- 17'000 concepts  
inter-related in the  
Concept Map Search

The screenshot shows the 'WIPO Pearl - Linguistic Search' page. At the top, there is a navigation bar with 'WIPO', 'Contact Us', 'My Account', and 'English'. Below the navigation bar, the page title is 'WIPO Pearl - Linguistic Search'. The main content area includes a search form with the following fields: 'Search Term' (with a placeholder 'Enter your term here...'), 'Source Language' (dropdown menu set to 'Any'), 'Target Language' (dropdown menu set to 'Any'), 'Subject Field' (dropdown menu set to 'Any'), 'Abbreviation Only' (checkbox), and 'Exact Search' (checkbox). There are 'Search' and 'Reset' buttons. To the right of the search form, there are links for 'User Guide' and 'Concept Map Search'. Below the search form, there is a brief description: '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.'



# Expanded analysis

WIPO PATENTSCOPE  
 Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Q: Q Search | Browse | Translate | News willix71@gmail.com

Home > IP Services > PATENTSCOPE

Results: 1,40 of 20 for Criteria: ( ("soccer shoes" OR "football shoes" ) ) OR ( football AND ( footwear OR shoes ) ) Office(s):all Language:EN Stemming: true

Filters: CTR:Japan

Page: 1 / 3 Go

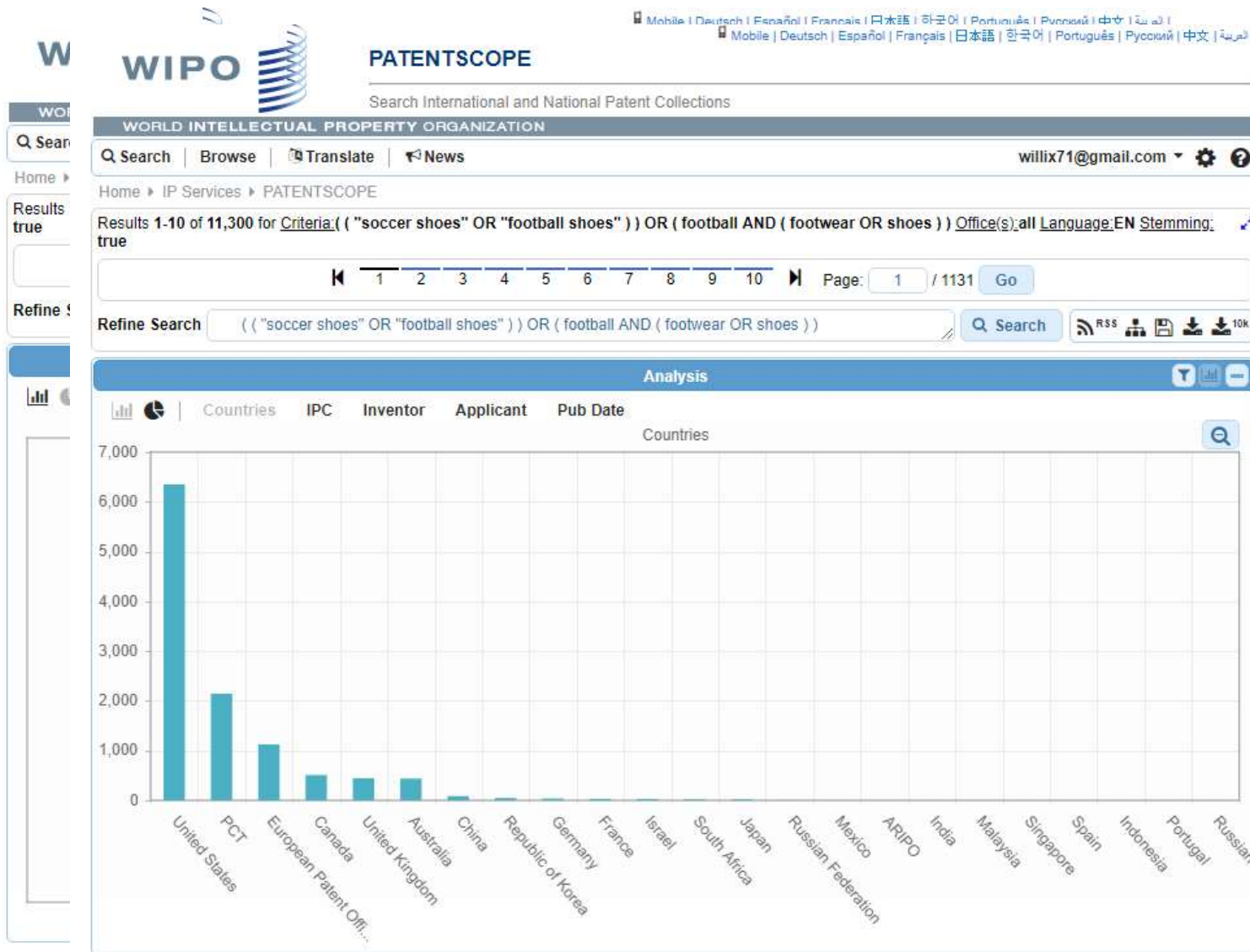
Refine Search: ( ("soccer shoes" OR "football shoes" ) ) OR ( football AND ( footwear OR shoes ) )

Analysis									
Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
Un	20	A43B	18	DAIREI TAKESHI	4	MIZUNO CORP	5	2009	1
PC		A43C	6	ロバート フランク カーク	3	アディダス アーゲー	5	2010	1
Eu		A63B	2	CONSTANTIN ZWICK	2	ADIDAS INTERNATL MARKETING BV	3	2011	2
Ca		B29D	1	KIRK ROBERT FRANK	2	ADIDAS AG	2	2012	1
Un				ANNOVI GIUSEPPE	1	ASICS CORP	1	2013	1
Au				BENJAMIN TURCK	1	BAUER IT SPA	1	2015	2
Ch				DANIEL STEPHEN PRICE	1	BOOT TECHNOLOGIES LTD	1	2016	2
Re				DE PAOLI THOMAS	1	KAWANISHI EIJI	1		
Ge				FURUKAWA DAISUKE	1	LOTTO SPORT ITALIA SPA	1		

Sort by: Pub Date Desc | View: All +Image | List Length: 10 | Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate	Image
1. 2016147053	SOLE FOR SHOE			JP	18.08.2016	
A43B 5/02	2016019230		ADIDAS AG	KIRK ROBERT FRANK		
<p>PROBLEM TO BE SOLVED: To provide a sole for a sports shoe, in particular for a soccer shoe.</p> <p>SOLUTION: A sole 200 comprises a plurality of first profile elements 250, which are arranged in a heel portion 220 and a forefoot portion 210 of the sole. The first profile elements 250 and second profile elements 255 are arranged in regions 260. The profile elements 250, 255 are distributed such that a friction element 230 can contact a sports ball to increase the friction between a lower side of the sole 200 and the sports ball.</p> <p>SELECTED DRAWING: Figure 2</p> <p>COPYRIGHT: (C)2016,JPO&amp;INPIT</p>						

# Charts are back



# Wipocase / global dossier

- Centralized Access to Search & Examination
- Open for countries: CA,JP,EP,AU,US,KR,IN
- Coverage

[https://patentscope.wipo.int/search/en/help/global\\_dossier\\_coverage.jsf](https://patentscope.wipo.int/search/en/help/global_dossier_coverage.jsf)



WIPO PATENTSCOPE  
Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | News

willix71@gmail.com

Home > IP Services > PATENTSCOPE

### Public Global Dossier Coverage


Last Update: 24.10.2017

Data coverage for OPD services	
EPO	Patent applications filed on 01.06.1978 and onwards
JPO	Patent applications filed on 01.06.1978 and onwards
CA	Patent applications published since 01.01.2008 <b>Note:</b> Only limited sets of documents are available (examination reports and search reports) for applications published between January 2008 and September 2015.
AU	Patent applications filed after 2006
US	Patent application filed on Jan 1, 2003 and onwards. Prior to 2003, applications are available on a case by case basis.

