PATENTSCOPE
The User's Guide

WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

https://patentscope.wipo.int

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INTRODUCTION

WHAT IS THE PATENTSCOPE SEARCH SYSTEM?

You’re a patent attorney and need to find a specific patent document…

You’re an inventor and want to see whether your latest invention has already been patented…

You’re a researcher and are interested in seeing which technologies have been developed in your field…

You’re an entrepreneur and want to find out who your competitors are and what they’re up to…

The PATENTSCOPE search system just might be the right tool for you!

The PATENTSCOPE search system is the FREE OF CHARGE patent search system provided by the World Intellectual Property Organization (WIPO) that allows you to access millions of patent documents.

This User’s Guide will help you get to know the PATENTSCOPE search system and learn how to get the most out of its powerful search and analysis features.

ABOUT THIS GUIDE

The PATENTSCOPE search system is constantly improving to provide new features and new content to its users. In fact, from the time the writing of this guide started to the time it was completed, a few things have changed on the interface. To keep up to date on the latest developments and changes to the PATENTSCOPE search system, take a look at: *https://patentscope.wipo.int/search/en/help/news.jsf*.

To help readability, a few conventions were used in this book: Web sites urls and email addresses are in *blue* and to refer to something that you see on the interface, PURPLE is used.Tips are indicated with 💡.

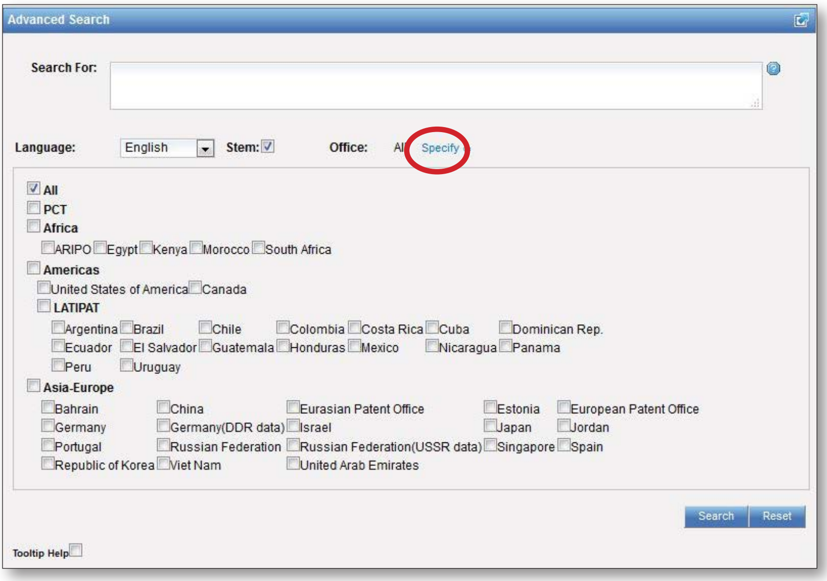
Note: Screenshots in this guide reflect what the interface was like in summer 2015; a few significant changes took place during the writing of this guide.

WHAT IS THE DATA COVERAGE?

PATENTSCOPE gives you access to millions of patent documents, namely:
- International Patent Applications filed under the PCT (Patent Cooperation Treaty);
- Regional and national patent collections from numerous participating countries and organizations, including:

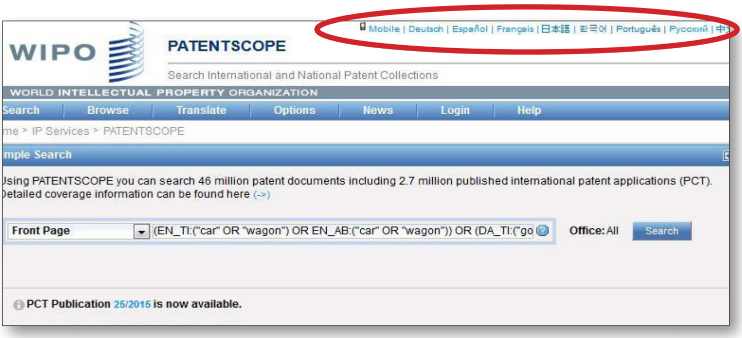
- ARIPO (African Regional Intellectual Property Organization)
- Argentina
- Bahrain
- Brazil
- Canada
- Chile
- China
- Colombia
- Costa Rica
- Cuba
- Dominican Republic
- Ecuador
- El Salvador
- EPO (European Patent Office)
- Egypt
- Estonia
- EAPO (Eurasian Patent Office)
- Germany
- Germany (DDR data)
- Guatemala
- Honduras
- Israel
- Japan
- Jordan
- Kenya
- LATIPAT
- Mexico
- Morocco
- Nicaragua
- Panama
- Peru
- Portugal
- Republic of Korea
- Russian Federation
- Russian Federation (USSR data)
- Singapore
- South Africa
- Spain
- United Arab Emirates
- Uruguay
- USA
- Vietnam

