

Topic 4: PATENTSCOPE – 2017 Updates



IP Roundtable meeting Geneva – October 2017

- Speaker: Iustin Diaconescu,
Head, Patent Database Section, Global Infrastructure Sector



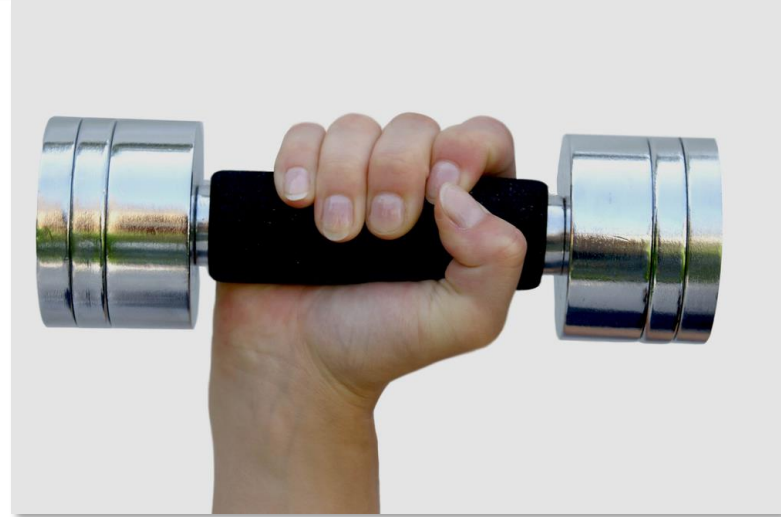
PATENTSCOPE – Updates

- WIPO Case Integration
- Query Assistant, BM25 scoring system
- CPC
- PCT Search reports in XML
- Coverage, new patent offices
- New Projects for 2018

PATENTSCOPE Summary

- 3,2 million published PCT applications (first publish every week, high quality full text)
- 65 million patent applications from 53 patent offices or regions
- 35'000 unique users per day
- Analyze results by graphs and charts
- Search and read in your language

PATENTSCOPE Strengths



- Complete PCT publication coverage
- One of the best collections of international full text patents.
- Language processing tokenizers in 20 languages
- Chemical Search
- CLIR

WIPO CASE Integration in PATENTSCOPE

- Dossier content from participating intellectual property (IP) offices can now be accessed via PATENTSCOPE in the *Documents* tab.
- content available for patent applications from
 - Europe, Japan, Canada, Australia and US
- more national collections in near future

WIPO CASE Integration in PATENTSCOPE

- Dossier content available via PATENTSCOPE contains non-confidential public documents related to the search and examination of patent applications during the patenting process in each office including:
 - search reports
 - office actions and
 - correspondence between the applicant and the patent office,

WIPO Case integration



PATENTSCOPE

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WORLD INTELLECTUAL PROPERTY ORGANIZATION

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Home > IP Services > PATENTSCOPE

1 (CA2932280) SLIDING RAILS FOR MOUNTING SHELF

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

Global Dossier

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

Query Assistant



PATENTSCOPE

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Advanced Search

Search For:

This value is not recognized for this field (OF:)


OF:P

Language:

PCT
Dominican Rep.
Egypt
Eurasian Patent Office
Japan
Panama
Peru
Portugal
Republic of Korea
Singapore
Spain
ARIPO
European Patent Office
LATIPAT

[Instant Help](#) [Toggle](#)

Query Assistant

Advanced Search 

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

Search For:

Language:

Instant Help

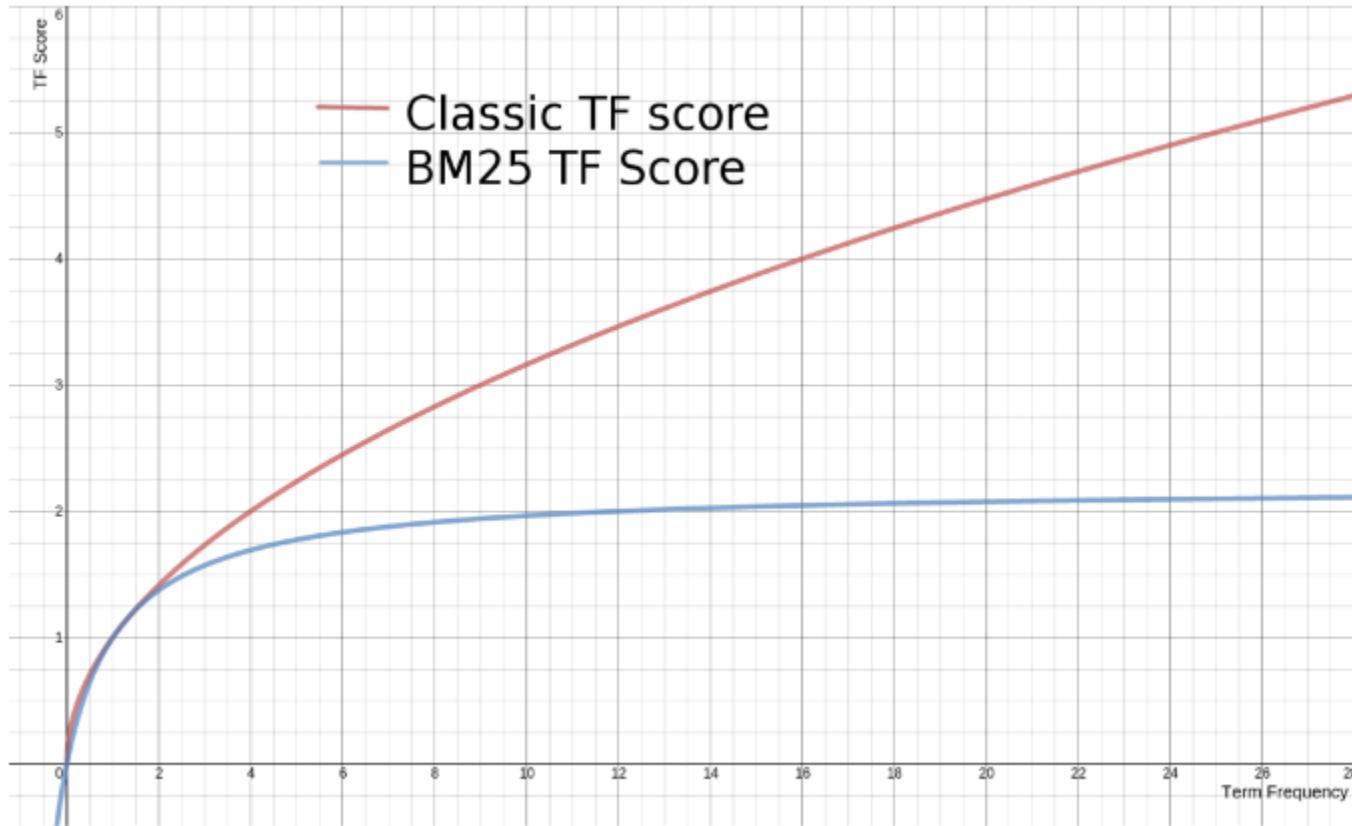
- All Names
- Applicant Name
- Inventor Name
- Legal Representative Name
- Main Applicant Name
- Main Inventor Name
- Main Legal Rep Name
- Vietnamese Abstract
- Vietnamese All
- Vietnamese Claims
- Vietnamese Description
- Vietnamese Text
- Vietnamese Title

PATENTSCOPE search relevance algorithm BM25

Search relevancy now uses Okapi BM25; this improves how the 'best results' are showing at the top of the result list, basically, the main difference being that high term frequency doesn't have an impact on the final score.