Soon to come: KIPO, SIPO



# Wipocase / global dossier



Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

**PATENTSCOPE**  
Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | News | willix71@gmail.com

Home > IP Services > PATENTSCOPE

**1. (CA2932280) SLIDING RAILS FOR MOUNTING SHELF**

National Biblio. Data | Description | Claims | Drawings | **Documents**

**Published Application**

		View
CA2932280A1	CA20161126	XML, ZIP(XML + TIFFs)
CA2932280C	CA20161126	XML, ZIP(XML + TIFFs)

**Global Dossier**

Legal date	Description	Download
06.06.2016	Abstract	PDF (0.07MB / 2 pages)
06.06.2016	Description	PDF (0.71MB / 23 pages)
06.06.2016	Drawings	PDF (0.23MB / 10 pages)
06.06.2016	Claims	PDF (0.13MB / 5 pages)
07.12.2016	R30(2)Examiner requisition	PDF (0.22MB / 4 pages)
17.05.2017	Amendment	PDF (0.17MB / 7 pages)

# New captcha



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home > IP Services > PATENTSCOPE

You have made quite a number of requests, please complete this captcha to legitimate you are human.

A captcha puzzle consisting of three images: a large number '4', a small number '21' on a white background, and a hand showing two fingers. Below the images is an equals sign and a text input field containing '27'. A 'submit' button is to the right of the input field.

Please add the numbers up



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home > IP Services > PATENTSCOPE

You have made quite a number of requests, please complete this captcha to legitimate you are human.

A captcha puzzle consisting of four images: a snowy forest, a snowy forest with a misty background, a snow-capped mountain peak, and a snowy landscape with trees. Below each image is a small square checkbox. A 'submit' button is to the right of the checkboxes.

Please select the pictures with snow in it



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home > IP Services > PATENTSCOPE

You have made quite a number of requests, please complete this captcha to legitimate you are

A captcha puzzle consisting of three images: a dog lying on a bed, a group of dogs on a leash, and a Siamese cat. Below each image is a small square input field. A 'submit' button is to the right of the input fields.

Please count the number of dogs in each picture



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home > IP Services > PATENTSCOPE

You have made quite a number of requests, please complete this captcha to legitimate you are

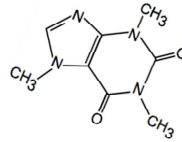
A captcha puzzle consisting of three images: a blue number '4', a yellow number '1', and a yellow number '31'. Below the images is a text input field containing '4131'. A 'submit' button is to the right of the input field.

Please re-write the displayed number

# Feedback

The screenshot shows the WIPO Patentscope website interface. At the top left is the WIPO logo and the text "PATENTSCOPE". To the right, there are language options: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this is the text "Search International and National Patent Collections". A dark blue navigation bar contains "WORLD INTELLECTUAL PROPERTY ORGANIZATION". Below the navigation bar are links for "Search", "Browse", "Translate", and "News". On the right side of the navigation bar, there is a user profile "willix71@gmail.com" with a settings gear icon and a help question mark icon. A dropdown menu is open from the help icon, listing: "How to Search", "Data Coverage", "FAQ", "Feedback&Contact" (highlighted in blue), "INID codes", "Kind codes", "Tutorials", and "About". Below the navigation bar, the breadcrumb "Home > IP Services > PATENTSCOPE" is visible. A text prompt reads: "Please choose the Issues with the Web Interface topic if you would like to post an issue or provide feedback on this search se". Below this prompt is a link to "WIPO Patentscope Forum".

# Chemical Search

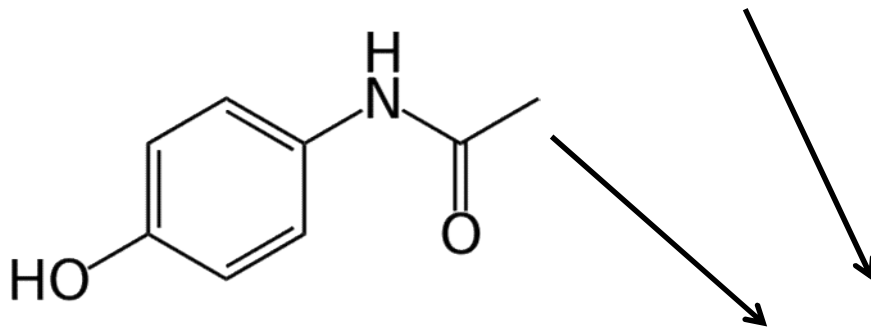


- Standardize all the different representations of chemical structures into Inchikeys
- Implement search functions for Inchikeys that can be used by non chemists
- Recognize chemical compounds
  - patent texts
  - embedded drawings included in patent texts
- Available for:
  - PCT, US, EP, JP, CN, LR, RU, EAPO
- Must be logged in !!!

# Standardization

IUPAC name

N-(4-hydroxyphenyl)acetamide



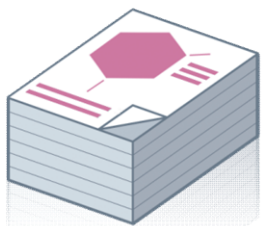
INN

paracetamol

Other names

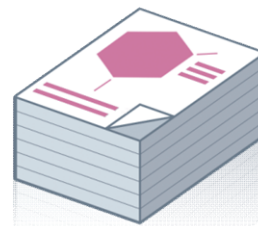
Acetaminophen, panadol, tylenol, ...

RZVAJINKPMORJF-UHFFFAOYSA-N



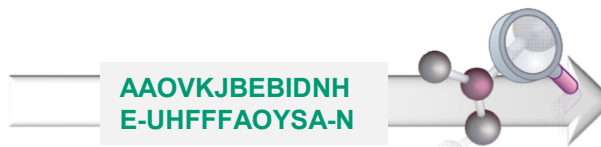
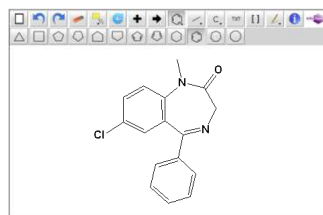
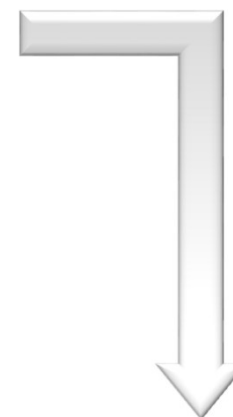
**PATENTSCOPE Documents**

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

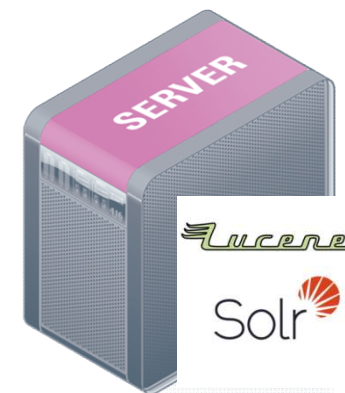


**Enriched PATENTSCOPE Documents**

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



**AAOVKJBEBIDNH  
E-UHFFFAOYSA-N**



# Chemical Search

WIPO PATENTSCOPE

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

willix71@gmail.com

Simple  
Advanced Search  
Field Combination  
Cross Lingual Expansion  
Chemical compounds

Structure editor SubStructure Upload structure

Compound name [Type an accepted name, commercial name, CAS name, IUPAC name]