Please check our website, as we add new collections on a regular basis. The collections available are listed in the ADVANCED SEARCH page, click on SPECIFY next to OFFICE: ALL.


Advanced Search
Search For:
Language: English
Stem: ☑
Office: All
Specify
☑ All
☐ PCT
☐ Africa
☐ARIPO ☐Egypt ☐Kenya ☐Morocco ☐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
☐Bahrain ☐China ☐Eurasian Patent Office ☐Estonia ☐European Patent Office
☐Germany ☐Germany(DDR data) ☐Israel ☐Japan ☐Jordan
☐Portugal ☐Russian Federation ☐Russian Federation(USSR data) ☐Singapore ☐Spain
☐Republic of Korea ☐Viet Nam ☐United Arab Emirates
Search
Reset
Tooltip Help ☐

For the most up-to-date information on data coverage, please go to the HELP menu, DATA COVERAGE at: *https://patentscope.wipo.int/search/en/help/data_coverage.jsf*.

DIFFERENT LANGUAGES AND A MOBILE APPLICATION


Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文
WIPO
PATENTSCOPE
Search International and National Patent Collections
WORLD INTELLECTUAL PROPERTY ORGANIZATION
Search | Browse | Translate | Options | News | Login | Help
me > IP Services > PATENTSCOPE
mple Search
Front Page
Office: All
Search

sing PATENTSCOPE you can search 46 million patent documents including 2.7 million published international patent applications (PCT).
etailed coverage information can be found here (->)

(EN_TI:("car" OR "wagon") OR EN_AB:("car" OR "wagon")) OR (DA_TI:("go

PCT Publication 25/2015 is now available.

The search interface is available in 9 languages.

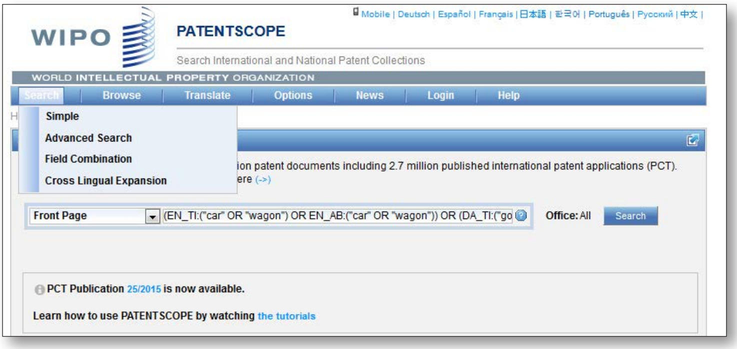
A mobile interface was also created for users who would like to use PATENTSCOPE with their mobile phones. It is called PATENTSCOPE Mobile and it is a simple and fast version of the PATENTSCOPE interface allowing smartphone users to search and browse millions of patent documents. For direct access, please go to: *https://patentscope.wipo.int/search/mobile/index.jsf.*

HOW TO SEARCH?

There are 4 ways to conduct a search using PATENTSCOPE Search service. Those options can be selected from the SEARCH menu as indicated below.

Simple Search

The SIMPLE SEARCH interface is the default interface.


Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 |
WIPO
PATENTSCOPE
Search International and National Patent Collections
WORLD INTELLECTUAL PROPERTY ORGANIZATION
Search | Browse | Translate | Options | News | Login | Help
Simple
Advanced Search
Field Combination
Cross Lingual Expansion
Front Page
Office: All
Search

ion patent documents including 2.7 million published international patent applications (PCT).
ere (->)

(EN_TI:("car" OR "wagon") OR EN_AB:("car" OR "wagon")) OR (DA_TI:("go

PCT Publication 25/2015 is now available.