The saturation function of BM25 asymptotically approaches a limit for high term frequencies and therefore high term frequency doesn't have an impact on the final score

PATENTSCOPE search relevance algorithm – BM25




Enhanced kind codes search

- two new kind code fields in index:
 - DTY - latest kind code
 - DTY_M - first and the last kind code
 - used also in the group by view in PATENTSCOPE
- All the PCT applications indexed with kind code 'A'


CPC's in PATENTSCOPE

1. (CN1114320) Vinylcarboxylic acid derivatives

National Biblio. Data	Description	Claims	Drawings	Documents
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Permanent Link/ Bookmark: 

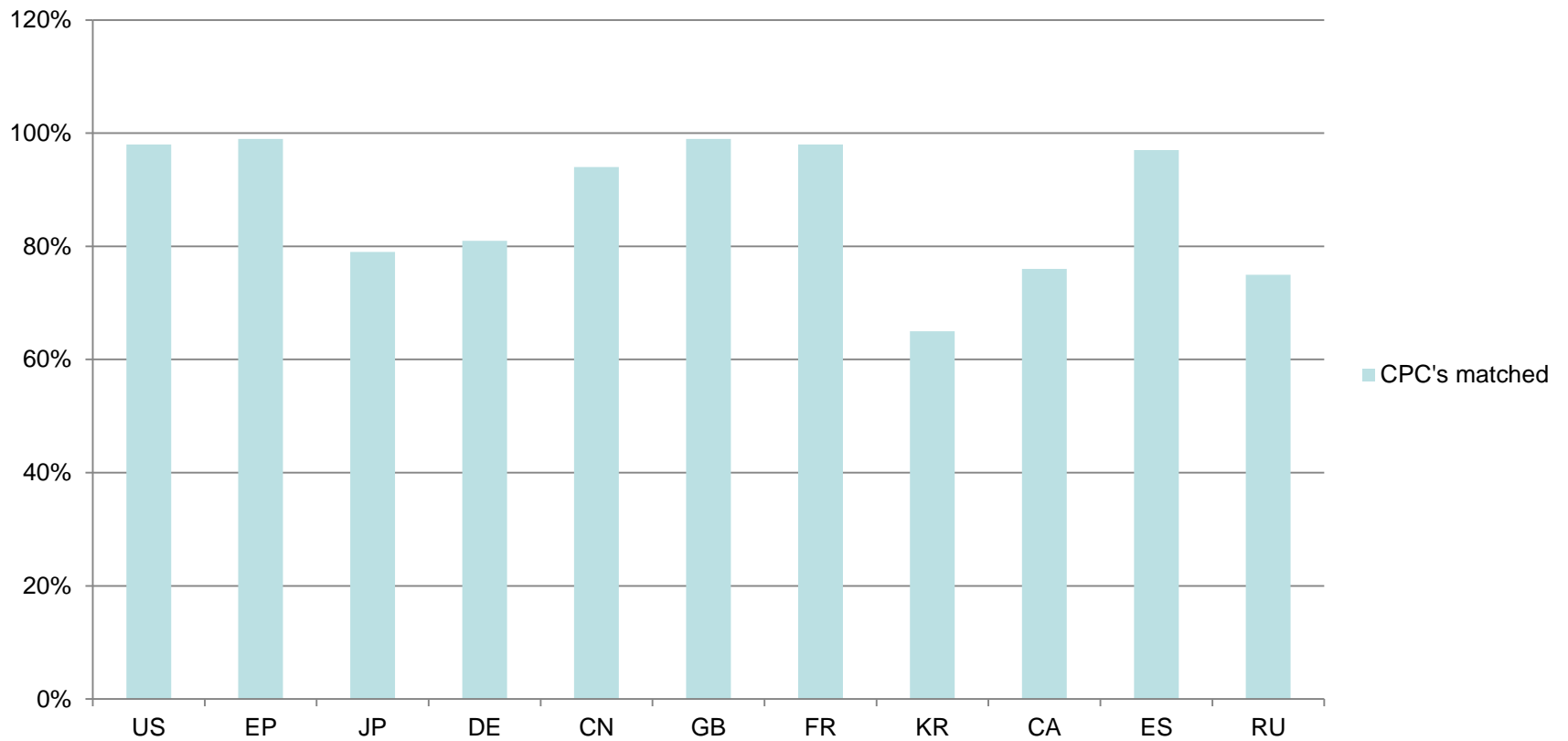
Application Number: 94113507.1 **Application Date:** 28.12.1994
Publication Number: 1114320 **Publication Date:** 03.01.1996
Publication Kind : A