Search for scaffold: Office: All

Tooltip Help

Exact Structure Search Show in editor Reset

# Chemical Search

Chemical compounds search [Help]

Convert structure

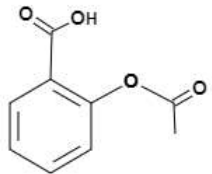
Compound name

Search for scaffold:

Tooltip Help

Chemical compounds search

Convert structure Structure editor



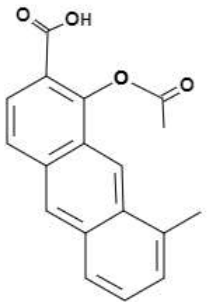
InChI: InChI=1S/C9H8  
InChIKey: BSYNRYMUTXI  
Molecular Formula: C9H8O4  
Molecular Weight: 180.1598 g/mol

Search for scaffold:  Office:

Tooltip Help

Chemical compounds search [Help]

Convert structure Structure editor SubStructure Upload structure



InChI: InChI=1S/C18H14O4/c1-10-4-3-5-12-8-13-6-7-14(18(20)21)17(22-11(2)19)16(13)9-15(10)12/h3-9H,1-2H3,(H,20,21)  
InChIKey: OTYMUWJZWQXBE-UHFFFAOYSA-N  
Molecular Formula: C18H14O4  
Molecular Weight: 294.3062 g/mol

Search for scaffold:  Office:  All

Tooltip Help

Evaluate Exact Structure Search Substructure Search Reset



Results 1-100 of 165,121 for Criteria:CHEM:(BSYNYRMUTXBXSQ-UHFFFAOYSA-N) Office(s):all Language:EN Stemming: true

Navigation: 1 2 3 4 5 6 7 8 9 10 Page: 1 / 1652 Go

Refine Search CHEM:(BSYNYRMUTXBXSQ-UHFFFAOYSA-N) Search RSS 10k

Analysis									
Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
United States	52,171	A61K	125,945	Dobie Kenneth W.	277	ASTRAZENECA AB	1,033	2008	9,900
China	32,648	A61P	62,484	Ruben Steven M.	239	BRISTOL-MYERS SQUIBB COMPANY	979	2009	10,349
PCT	30,279	C07D	45,596	Rosen Craig A.	229	NOVARTIS AG	877	2010	10,431
Japan	25,376	C07K	14,115	Bennett C. Frank	184	MERCK & CO., INC.	796	2011	9,706
European Patent Office	11,742	C12N	13,015	Freier Susan M.	173	THE PROCTER & GAMBLE COMPANY	685	2012	8,691
Republic of Korea	9,654	C07C	10,486	Vock Manfred H.	156	Bristol-Myers Squibb Company	659	2013	8,905
EAPO	1,651	A61L	8,681	YAN CHAO	154	MERCK SHARP & DOHME CORP.	579	2014	9,331
Russian Federation	1,600	A01N	8,114	Gant Thomas G.	148	Novartis AG	501	2015	8,899
		G01N	7,836	Hunter William L.	145	Merck & Co., Inc.	496	2016	9,239

Sort by: Pub Date Desc View All List Length 100 Machine translation

Int.Class	Title	Applicant	Ctr	PubDate	Image
Int.Class	Appl.No	Applicant	Inventor		
1. 20180256480	TOPICAL FORMULATION OF HYPERBRANCHED POLYMER-COATED PARTICLES		US	13.09.2018	
A61K 8/81	15573807	Yale University	Yang Deng		
<p>Core-shell particles have a hydrophobic core and a shell formed of a containing hyperbranched polymers (HP). The HP can be covalently bound to the one or more materials that form the core or coated thereon. The HP coating can be modified to adjust the properties of the particles. For example, unmodified HP coatings resist non-specific protein absorption. Alternatively, the hydroxyl groups on the HP coating can be chemically modified to form functional groups that react with functional groups on tissue to adhere the particles to the tissue, cells, or extracellular materials, such as proteins. Such functional groups include, but not limited to, aldehydes, amines, and O-substituted oximes. Topical formulation for application to the skin contain these HP coated nanoparticles. In some embodiments, the particles include cosmetic, therapeutic, diagnostic, nutraceutical, and/or prophylactic agents, such as those used as sunblock compositions.</p>					
2. 20180256492	DEVICES, FORMULATIONS, AND METHODS FOR DELIVERY OF MULTIPLE BENEFICIAL AGENTS		US	13.09.2018	

# File Upload

## aspirin.mol

```
BENZOIC ACID, 2-(ACETYLOXY)-, ID: C50782
NIST 17041210142D 1 1.00000 0.00000
Copyright by the U.S. Sec. Commerce on behalf of U.S.A. All rights reserved.
13 13 0 0 0 1 V2000
1.7434 1.4944 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
1.7434 0.4981 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
0.8966 1.9925 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
2.5902 1.9925 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0
0.8966 0.0000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
0.0000 1.4944 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
0.8966 2.9887 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
0.0000 0.4981 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
0.0000 3.4869 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0
1.7434 3.4869 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0
3.4869 1.4944 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
4.3337 1.9925 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0
3.4869 0.4981 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0
1 2 2 0 0 0
3 1 1 0 0 0
1 4 1 0 0 0
2 5 1 0 0 0
6 3 2 0 0 0
3 7 1 0 0 0
4 11 1 0 0 0
5 8 2 0 0 0
8 6 1 0 0 0
7 9 2 0 0 0
7 10 1 0 0 0
11 12 2 0 0 0
11 13 1 0 0 0
M END
```

Chemical compounds search [Help]

Convert structure   Structure editor   SubStructure   Upload structure

Select a structure file (MOL) or image file (PNG, GIF, TIFF, JPEG) and upload it.

aspirin.mol

Search for scaffold:  Office:  All

Tooltip Help

# Chemical detail

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home > IP Services > PATENTSCOPE

1. (US20180256480) TOP1

**National Biblio. Data** | Description

Application Number: 15573807 Applica  
Publication Number: 20180256480 Pub  
Publication Kind : A1  
Prior PCT appl.: Application Number:PC  
IPC: A61K 8/81 (?)  
A61K 8/86  
A61K 8/11  
A61K 8/92

**Applicants:** Yale University  
**Inventors:** Yang Deng  
Asiri Ediriwickrema  
William M. Salzman  
Michael Girardi

**Priority Data:** PCT/US2015/030169  
PCT/US2015/030187  
**Title:** (EN) TOPICAL FORM  
**Abstract:** (EN)  
Core-shell particles ha  
hyperbranched poly  
more materials that fo  
modified to adjust the  
coatings resist non-sp  
on the HP coating can  
react with functional g  
or extracellular materi  
not limited to, aldehyd  
for application to the s  
embodiments, the par  
nutraceutical, and/or p  
compositions.