Learn how to use PATENTSCOPE by watching the tutorials

You can use the SIMPLE SEARCH interface to search for:

- A specific number: a reference to patent document in the press, in a trial, etc.
- An individual, an inventor, an applicant, etc., for example Steve Jobs
- A company whether it is for personal interest, for merging and/or acquisition purposes or to keep track of the work of a competitor
- An IPC code
- A specific date
- A subject matter expressed with simple keywords, a concept that is very specific in order to have a limited number of results

Use the BROWSE BY WEEK option to see all international applications published during a given week).

SEARCH INTERFACE

There are 8 predefined search fields available, each defining different search criteria:

1. FRONT PAGE: the search criteria you entered in this field will be searched in the front page of the document.
2. ANY FIELD: the search criteria you entered in this field will be searched in any fields of the document.
3. FULL-TEXT: enter your query in this field if you are interested in full-text.
4. ENGLISH TEXT: the search criteria you entered in this field will be searched in texts in English.
5. ID/NUMBER: enter publication number, filing number, etc.
6. IPC: enter any International Patent Classification code.
7. NAMES: enter your search in this field to look for the name of an inventor, an applicant, a company, etc.
8. DATES: enter any date in this field such as filing date, publication date, etc.

Click on the question mark to be provided with search examples. If you click on those examples, they will automatically appear in the search box. They give you good examples of the kind of keywords that can be used for the SIMPLE SEARCH interface.

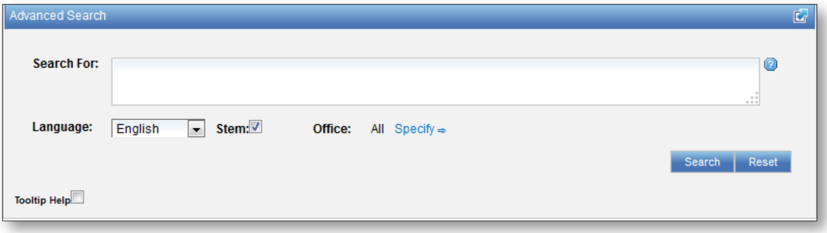
To use the SIMPLE SEARCH interface:

1. Select one of the 8 available search fields from the drop-down menu;
2. If you've selected the full text field, also select the correct language;
3. Enter your search terms into the selected field;
4. Select the collection/s you are interested in the OPTIONS menu (Office tab); and
5. Click the SEARCH button

The spell check as you type is on by default. To turn it off, just right-click anywhere in the search box.

Advanced Search

The ADVANCED SEARCH is the PATENTSCOPE expert search interface that can be used to create complex search queries using an unlimited number of terms.



Advanced Search

Search For:

Language: English

Stem: ☑

Office: All

Tooltip Help ☐

The PATENTSCOPE search service offers a wide range of operators that can be used to combine search terms, including Boolean operators, proximity operators, and range operators. Using these operators can allow you to customize your results. It also allows you to use wildcard operators to search for variants of terms based on a common stem, or root.

For more information about operators available in the PATENTSCOPE search service, take a look at: *https://patentscope.wipo.int/search/en/help/querySyntaxHelp.jsf*

The ADVANCED SEARCH interface uses field codes to define the fields in which search terms must be found.

More information about field codes can be found at:
https://patentscope.wipo.int/search/en/help/fieldsHelp.jsf

Let's look at a few ways the ADVANCED SEARCH interface can be used!

1. Searching for inventions by Steve Jobs published during the period from 2007 to 2009 comprising the keyword "touch" in the description:

   `IN:(Jobs) AND DP:[2007 TO 2009] AND EN_DE:(touch)`

   This search query uses field codes, a Boolean operator, and a range operator. The field codes are IN for inventor, DP for publication date, and EN_DE for English description.
   The Boolean operator AND is used to ensure that all search terms are included in the search results (i.e. that the results are for Jobs as inventor, within the given publication date range, and using the word "touch").
   The range operator TO is used to define a range of publication date values.

2. Searching for inventions related to cutting tree trunks:

   `cutting AND trunk`

   This search query will retrieve over 10,000 results, many of which are not related to cutting tree trunks.