IPC: C07C 327/42  **CPC:** C07D 295/192
C07F 7/02

- A01N 37/22
- A01N 37/24
- A01N 41/06
- A01N 41/10
- A01N 55/00
- C07C 51/38
- C07C 57/52
- C07C 69/63
- C07C 69/65
- C07C 233/09
- C07C 233/33
- C07C 233/55
- C07C 237/42
- C07C 255/60
- C07C 311/46
- C07C 317/40
- C07C 323/41
- C07C2101/02
- C07C2101/14
- C07C2101/18
- C07F 7/0818
- C07F 7/184

CPC's in PATENTSCOPE

CPC's matched



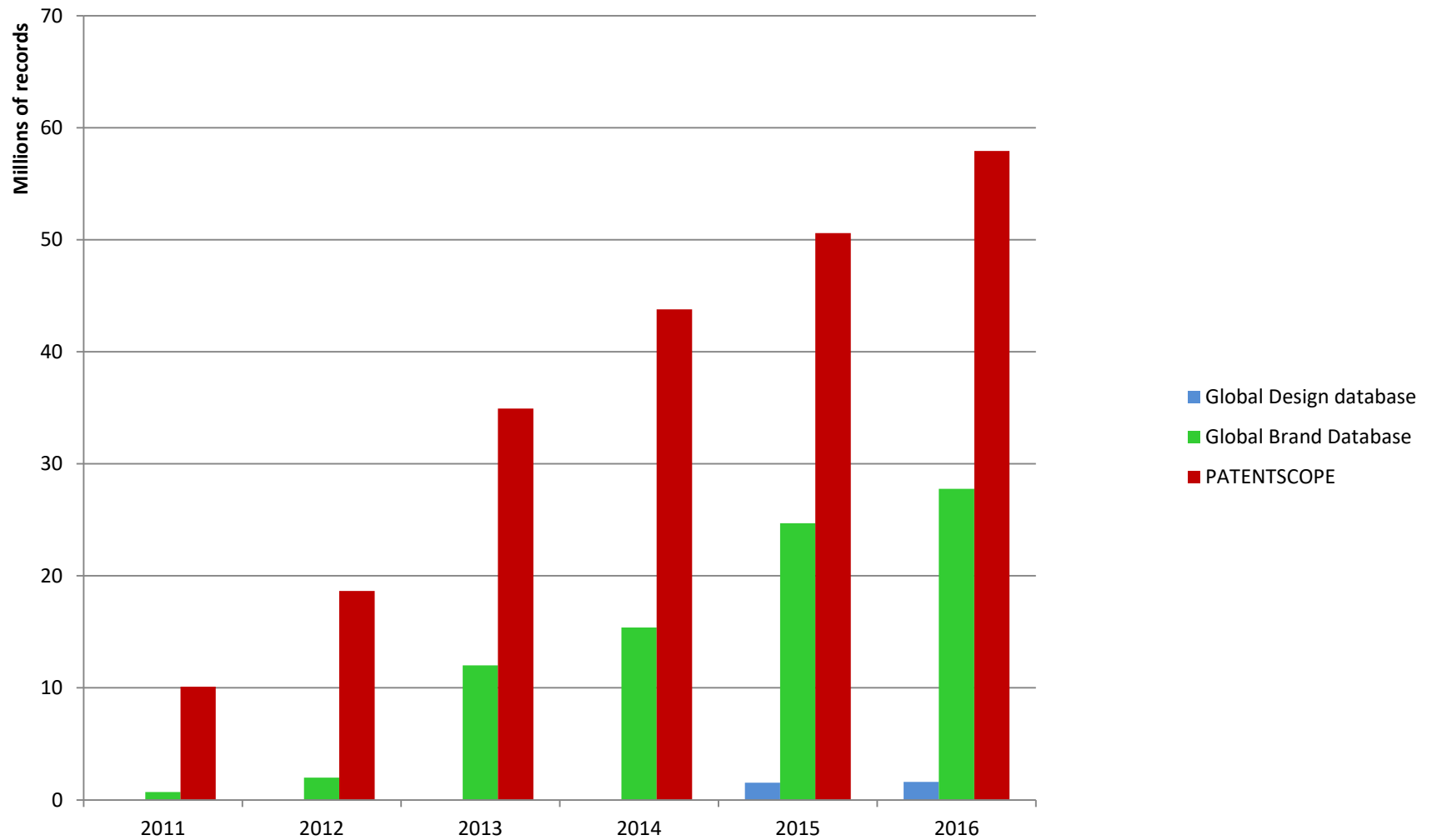
Coverage: New Collections

Country	First Publication	Last Publication	Count
Australia	1900-01-14	2017-03-23	1617428
Denmark	1895-03-25	2017-02-13	394799
France	1859-07-02	2017-03-10	2410262
Saudi Arabia	1995-12-23	2015-10-11	3978

Country	Publication range from	Publication range to	Applications @ PATENTSCOPE		
BN	09/01/1985	10/04/2017	1256		
KH	04/03/2015	11/04/2017	15		
PH	09/01/2012	30/08/2017	18964		
ID	02/12/1987	29/09/2017	109820		
VN	25/05/1997	26/06/2017	54969		
MY	18/08/1986	23/09/2017	152192		
TH	13/08/1980	07/09/2017	116548		

■ New Offices: India, Netherlands, Romania, Georgia

PATENTSCOPE coverage



Search Reports in XML

Machine translation

1. (WO2017046641) METHOD FOR IMPROVING THE CONSUMPTION PROPERTIES OF A LIGHTING DEVICE

PCT Biblio. Data Description Claims Drawings **ISR/WOSA/A17.2** International Phase Notices Documents

Declaration of Non-Establishment of ISR Written Opinion of the International Search Authority

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**PATENT COOPERATION TREATY
PCT
WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY**
(PCT Rule 43 bis.1)

International application No. PCT/IB2016/001218	Applicant's or agent's file reference		
International filing date 25 February 2016	Priority date 25 February 2015	Date of mailing 13 March 2017	
International Patent Classification (IPC) or both national classification and IPC F21V 8/00 (2006.01); F21V 23/02 (2006.01)i			
Applicant DYUKIN SERGEY			

1. This opinion contains indications relating to the following items:

- Box No. I [Basis of the opinion](#)