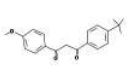

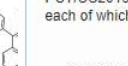
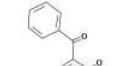
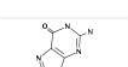
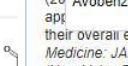




**WIPO** **PATENTSCOPE**  
Search International  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Q Search | Browse | Translate | News

Home > IP Services > PATENTSCOPE

1. (US20180256480) TOP1

**National Biblio. Data** | Description | Claims

Title	Abstract	Description	Claims
 <b>Avobenzone</b>	 <b>Octinoxate</b>	 <b>Octocrylene</b>	 <b>Oxybenzone</b>
 <b>Dioxobenzone</b>	 <b>Homosalate</b>	 <b>Octocrylene</b>	 <b>Oxybenzone</b>
 <b>Sulisobenzon</b>	 <b>Octocrylene</b>	 <b>Octocrylene</b>	 <b>Octocrylene</b>
 <b>Betacarotene</b>	 <b>Octocrylene</b>	 <b>Octocrylene</b>	 <b>Octocrylene</b>

**WIPO** **PATENTSCOPE**  
Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Home > IP Services > PATENTSCOPE

1. (US20180256480) TOPICAL FORMULATION OF HYPERBRANCHED POLYMER-COATED PARTICLES

**National Biblio. Data** | Description | Claims | Drawings | Compounds | Documents

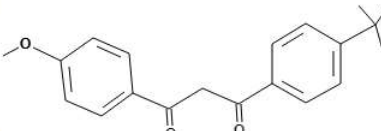
Note: Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

CROSS-REFERENCE TO RELATED APPLICATIONS  
This application claims the benefit of and priority to pending International Application PCT/US2015/030169 filed May 11, 2015, International Application PCT/US2015/030187 filed May 11, 2015, U.S. Ser. No. 62/232,734 filed Sep. 25, 2015, and U.S. Ser. No. 62/260,028 filed Nov. 25, 2015, the contents of each of which are incorporated by reference in their entireties.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH  
This invention was made with government support under Grant Nos. EB000487, CA149128, CA102703 and CA149128 awarded by the National Institutes of Health. The government has certain rights in the invention.

FIELD OF THE INVENTION  
This invention is in the field of particles, such as microparticles and/or nanoparticles, coated with hyperbranched polymers, wherein the coating can be tuned to provide stealth or adhesive properties, and formulated for topical use.

BACKGROUND OF THE INVENTION  
Ultraviolet (UV) radiation from sunlight can lead to multiple adverse effects including cutaneous phototoxicity (sunburn), photoaging, and carcinogenesis (Federman et al., *JAMA* 312:87-88 (2014); Stern et al., *Journal of the American Academy of Dermatology* 44:755-761 (2001)). UVB directly induces cyclopurimidine dimers (CPDs) within the genomic DNA (gDNA) of keratinocytes, and both UVA and UVB exposure markedly enhance production of reactive oxidation species (ROS) that damage a variety of cellular components, including gDNA (Gilchrest, B. A. *The Journal of Investigative Dermatology* 133:E2-6 (2013)), and induce immunosuppressive cytokines (Schwarz and Luger, *Journal of Photochemistry and Photobiology, B, Biology* 4:1-13 (1989)). UV-exposure is clearly linked to both melanoma and non-melanoma skin cancer development (Gordon et al., *Facial Polymer Surgery: FPS* 29:402-410 (2013)). Over the past few decades, commercially available UV-protective sunblocks have largely incorporated organic UV filters [e.g. avobenzone, octinoxate, octocrylene, oxybenzone and padimate O (PO) (Hayden et al., *Skin Pharmacol. Physiol.* 18:170-174 (2005))] as formulations based on oil/water emulsions (Quatrano and Dinulos, *Curr. Opin. Pediatr.* 25:122-129 (2013)). There are substantial concerns, however, that these are absorbed, or via follicles, into epidermal cells, keratinocytes and Langerhans cells (Hayden et al., *Free Radical Biology and Medicine* 41:1205-1213 (2006)). In addition, the systemic absorption of such organic compounds, and their depot in adipose tissue, has been reported (Pan et al., *Small*, 5:511-520 (2009); Trouiller et al., *Cancer Res.* 69:8784-8789 (2009); Krause et al., *Int. J. Androl.* 35:424-436 (2012)). Zinc oxide (ZnO) and titanium dioxide (TiO<sub>2</sub>) particles (Barnard, *Nature Reviews Clinical Oncology* 10:1450-1457 (2014)). Thus, while the use of inorganic particles appears to be less of a concern than for organic particles, the use of inorganic particles may be less of a concern than for organic particles, suggesting even small amounts of inorganic particles may be hazardous (Pan et al., *Small*, 5:511-520 (2009); Trouiller et al., *Cancer Res.* 69:8784-8789 (2009); Krause et al., *Int. J. Androl.* 35:424-436 (2012)). Moreover, several UV filters have been detected in human urine and breast milk samples after tropical treatment, and may mediate systemic effects including endocrine disruption (Hayden et al., *Skin Pharmacol. Physiol.* 18:170-174 (2005); Krause et al., *Int. J. Androl.* 35:424-436 (2012); Hayden et al., *Lancet*, 350:863-864 (1997)). Therefore, preventing direct skin contact and subsequent epidermal penetration may be essential to eliminating the potential adverse effects of sunscreens.

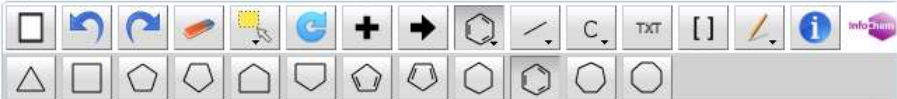


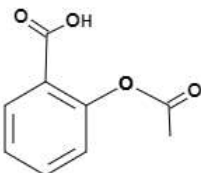
Avobenzone

# Substructure search

Chemical compounds search [Help]

Convert structure   **Structure editor**   SubStructure   Upload structure





InChI: InChI=1S/C9H8O4/c1-6(10)13-8-5-3-2-4-7(8)9(11)12/h2-5H,1H3,(H,11,12)  
InChiKey: BSYNRYMUTXBXSQ-UHFFFAOYSA-N  
Molecular Formula: C9H8O4  
Molecular Weight: 180.1598 g/mol

Search for scaffold:    Office:  All

Tooltip Help

Evaluate   Exact Structure Search   Substructure Search   Reset

# Substructure results

WIPO PATENTSCOPE  
WORLD INTELLECTUAL PROPERTY ORGANIZATION  
Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Pycckий | 中文 | العربية

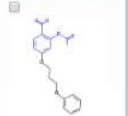
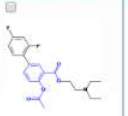
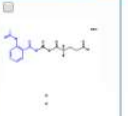
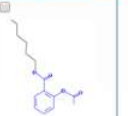
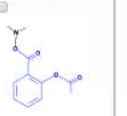
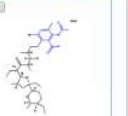

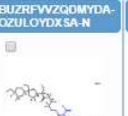
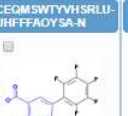


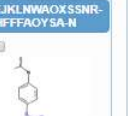
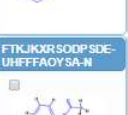



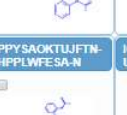
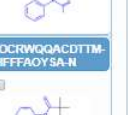
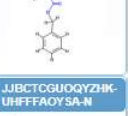
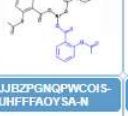

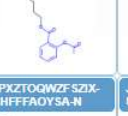

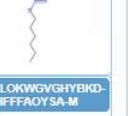
Q Search | Browse | Translate | News | willix71@gmail.com

Home | IP Services | PATENTSCOPE

Chemical compounds search

Convert structure | Structure editor | **Sub Structure** | Upload structure

Substructure search results (3255)  
(1 of 136) 1 2 3 4 5 6 7 8 9 10 24

APBIOOBLQXNLE-UHFFFAOYSA-N 	AYBPRHQXDWGNLSL-UHFFFAOYSA-N 	AYGSVRVUQINUSE-BCWXSGESA-K 	BHRGQORDTOLQKF-UHFFFAOYSA-N 	EMRIVUMPQIMTDE-UHFFFAOYSA-N 	BNBAYWKGPDMYDYLIZFDHKMSA-N 
BSYNRYMUTXDXSQ-UHFFFAOYSA-N 	BUZRFWZGDMVDA-OZULOYDXSA-N 	CEQMSWYVHHSRLU-UHFFFAOYSA-N 	CJCNQITPBBOLBPP-UHFFFAOYSA-N 	CJDCXLHXAMZIRW-UHFFFAOYSA-N 	FEJLKNWQXSSNR-UHFFFAOYSA-N 
FTKJKXRSDPDSDE-UHFFFAOYSA-N 	GKJRIJGKDYCFNF-UHFFFAOYSA-K 	GVEAHCQWTOANGX-UHFFFAOYSA-N 	HCQSDDMKJZGIT-UHFFFAOYSA-N 	HPYSAOKTUJFTNKHIPPLWFESA-N 	IGOCRWQQACDITM-UHFFFAOYSA-N 
JJBCTCGUOQYZHK-UHFFFAOYSA-N 	JJBZPGNGPWCQIS-UHFFFAOYSA-N 	JPGFATQBNNHGGFKFUPJCNVSA-K 	JPXZTOGWZF SZX-UHFFFAOYSA-N 	JQJNKMMGMFMRHD-UHFFFAOYSA-N 	JZLQKVGVRHYBKD-UHFFFAOYSA-M 