   `cutting NEAR5 trunk`

   This search query retrieves a few hundred results; most of which are related to the wood industry. It uses a proximity operator NEAR to ensure that the two terms are close to each other in your results and specifies that they must be within 5 words of each other by defining the value as NEAR5. Similarly, you could specify that the terms must be within any other number of words of each other, e.g. NEAR4**,** NEAR100.

3. Searching for surgical instruments that are referred to after the paragraph "Field of the invention":

   `"Field of the invention" BEFORE100 "surgical instruments"`

   The operator BEFORE allows users to define the part of the description the search should be carried out: only documents containing surgical instruments positioned 100 words after "Field of the invention" will be retrieved.

SEARCH INTERFACE

To use the ADVANCED SEARCH interface:

1. Enter keywords/Boolean expression/field codes etc. Please read the Annex section of this guide or go to the HELP menu on the search interface (select HOW TO SEARCH and then QUERY SYNTAX) for a complete list of Boolean expressions and FIELDS DEFINITION;
2. Select the language in which you would like to perform the search. 13 languages are available;
3. Select the collection/s you are interested in using the SPECIFY button.

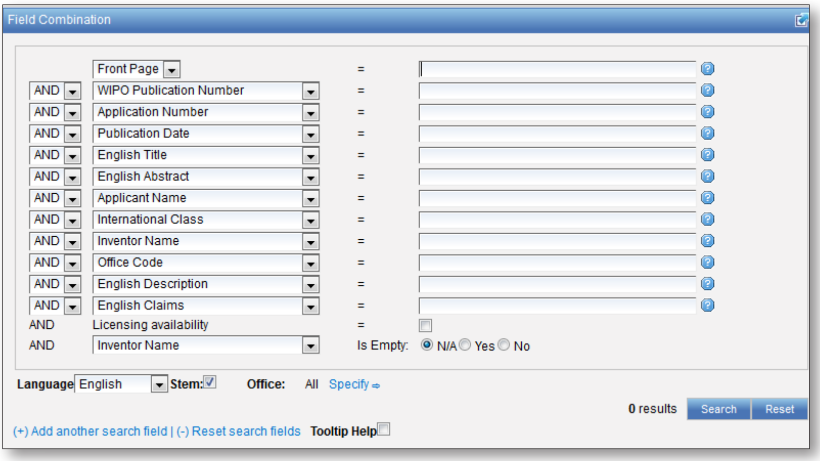
Stem ☑ Untick this box if you would like to restrict your search to the exact word/sentence typed in the box. Stemming uses the root form of a word; if you type “cell”, results will include “cell”, “cells”, etc. The stemmer is related to the language of the search, in this example, it is therefore the English stemmer.

Tooltip Help ☑ By ticking the TOOLTIP HELP you will be shown examples when moving your mouse over the interface.

? Clicking on this QUESTION MARK will automatically display some search examples.

Field Combination

The FIELD COMBINATION interface can be used to structure a more targeted search using specific search criteria in any search fields (eg. title, abstract, description, etc.) can be performed using this interface.



Field Combination

Front Page =
AND WIPO Publication Number =
AND Application Number =
AND Publication Date =
AND English Title =
AND English Abstract =
AND Applicant Name =
AND International Class =
AND Inventor Name =
AND Office Code =
AND English Description =
AND English Claims =
AND Licensing availability = ☐
AND Inventor Name Is Empty: ● N/A ○ Yes ○ No

Language English Stem: ☑ Office: All Specify

0 results

The FIELD COMBINATION SEARCH, a list of preset search fields that can be combined according to the users’ needs, should be used to search different concepts such as:

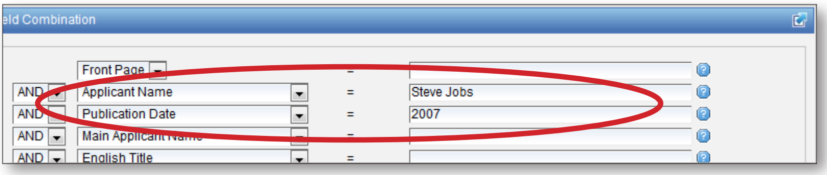
- a date and an inventor
- an inventor and a company,
- etc.