- Box No. II [Priority](#)
- Box No. III [Non-establishment of opinion with regard to novelty, inventive step and industrial applicability](#)
- Box No. IV [Lack of unity of invention](#)
- Box No. V [Reasoned statement under Rule 43bis.1\(a\)\(i\) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement](#)
- Box No. VI [Certain documents cited](#)
- Box No. VII [Certain defects in the international application](#)
- Box No. VIII [Certain observations on the international application](#)

2. FOR FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

New projects - NPL

■ Non-patent literature inclusion in PATENTSCOPE

Only patent texts have so far been indexed in PATENTSCOPE: patent titles, abstracts, description and claims.

The goal of this project is to add to PATENTSCOPE non patent literature documents obtained from open access scientific literature sources and to match corresponding fields as follows in the index to allow for searches against both patent literature and non-patent literature at the same time:

New projects - NPL

PATENT Field name	Non Patent Literature Field name
Publication number	doi
Publication language	Publication language
Title	Title
Abstract	Abstract
Description	Body of the NPL document
Claims	N/A
Agent	Publisher info, Journal title, volume and issue
Applicants	Authors
Inventors	Authors
Publication date	Publication date
Filing date	Filing date
Link in national register	DOI URL
International Patent Classification Codes	IPC codes attributed to the journal
N/A	Keywords

New Projects: Quality of Source project

- Improving the full text of the patents for the participating European Offices
- In collaboration with EPO
- WIPO – OCR software deployed to the European patent offices, training provided.

New Projects: PATENTSCOPE Redesign

- retrofit the site to a responsive design.
- implement a site layout for four different device sizes.
- use specific device capabilities such as swiping for cell phones and tablets.