(1 of 136) 1 2 3 4 5 6 7 8 9 10 24

Search for scaffold:  Office:  All

Tooltip Help

Search Select all Clear all Reset

# Search all substructures...

WIPO PATENTSCOPE  
 Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Q Search | Browse | Translate | News willix71@gmail.com

Home > IP Services > PATENTSCOPE

Results 1-100 of 18 for Criteria:CHEM:(APBIOOBLQXNLE-UHFFFAOYSA-N OR CEQMSWTYVHSRLU-UHFFFAOYSA-N OR HCQSDDMKJDZGIT-UHFFFAOYSA-N OR JQJNKMMGMFMRHD-UHFFFAOYSA-N) Office(s):all Language:EN Stemming:true

Page: 1 / 1 Go

Refine Search CHEM:(APBIOOBLQXNLE-UHFFFAOYSA-N OR CEQMSWTYVHSRLU-UHFFFAOYSA-N OR HCQSDDMKJDZGIT-UHFFFAOYSA-N OR JQJNKMMGMFMRHD-UHFFFAOYSA-N) Search

Analysis

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
United States	11	A61K	11	Buckle Derek R.	4	Beecham Group Limited	4	2008	1
European Patent Office	4	C07D	8	Smith Harry	4	Merck & Co., Inc.	2		
China	1	C07C	6	FINELLI ALYCE LYNN	1	The Procter & Gamble Company	2		
Republic of Korea	1	A61P	5	Finelli Alyce L.	1	COMBINATORX, INCORPORATED	1		
PCT	1	A61Q	2	Flora Lawrence	1	China Petrochemical Co., Ltd.	1		
		C08F	1	Francis Marion D.	1	CombinatoRx, Inc.	1		
				GRAU DANIEL	1	HENKEL AG & CO. KGAA	1		
				Grau Daniel	1	HOEPFNER, Stefan	1		
				HIRSCHMANN RALPH F	1	KLEEN, Astrid	1		

Sort by: Pub Date Desc View All List Length 100 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate	Image
				Inventor		

# Pat-INFORMED

■ <http://www.wipo.int/patinformed/>

My account | Terms of use | Contact us

**PAT-INFORMED**  
Patent Information Initiative for Medicines

Hosted by **WIPO**

**PAT-INFORMED DATABASE**  
The gateway to medicine patent information

Search the Pat-INFORMED database by entering a medicine's INN (International Non-Proprietary Name) to obtain relevant information about its patent status in a particular country. Pat-INFORMED also provides a facility for procurement agencies to make follow-up inquiries directly with participating companies. In addition, this database provides links to available information on PATENTSCOPE, WIPO's own global database.

**WIPO IFPMA**

Search pharmaceutical patents by INN - Ex : rilpivirine   Country

[Display all INNs](#)




[Display all INNs](#)

INN	Participant	Patents
Paracetamol	<i>Johnson &amp; Johnson</i>	<b>Oral Paracetamol Formulations</b>
		Process For Preparing A Soft Tablet
		Soft Chewable Tablets
		Rapidly Disintegrating Gelatinous Coated Tablets

Close card

## Oral paracetamol formulations

Participant: *Johnson & Johnson*

*In order to contact Johnson & Johnson about this patent, you need to [log in](#) or [create an account](#).*

The present invention relates generally to formulations comprising paracetamol. More particularly, the present invention provides a swallow formulation comprising paracetamol which facilitates the rapid delivery of paracetamol into the circulatory system following oral administration. The present invention further relates to methods for inducing efficient pain relief

DISCLAIMER: Pat-INFORMED is not intended as a replacement for a freedom-to-operate analysis, is not free of errors, and should not be relied upon as a comprehensive inventory of patent information. Pending applications are not listed, and in certain cases licensing arrangements or other factors may prevent Participants from listing patents. Use of Pat-INFORMED is subject to its [Term of Use and Disclaimers](#)

Jurisdiction	CA - Canada
Filing date	2005/05/27 (13 years ago)
Grant date	2011/03/15 (8 years ago)
Grant number	2566331
<a href="#">Open in PATENTSCOPE</a>	

Jurisdiction	US - United States
Publication number	US-2007-0141144
Publication date	2007/06/21 (11 years ago)
Filing date	2006/11/27 (12 years ago)
Grant date	2012/07/10 (6 years ago)
Grant number	8216610
<a href="#">Open in PATENTSCOPE</a>	



# PAT-INFORMED

Patent Information Initiative for Medicines



Hosted by **WIPO**



Country ▼

[Display all INN's](#)

INN	Participant	Patents
Paracetamol	<i>Johnson &amp; Johnson</i>	<div style="background-color: #0056b3; color: white; padding: 2px; text-align: center;">Oral Paracetamol Formulations</div> <div style="border: 1px solid #ccc; padding: 2px; text-align: center; margin-bottom: 2px;">Process For Preparing A Soft Tablet</div> <div style="border: 1px solid #ccc; padding: 2px; text-align: center; margin-bottom: 2px;">Soft Chewable Tablets</div> <div style="border: 1px solid #ccc; padding: 2px; text-align: center;">Rapidly Disintegrating Gelatinous Coated Tablets</div>

✕ Close card

## Oral paracetamol formulations

Participant: *Johnson & Johnson*

[Contact Johnson & Johnson about this patent](#)

The present invention relates generally to formulations comprising paracetamol. More particularly, the present invention provides a swallow formulation comprising paracetamol which facilitates the rapid delivery of paracetamol into the circulatory system following oral administration. The present invention further relates to methods for inducing efficient pain relief

DISCLAIMER: Pat-INFORMED is not intended as a replacement for a freedom-to-operate analysis, is not free of errors, and should not be relied upon as a comprehensive inventory of patent information. Pending applications are not listed, and in certain cases licensing arrangements or other factors may prevent Participants from listing patents. Use of Pat-INFORMED is subject to its [Term of Use and Disclaimers](#)

Jurisdiction CA - Canada  
 Filing date 2005/05/27 (13 years ago)  
 Grant date 2011/03/15 (8 years ago)  
 Grant number 2566331

[Open in PATENTSCOPE](#)

Jurisdiction US - United States  
 Publication number US-2007-0141144  
 Publication date 2007/06/21 (11 years ago)  
 Filing date 2006/11/27 (12 years ago)  
 Grant date 2012/07/10 (6 years ago)  
 Grant number 8216610

[Open in PATENTSCOPE](#)