Basically any combination of the preset search fields available in the FIELD COMBINATION SEARCH is possible.

Here are a few examples:

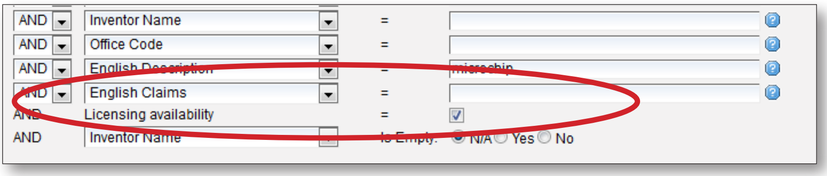
SEARCH INTERFACE

1. Searching for the inventions filed by Steve Jobs in 2007.
   In the drop-down box, select the field APPLICANT NAME and enter **Steve Jobs**; select AND and the field PUBLICATION DATE and enter **2007**



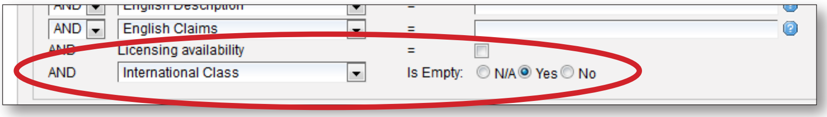
Front Page =
AND Applicant Name = Steve Jobs
AND Publication Date = 2007
AND Main Applicant Name =
AND English Title =

2. Searching for applications containing microchip with licensing availability. In the drop-down box, select ENGLISH DESCRIPTION and enter **microchip**, then tick the LICENSING AVAILABILITY box (one before last in the FIELD COMBINATION interface).



AND Inventor Name =
AND Office Code =
AND English Description = microchip
AND English Claims =
AND Licensing availability = ☑
AND Inventor Name Is Empty: ● N/A ○ Yes ○ No

3. Searching for missing information using the empty field option: for example you could search applications without any IPC code. On the last line, select the IPC in the drop-down box and tick YES next to EMPTY.



AND English Description =
AND English Claims =
AND Licensing availability = ☐
AND International Class Is Empty: ○ N/A ● Yes ○ No

To use the Field Combination interface:

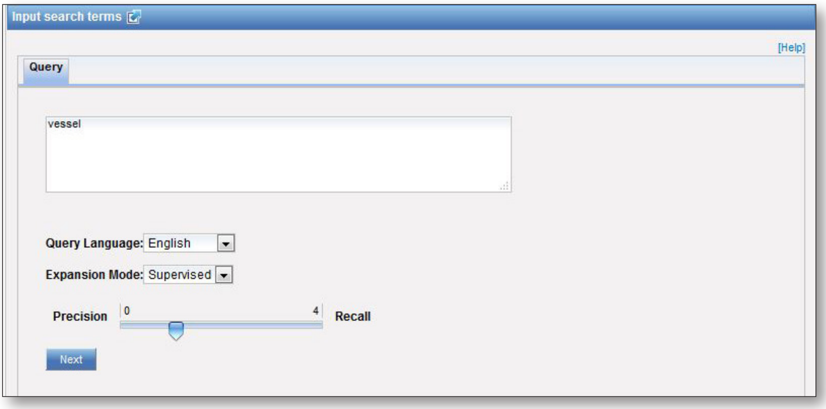
1. Select the field/s of interest using the arrow of the drop-down menu
2. Use the AND/OR boxes to add or include fields
3. If you would like to add more fields or remove one or more fields, please click on:
(+) Add another search field | (-) Reset search fields
4. Select the language in which you would like to perform the search: 13 languages are available
5. Select the collection/s you are interested in using the SPECIFY button.