Chemical Search

- Bulk Annotation of Korean, Chinese, Japanese and national collections
- Annotation of EPO collection (EN, DE, FR)
- Substructure / chemical similarity search

July 1, 2017 PCT Rule Amendments (2)

- designated Offices required to provide IB with timely national phase entry and related data (Rules 86 & 95)
 - Objective: visibility of the status of PCT application during the national phase on PATENTSCOPE under the “National phase” tab
 - Obligation for designated Offices to timely send national phase entry and related data to the IB (within 2 months from expiry of national phase deadline or asap thereafter)
 - Data required to be transmitted:
 - Date national phase entered
 - National application number
 - Number and date of any national publication
 - Number and date of grant
 - Effective as from 1 July 2017 for applications in respect of which the acts referred to in Article 22 or Article 39 are performed on or after that date

National Phase Entries (NPE)

- Better data quality and coverage
- Improved IT support in WIPO

PAT-INFORMED

Patent Information Initiative for Medicines



PAT-INFORMED DATABASE

The gateway to medicine patent information

The Pat-INFORMED database facilitates access to patent information for health agencies to conduct evaluations of medicine patent status worldwide. It clearly links public patent information with registered medicines and offers qualified procurement agencies a communication channel for follow-on inquiries. The database also links to available information on WIPO's own global database, PATENTSCOPE.

Supported by



Search pharmaceutical patents - Ex : aspirin 100mg

Countries filter ▼

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Countries filter ▼


INN	Dosage	Route	Strength	Company	Patents
Pioglitazone Hydrochloride	Tablet	Oral	All		<p>WO2007007659 - TABLET</p> <p>WO2007136129 - ORAL PREPARATION COMPRISING PIOGLITAZONE</p>
Glimepiride; Pioglitazone Hydrochloride	Tablet	Oral	All		<p>AT1174135 - Pharmaceutical Composition For Use In Treatment Of Diabetes</p> <p>EP1677792 - SOLID PREPARATION COMPRISING PIOGLITAZONE, GLIMEPIRIDE AND A POLYOXYETHYLENE</p> <p>WO2007072992 - SOLID PREPARATION</p>
Sunitinib Malate	Capsule	Oral	All		<p>WO0160814 - Pyrrole Substituted 2-Indolinone Protein Kinase Inhibitors</p>
Vildagliptin	Tablet	Oral	50mg		<p>WO2000034241 - N-SUBSTITUTED 2-CYANOPYRROLIDINES</p> <p>WO2001052825 - COMBINATIONS COMPRISING DIPEPTIDYLPEPTIDASE-IV INHIBITORS AND ANTIDIABETIC AGENTS</p> <p>WO2005067976 - DIRECT COMPRESSION FORMULATION AND PROCESS</p>
Insulin Detemir Recombinant	Solution	Subcutaneous	All		<p>AT792290 - ACYLATED INSULIN</p> <p>BR97098450 - Insulin Preparations Containing NaCl</p>
					<p>WO2002034727 - TREATMENT OF GASTROINTESTINAL STROMAL TUMORS</p>

PAT-INFORMED

Patent Information Initiative for Medicines

sunitinib

ZA - South Africa, MX - Mexico

INN	Dosage	Route	Strength	Company	Patents
Sunitinib Malate	Capsule	Oral	All		WO0160814 - Pyrrole Substituted 2-Indolinone Protein Kinase Inhibitors

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Pyrrole Substituted 2-Indolinone Protein Kinase Inhibitors

Participant: 

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

Abstract

The present invention relates to pyrrole substituted 2-indolinone compounds and their pharmaceutically acceptable salts which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

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

Grant number: MX247860

Link to Patentscope not available.

Jurisdiction : ZA - South Africa

Publication date 2004/01/28 (14 years ago)

Filing date 2001/02/15 (17 years ago)

Grant date 2004/01/28 (14 years ago)

Grant number: ZA20026469

Link to Patentscope not available.

Link to Patentscope not available.

Jurisdiction : ZA - South Africa

Publication date 2004/01/27 (14 years ago)

Grant date 2004/01/27 (14 years ago)

Grant number: 2002/6469

Link to Patentscope not available.

Thank you for your attention

patentscope@wipo.int