# PAT-INFORMED

Patent Information Initiative for Medicines



Hosted by WIPO

INNs associations

Patent families

Stats

Accounts

Contact e-mails

Agencies

Show details

Actions

Company (Visible to admins only) Filter	INNs Filter	Actions	Associated patent families
	Pioglitazone		Pio 55 - ORAL PREPARATION COMPRISING PIO... Pio 82 - TABLET
	Sunitinib Malate		023522 - PYRROLE SUBSTITUTED 2-INDOLINONE PROTEIN KINASE INHIBITORS 026880 - CRYSTALS INCLUDING A MALIC ACID SALT OF N-[2-(DIETHYLAMINO) ETHYL]-5-[(5-FLUORO-2-OXO-3H-INDOLE-3-YLIDENE) METHYL]-2, 4-DIMETHYL-1H-PYRROLE-3-CARBOXAMIDE, PROCESSES FOR ITS PREPARATION AND COMPOSITIONS THEREOF 023516 - INDOLINONE DERIVATIVES FOR MODULATION OF C-KIT TYROSINE PROTEIN KINASE 023575 - SOLID FORMULATIONS COMPRISING AN INDOLINONE COMPOUND
	Pioglitazone, Glimepiride		Pio Glime 98 - SOLID PREPARATION CONTAINING AN INSULIN SENSITIZER Pio Gline 13 - SOLID PREPARATION COMPRISING AN INSULIN SENSITIZER, AN INSULIN SECRETAGOGUE AND A POLYOXYETHYLENE SORBITAN FATTY ACID ESTER Pio Met Glime 61 - Pharmaceutical Composition For Use In Treatment Of Diabetes
	Insulin Detemir Recombinant		3985 - ACYLATED INSULIN
	Vildagliptin		Vildagliptin39478902 - N-SUBSTITUTED 2-CYANOPYRROLIDINES Vildagliptin39513063 - COMBINATIONS COMPRISING DIPEPTIDYLPEPTIDASE-IV INHIBITORS AND ANTIDIABETIC AGENTS Vildagliptin39606474 - DIRECT COMPRESSION FORMULATION AND PROCESS
			Imatinib39477198 - Pyrimidine Derivatives And Processes For The Preparation Thereof

- Add an INN row
- Download as CSV
- Upload associations CSV
- Break all associations
- Refresh



- INNs associations
- Patent families**
- Stats
- Accounts
- Contact e-mails
- Agencies

533 patent families

[Refresh](#)

Title and abstract available in : [EN](#) [FR](#)

[Actions](#)

[+ Add/edit patent families](#)

[1](#) [2](#) [3](#) [4](#) [5](#)

Filter

**gsk** - **seretideHFADiskusPG3158**  
- VALVE FOR AEROSOL CONTAINER

**gsk** - **seretideHFADiskusPG4054**  
- AEROSOL CONTAINER FOR FORMULATIONS OF SALMETEROL XINAFOATE

**gsk** - **seretideHFADiskusPR60472**  
- PHARMACEUTICAL METERED DOSE INHALER AND METHODS RELATING THERETO

**gsk** - **PG3508** - CALCIUM (3S) TETRAHYDRO-3-FURANYL(1S,2R)-3-[[[4-AMINOPHENYL) SULFONYL] (ISOBUTYL) AMINO] -1-BENZYL-2-(PHOSPHONOXY) PROPYL CARBAMATE

**gsk** - **PX3438** - SULPHONAMIDE DERIVATIVES AS PRODRUGS OF ASPARTYL PROTEASE INHIBITORS

**gsk** - **combivirAV101** - 1,3-OXATHIOLANE NUCLEOSIDE

## VALVE FOR AEROSOL CONTAINER



Internal number : seretideHFADiskusPG3158

Last modified : 2018/09/24 16:46 by Jeremy Thille (jeremy.thille@wipo.int)

### - INNs associations

This patent family is currently associated with the following INNs :

- Fluticasone Propionate, Salmeterol Xinafoate

[Manage associations](#)

### - Abstract

Valve for an aerosol container for dispensing a suspension of a substance in a liquid propellant contained therein. The valve comprises a valve body (1) having at least one orifice (16) to allow a quantity of the suspension to pass from the container into the valve. The valve further comprises a ring (18) disposed around the valve body (1), the ring being positioned below the at least one orifice to reduce the volume of suspension that can be accommodated within the container below the at least one orifice when the container is orientated with the valve at the bottom, the ring having at least one portion of reduced axial thickness to provide a trough (19) around the valve body below the at least one orifice.

### + Policy

### - Countries

Currently protected in 4 jurisdictions (WO, CL, MY, PH) , 0 expired

Jurisdiction	WO - WIPO
Publication	WO/2018/18331

Jurisdiction	CL - Chile
Publication	,

Jurisdiction	MY - Malaysia
Publication	,

# International Patent Classification

<http://www.wipo.int/classifications/ipc/ipcpub>

The screenshot shows the WIPO International Patent Classification (IPC) website interface. The header includes the WIPO logo and navigation links for Home, Knowledge, International Classifications, International Patent Classification, and IPC Publication. The main content area displays a list of IPC classes from A to H, each with a plus sign icon and a description. The left sidebar contains search and filter options, including a search bar, version selection (2018.01), language options (English, French, English/French), view options (Full, Hierarchic, Maingroup, Tree), and checkboxes for various features like Deleted entries, Subclass indexes, Guidance Headings, and Notes. The bottom left corner shows version information for IPCUB v7.7 and CPC/CI versions.

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact us | English ▾

Home Knowledge International Classifications International Patent Classification IPC Publication

An IPC Symbol or terms

Scheme RCL Compilation Catchwords

Results

2018.01 Version

None

PDF

English version  
 French version  
 English/French

Path view  
 Full view  
 Hierarchic view  
 Maingroup view

Tree view  
 CPC  FI

Deleted entries  
 Subclass indexes  
 Guidance Headings  
 Notes

IPCUB v7.7 - 09.10.2018  
CPC o8.2018, FI 01.02.2018

<input type="checkbox"/>	A	HUMAN NECESSITIES
<input type="checkbox"/>	B	PERFORMING OPERATIONS; TRANSPORTING
<input type="checkbox"/>	C	CHEMISTRY; METALLURGY
<input type="checkbox"/>	D	TEXTILES; PAPER
<input type="checkbox"/>	E	FIXED CONSTRUCTIONS
<input type="checkbox"/>	F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
<input type="checkbox"/>	G	PHYSICS
<input type="checkbox"/>	H	ELECTRICITY

**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

# International Patent Classification

The screenshot shows the WIPO International Patent Classification search interface. The search term "football" is entered in the search box. The results are displayed in a hierarchical tree structure, ordered by relevance. The top-level classification is A (HUMAN NECESSITIES), followed by A43 (FOOTWEAR), and A43B (CHARACTERISTIC FEATURES OF FOOTWEAR; PARTS OF FOOTWEAR). The most relevant result is A43B 5/00 (Footwear for sporting purposes), which includes a sub-classification A43B 5/02 (Football boots).