CLIR

CLIR stands for Cross Lingual Information Retrieval and will allow you to search a term or a phrase and its variants in:

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

Just enter one or more terms in one of those languages in the search box and the system will suggest variants and translate the term(s), thus allowing you to search patent documents disclosed in all of these languages.



vessel

Query Language: English

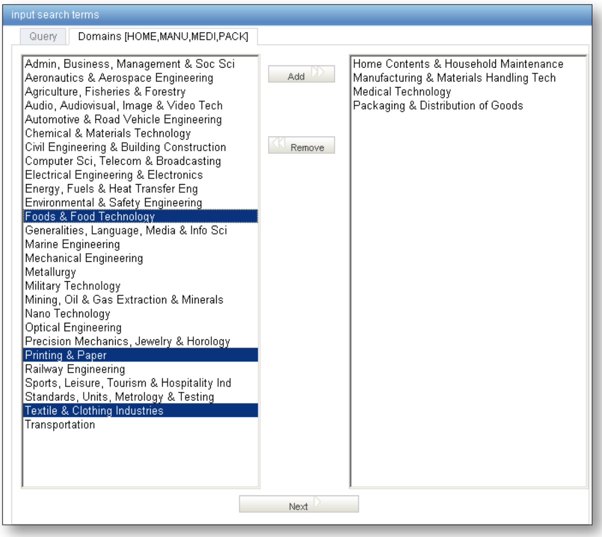
Expansion Mode: Supervised

Step 1: Enter your query

1. Enter the search query in the search box
2. Select the language of your query
3. Select the EXPANSION MODE:
   a. SUPERVISED will allow you to select the technical domain associated with your query and the variants relevant to your query.
   b. AUTOMATIC will generate the results immediately without any further user input.
4. Decide on the balance between PRECISION and RECALL for your query. If you favor precision, an expanded query will be built in order to retrieve only the most relevant results at the risk of missing some results. If you favor recall, an expanded query will be built in order to retrieve more results at the possible expense of accuracy.
   Precision is defined as the proportion of relevant documents in the set of all documents returned by a search query. Precision is a measure of exactness
   Recall is defined as the number of relevant documents retrieved as fraction of all relevant documents. Recall is a measure of completeness.
5. Click on NEXT (if you're using the supervised expansion mode) or SUBMIT QUERY (if you're using the automatic expansion mode).

Step 2: Select the technical domain/s (Supervised mode)

The PATENTSCOPE search system will propose a list of domains to which the keywords you entered in the first step could belong.


input search terms
Query
Domains [HOME,MANU,MEDI,PACK]
Admin, Business, Management & Soc Sci
Aeronautics & Aerospace Engineering
Agriculture, Fisheries & Forestry
Audio, Audiovisual, Image & Video Tech
Automotive & Road Vehicle Engineering
Chemical & Materials Technology
Civil Engineering & Building Construction
Computer Sci, Telecom & Broadcasting
Electrical Engineering & Electronics
Energy, Fuels & Heat Transfer Eng
Environmental & Safety Engineering
Foods & Food Technology
Generalities, Language, Media & Info Sci
Marine Engineering
Mechanical Engineering
Metallurgy
Military Technology
Mining, Oil & Gas Extraction & Minerals
Nano Technology
Optical Engineering
Precision Mechanics, Jewelry & Horology
Printing & Paper
Railway Engineering
Sports, Leisure, Tourism & Hospitality Ind
Standards, Units, Metrology & Testing
Textile & Clothing Industries
Transportation
Add
Remove
Home Contents & Household Maintenance
Manufacturing & Materials Handling Tech
Medical Technology
Packaging & Distribution of Goods
Next

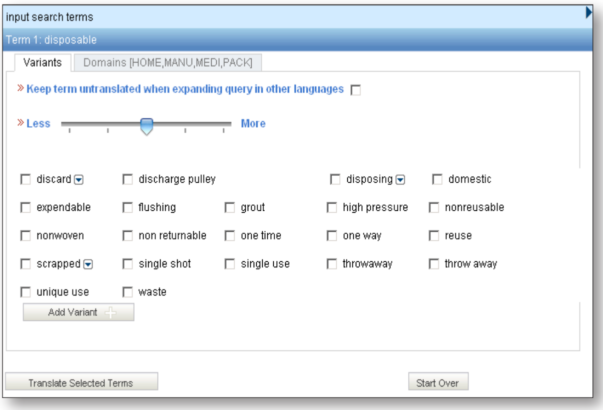
The system will automatically propose domains associated with your query in the right column. If one or more technical domains are not relevant just select it/them and click on the REMOVE button. To add more domains, select the domains in the left column and click on ADD. Click on NEXT. Up to 5 domains can be added.