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home Knowledge International Classifications International Patent Classification IPC Publication

football

Scheme RCL Compilation Catchwords

Results

Ordered by relevance:  
A43B 5/02  
A43C 15/16  
A63B 69/34  
Prepare copy

IPCPUB v7.7 - 09.10.2018  
CPC 08.2018, FI 01.02.2018

-	A	HUMAN NECESSITIES
		<u>PERSONAL OR DOMESTIC ARTICLES</u>
-	A43	FOOTWEAR
▲	-	A43B
		<u>Characteristic features of footwear</u>
-	A43B 5/00	Footwear for sporting purposes (non-skid devices, e.g. ice spurs, studs for <b>football</b> shoes, A43C 15/00) [2006.01]
	A43B 5/02	• <b>Football</b> boots [2006.01]

# GLOBAL BRAND DATABASE

- <http://www.wipo.int/branddb>
  
- Worldwide collections of brand related data
  - trademarks
  - emblems
  - appellations of origin
  - geographic indications
  
- Top feature: powerful search by image

# Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems. V: 2018-10-09 18:53

Free webinars 2018-10-23 How to read, save & share your results

Data from Tunisia available 2018-09-03 Over 89,000 records added

Free webinars 2018-08-31 Image searching in the Global Brand Database

Data from Georgia available 2018-06-12 Over 10,000 records added

Free webinars 2018-06-22 Join us for a webinar on effective searches

Data from Italy available 2018- Over 1,150,000 records added

NEWS Over and f

## SEARCH BY

Brand Names Numbers Dates Class Country

**Text** =

**Image Class** =

**Goods/Services** =

## FILTER BY

Source	Image	Status	Origin	App. Year *	Expiration *
AE TM	155,406	AU TM	1,694,169	BH TM	51,668
CH TM	409,284	CL TM	602,278	DE TM	2,020,750
EE TM	59,288	EG TM	116,198	EM TM	1,606,006
GE TM	40,772	ID TM	945,337	IL TM	275,372
JO TM	151,938	JP TM	2,126,622	KH TM	88,116
LA TM	44,176	MA TM	168,785	KR TM	3,490,722
		MD TM	40,829	MN TM	67,482
				CA TM	1,599,629
				DK TM	290,037
				DZ TM	32,849
				FR TM	2,716,072
				ES TM	883,106
				IT TM	1,169,181
				KW TM	33,213
				MX TM	1,398,892

Display: List Sort: Value - asc filter

1 - 30 / 36,688,373

TMView

Display: 30 per page options

1 / 1,222,946

	Brand	Source	Status	Relevance	Origin	Holder	Number	App. Date	Image Class	Nice Cl.	Image
<input type="checkbox"/>	DELTA	DZ TM	Active	1	DZ	REEMTSMA CIGARETTENFABRIKEN Gmbh	DZT1994048408	2994-11-30		34	
<input type="checkbox"/>	GLAS	DK TM	Pending	1	DK	GLAS - Christianshavn Optik I/S	VA201802069	2080-09-28		9, 42, 44	
<input type="checkbox"/>	WOODPULP IRONCHEATER FABRIC	NZ TM	Pending	1	NZ	LICHFIELD INTERNATIONAL LIMITED	1104351	2018-10-09		24	
<input type="checkbox"/>	Catalyst Cloud	NZ TM	Pending	1	NZ	CATALYST I T LIMITED	1104350	2018-10-09		42	
<input type="checkbox"/>	Hydroseal	NZ TM	Pending	1	NZ	Phillip Stephen Robinson	1104355	2018-10-09		1	
<input type="checkbox"/>	GW Logo	NZ TM	Pending	1	NZ	Apex Brands, Inc.	1104359	2018-10-09		6	
<input type="checkbox"/>	GW	NZ TM	Pending	1	NZ	Apex Brands, Inc.	1104358	2018-10-09		6	
<input type="checkbox"/>	GODIVA	NZ TM	Pending	1	NZ	GODIVA BELGIUM B.V.B.A./S.P.R.L.	1104357	2018-10-09		35, 43	
<input type="checkbox"/>	CAREPOINTS	NZ TM	Pending	1	NZ	AIR NEW ZEALAND LIMITED	1104356	2018-10-09		35, 36, 39	
<input type="checkbox"/>	Money. Much more fun out of the bank.	NZ TM	Pending	1	NZ	TAILOREDNZ LIMITED	1104344	2018-10-09		36	
<input type="checkbox"/>	NZClad, NZ-Clad, NZ Clad	NZ TM	Pending	1	NZ	Alice Douglas	1104343	2018-10-09		19	
<input type="checkbox"/>	GF GLORIOUSLY FREE OATS	NZ TM	Pending	1	NZ	GK Gluten Free Foods Pty Ltd trading as GF Oats Australia	1104341	2018-10-09	VC.05.13, VC.24.07, VC.25.01, VC.27.05	30	

# GLOBAL DESIGN DATABASE

## ■ What is an industrial design?

In a legal sense, an industrial design constitutes the ornamental or aesthetic aspect of an article.

## ■ It may consist of:

- three dimensional features, such as the shape of an article
- two dimensional features, such as patterns, lines or color

## ■ searches more than 5,260,000 industrial designs in

- WIPO-administered Hague System
- participating national collections



# GLOBAL DESIGN DATABASE

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact Us | My account | English ▾

Home | Knowledge | Global Design Database

searches ▾ records ▾ help ▾

## Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.  
[Join us on October 16 or 18 for a free webinar](#)

**SEARCH BY**

Design Names Numbers Dates Country

Indication of Products =

Design class =

Description =

**search**

**FILTER BY**

Source	Designation	Locarno Class	Reg. Year *
CA Designs	169,904	DE Designs	1,139,708
FR Designs	755,108	GE Designs	2,384
JP Designs	564,867	JP Designs	564,867
JO Designs	2,193	MD Designs	10,361
MN Designs	2,663	MN Designs	2,663
NZ Designs	48,596	US Designs	828,393
ID Designs	56,693	US Designs	828,393
EM Designs	1,171,125	WO Designs	98,232

Display: List Sort: Value - asc **filter**

1 - 10 / 5,267,945 Display: 10 per page options

Sort by Reg. Date - desc

NZID 424946 a BEVERAGE DISPENSER 2018-10-10 SOCIETE DES PRODUITS NESTLE S.A.	
NZID 424945 a BEVERAGE DISPENSER 2018-10-10 SOCIETE DES PRODUITS NESTLE S.A.	
NZID 424927 a BEVERAGE DISPENSER 2018-10-10 SOCIETE DES PRODUITS NESTLE S.A.	
NZID 424926 a BEVERAGE DISPENSER 2018-10-10 SOCIETE DES PRODUITS NESTLE S.A.	

# GLOBAL DESIGN DATABASE

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact Us | My account | English

Home | Knowledge | Global Design Database

searches records help

## Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.  
[Join us on October 16 or 18 for a free webinar](#)

**SEARCH BY** Design Names Numbers Dates Country

Indication of Products =

Design class = **football boots**

Description =

CURRENT SEARCH  
DC.LC.02-04

1 - 10 / 178,694

**FILTER BY** Source Designation Locarno Class Reg. Year

CA Designs	0	DE Designs	34,846	ES Designs	38,266
FR Designs	16,083	GE Designs	49	JP Designs	8,298
JO Designs	0	MD Designs	389	MN Designs	72
NZ Designs	609	US Designs	7,753	ID Designs	2,336
EM Designs	68,495	WO Designs	1,598		

Display: List Sort: Value - asc filter

Display: 10 per page options

1 / 17,870

CA.006-05-02: Overshoes, Boots and Ski Boots

LC.02-04: Boots

LC.02-04: Boots for sports [special]

LC.02-04: Climbing boots

LC.02-04: Downhill skiing boots

LC.02-04: Football boots

LC.02-04: Half-boots

LC.02-04: Shoe and boot uppers

LC.02-04: Snow boots [après-ski boots]

LC.02-04: Snowboard boots

0057312023-0001

Shoes

2018-10-04

State of North ApS, Legal Entity

EMID

005712023-0001

Shoes

2018-10-03

State of North ApS, Legal Entity

EMID

005712007-0001

Shoes

2018-10-03

State of North ApS, Legal Entity

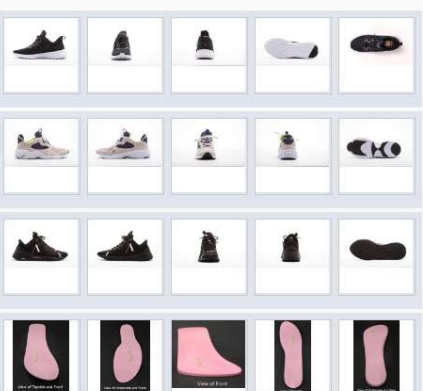
NZID

424699

A foot bed for a shoe

2018-10-02

All Podiatry Pty Ltd



# GLOBAL DESIGN DATABASE

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact Us | My account | English ▾

Home | Knowledge | Global Design Database

## Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.