Step 3: Select the variants relevant to your query (Supervised mode)

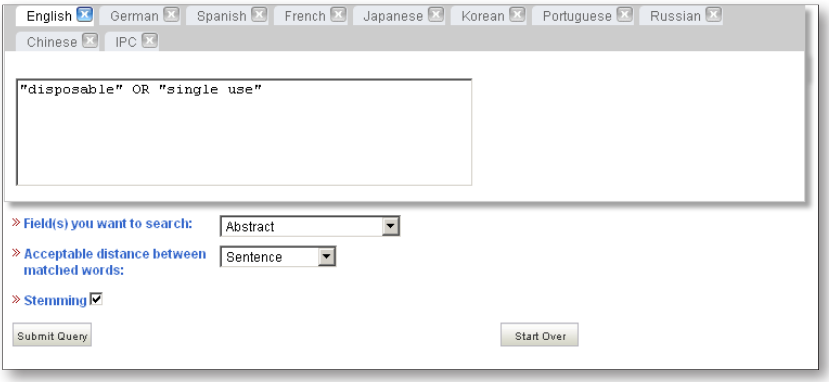
The system will suggest variants for the items of your initial query. Select the checkboxes next to the variants relevant to your query. If you know a variant that is not in the proposed list, click on ADD VARIANT +, enter the variant in the box and select the relevant domain. Click on TRANSLATE SELECTED TERMS or START OVER if necessary.

You can define the number of variant proposals you are interested in by moving the button to LESS for an inferior number of variants and to MORE for a higher number.

Please note that is necessary to check if each displayed variant applies or you run the risk of getting incomplete results.


input search terms
Term 1: disposable
Variants
Domains [HOME,MANU,MEDI,PACK]
» Keep term untranslated when expanding query in other languages ☐
» Less
More
☐ discard
☐ discharge pulley
☐ disposing
☐ domestic
☐ expendable
☐ flushing
☐ grout
☐ high pressure
☐ nonreusable
☐ nonwoven
☐ non returnable
☐ one time
☐ one way
☐ reuse
☐ scrapped
☐ single shot
☐ single use
☐ throwaway
☐ throw away
☐ unique use
☐ waste
Add Variant +
Translate Selected Terms
Start Over

Step 4: Define the fields in which the search should be performed



"disposable" OR "single use"

» Field(s) you want to search: Abstract

» Acceptable distance between matched words: Sentence

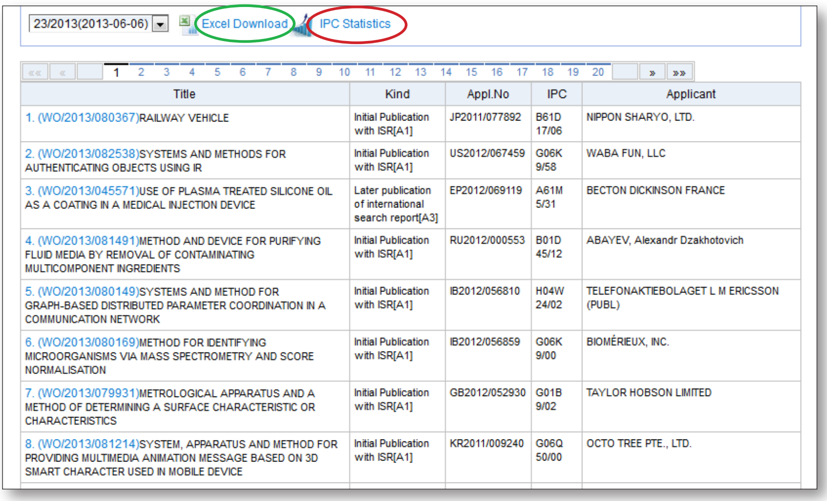
» Stemming ☑

1. Check the translated terms.
2. Define the fields where the search will be performed.
3. Define the distance between the words.
4. Untick the “STEMMING” option if you would like to have results including only the exact term of your search. Stemming uses the root form of the word, for example if you search “swim”, the results will include swimming, swimmers etc.
5. Click on SUBMIT QUERY. Results will be displayed from the search service and results will be displayed.

HOW TO BROWSE?

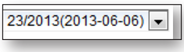
Browse by week (PCT)

WIPO publishes new PCT applications every week on Thursday.
Selecting BROWSE BY WEEK gives access to a list of PCT applications by publication week.