[Join us on October 16 or 18 for a free webinar](#)

← back (Information valid as of 20181005)

1 / 1

### Hague Registration

Current Status | History

#### Current Status

**Registration under 1999 Act**

(11) International Registration Number	DM/093 532
(15) Date of the international registration	01.09.2016
(18) Expected expiration date of the registration/renewal	01.09.2021
(22) Filing date	01.09.2016
(73) Name and address of the holder(s)	NIKE INNOVATE C.V. One Bowerman Drive, Beaverton OR 97005-6453 (US)
(86) Contracting Party of which the holder is a national	US
(87) Contracting Party in the territory of which the holder has a domicile	US
(88) Contracting Party in the territory of which the holder has an industrial or commercial establishment	US

# GLOBAL DESIGN DATABASE

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact Us | My account | English ▾

Home | Knowledge | Global Design Database

## Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.  
[Join us on October 16 or 18 for a free webinar](#)

↩ back (Information valid as of 20181005)

1 / 1

### Hague Registration

Current Status | History

#### History

Designated contracting parties:  
All JP KR

Statement of Grant of Protection: JP: Bulletin No. 26/2018 PDF

(11) International registration number  
DM/093 532

(81) Designated Contracting Party which made the notification, followed by the date on which protection was granted where that date was communicated to the International Bureau  
JP; 15.06.2018

(24) Date on which the international registration produced the effect as a grant of protection under the applicable law  
15.06.2018

(58) Date of recording in the International Register  
22.06.2018

Refusal: KR: Bulletin No. 29/2017 PDF

(11) International Registration Number  
DM/093 532

(81) Designated Contracting Party which pronounced the refusal  
KR

(58) Date of recording in the International Register  
17.07.2017

# WIPO Lex

- WIPO Lex is a global database that provides access to legal information on intellectual property (IP)

- treaties administered by WIPO
- other IP-related treaties
- laws and regulations of some 200 countries

- Sources

- Notifications from WIPO Members under Article 15(2) of the Paris Convention and Article 24(2) of the Berne Convention
- Notifications from WTO Members under Article 63.2 of the Agreement on Trade-Related Aspects of Intellectual Property (TRIPS)
- Direct submissions from national IP offices of texts of IP laws and regulations.
- The websites of national IP offices and other credible legal databases

- <http://www.wipo.int/wipolex/en/>

# WIPO Lex

The screenshot shows the WIPO Lex website interface. At the top, there is a browser address bar with the URL [www.wipo.int/wipolex/en/](http://www.wipo.int/wipolex/en/). Below the address bar is a dark blue header with the WIPO logo on the left and "Contact Us" and "English" on the right. A breadcrumb trail reads "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](#)

- [Members' Profiles](#)
- [Treaty Secretariat](#)
- [WIPO-WTO Common Portal](#)
- [Glossary](#)
- [Partners](#)
- [Brochure](#)
- [How to Use](#)

Navigation tabs: IP Legislation (selected), Treaties, Full Text Search

WIPO/WTO/UN Members

- Select a Member
- Afghanistan (21)
- Albania (40)
- Algeria (41)
- Andorra (17)
- Angola (23)
- Antigua and Barbuda (44)

Subject Matter

Select a Topic

[Search WIPO Lex](#)

## WIPO Lex Search

Query:

**United Kingdom**

**Patents (Inventions)**

121 record(s) found.

### Main IP Laws: enacted by the Legislature

Date of Text	Entity	Title
July 22, 2004	United Kingdom	<a href="#">Patents Act 2004 (An Act to amend the Patents Act 1977)</a>
July 24, 2002	United Kingdom	<a href="#">Copyright, etc. and Trade Marks (Offences and Enforcement) Act 2002 (Chapter 25)</a>
November 15, 1988	United Kingdom	<a href="#">Copyright, Designs and Patents Act 1988 (Chapter 48, incorporating amendments up to the Digital Economy Act 2017)</a>
July 29, 1977	United Kingdom	<a href="#">Patents Act 1977 (Chapter 37, incorporating amendments up to Patents Regulations 2000)</a>
December 16, 1949	United Kingdom	<a href="#">Registered Designs Act 1949 (Chapter 88, incorporating amendments up to the Crime and Courts Act 2013)</a>
August 28, 1907	United Kingdom	<a href="#">Patents and Designs Act 1907 (Chapter 29, as amended up to the Trade Marks Act 1994)</a>

### IP-related Laws: enacted by the Legislature

Date of Text	Entity	Title
	United Kingdom	<a href="#">The Enterprise Act 2002</a>
	United Kingdom	<a href="#">Legal Services Act 2007</a>
	United Kingdom	<a href="#">Tribunals, Courts and Enforcement Act 2007</a>
	United Kingdom	<a href="#">The Courts and Legal Services Act 1990</a>
	United Kingdom	<a href="#">The Finance Act 2013</a>
	United Kingdom	<a href="#">The Criminal Justice Act 2003</a>
October 30, 2013	United Kingdom	<a href="#">The Competition Act 1998 (Chapter 41)</a>
June 17, 2013	United Kingdom	<a href="#">The Cosmetic Products Enforcement Regulations 2013</a>

## United Kingdom

### Patents Act 2004 (An Act to amend the Patents Act 1977)

<b>Year of Version:</b>	2004
<b>Date of Text (Enacted):</b>	July 22, 2004
<b>Type of Text:</b>	Main IP Laws: enacted by the Legislature
<b>Subject Matter:</b>	Enforcement of IP and Related Laws, IP Regulatory Body, Patents (Inventions)
<b>Notes:</b>	<p>The Patents Act 2004 amends the Patents Act 1977 ('the 1977 Act'), which is the main patent law and the statute governing the patents system in the UK. The purpose of the Act is as follows:</p> <ul style="list-style-type: none"> <li>- to bring the UK patents system into line with the revised European Patent Convention (EPC)</li> <li>- to introduce into the 1977 Act some measures designed to assist in the enforcement of patent rights and in the resolution of patent disputes between patent proprietors and third parties</li> <li>-to update the 1 ... [ + ]</li> </ul>
<b>Available Texts:</b>	
<b>English</b>	Patents Act 2004 (An Act to amend the Patents Act 1977) <a href="#">PDF</a>
<b>Related Legislation:</b>	<p><b>Amends</b></p> <ul style="list-style-type: none"> <li>• Patents Act 1977 (Chapter 37, incorporating amendments up to Patents Regulations 2000) (GB324)</li> </ul> <p><b>Relates to</b></p> <ul style="list-style-type: none"> <li>• The Patents Act 2004 (Commencement No. 4 and Transitional Provisions) Order 2007 (GB213)</li> <li>• The Patents Act 2004 (Commencement No. 3 and Transitional Provisions) Order 2005 (GB215)</li> <li>• The Patents Act 2004 (Commencement No. 2 and Consequential, etc. and Transitional Provisions) Order 2004 (GB216)</li> </ul> <p><b>Is amended by</b></p> <ul style="list-style-type: none"> <li>• The Patents Act 2004 (Commencement No. 1 and Consequential and Transitional Provisions) Order 2004 (GB217)</li> </ul>
<b>WIPO Lex No.:</b>	GB136



# Highlights

- PI dissemination helps build value around IP data
- Quality data is paramount to spread PI
- PATENTSCOPE and other WIPO tools help leverage the value of PI



# Thank you for your attention

- **William Keyser**  
Software Engineer  
Patent Database Section  
Global Infrastructure Sector  
WIPO, Geneva, Switzerland