23/2013(2013-06-06)

Title	Kind	Appl.No	IPC	Applicant
1. (WO/2013/080367)RAILWAY VEHICLE	Initial Publication with ISR[A1]	JP2011/077892	B61D 17/06	NIPPON SHARYO, LTD.
2. (WO/2013/082538)SYSTEMS AND METHODS FOR AUTHENTICATING OBJECTS USING IR	Initial Publication with ISR[A1]	US2012/067459	G06K 9/58	WABA FUN, LLC
3. (WO/2013/045571)USE OF PLASMA TREATED SILICONE OIL AS A COATING IN A MEDICAL INJECTION DEVICE	Later publication of international search report[A3]	EP2012/069119	A61M 5/31	BECTON DICKINSON FRANCE
4. (WO/2013/081491)METHOD AND DEVICE FOR PURIFYING FLUID MEDIA BY REMOVAL OF CONTAMINATING MULTICOMPONENT INGREDIENTS	Initial Publication with ISR[A1]	RU2012/000553	B01D 45/12	ABAYEV, Alexandr Dzakhotovich
5. (WO/2013/080149)SYSTEMS AND METHOD FOR GRAPH-BASED DISTRIBUTED PARAMETER COORDINATION IN A COMMUNICATION NETWORK	Initial Publication with ISR[A1]	IB2012/056810	H04W 24/02	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
6. (WO/2013/080169)METHOD FOR IDENTIFYING MICROORGANISMS VIA MASS SPECTROMETRY AND SCORE NORMALISATION	Initial Publication with ISR[A1]	IB2012/056859	G06K 9/00	BIOMÉRIEUX, INC.
7. (WO/2013/079931)METROLOGICAL APPARATUS AND A METHOD OF DETERMINING A SURFACE CHARACTERISTIC OR CHARACTERISTICS	Initial Publication with ISR[A1]	GB2012/052930	G01B 9/02	TAYLOR HOBSON LIMITED
8. (WO/2013/081214)SYSTEM, APPARATUS AND METHOD FOR PROVIDING MULTIMEDIA ANIMATION MESSAGE BASED ON 3D SMART CHARACTER USED IN MOBILE DEVICE	Initial Publication with ISR[A1]	KR2011/009240	G06Q 50/00	OCTO TREE PTE., LTD.



23/2013(2013-06-06)

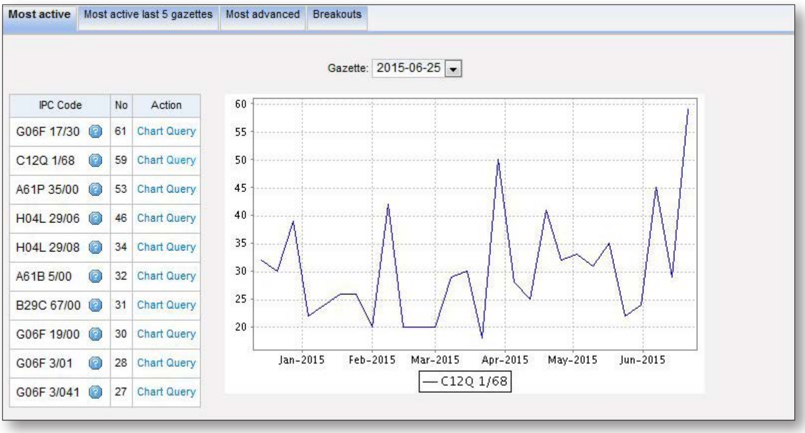
Use the arrow of the drop-down menu to select a PCT publication week.

The result list can be downloaded using the Excel download button (green circle in figure above)

IPC statistics

IPC statistics are available in this BROWSE BY WEEK menu. The idea is to provide a picture of the global trends in PCT applications. For example, it can show who the main and/or new main actors are etc. It takes into account applications that have IPC codes. Out of 3000 published applications, about 100 do not have any IPC code.

To access those statistics click on the IPC statistics button (red circle in the figure page 10).



Gazette: 2015-06-25

IPC Code	No	Action
G06F 17/30	61	Chart Query
C12Q 1/68	59	Chart Query
A61P 35/00	53	Chart Query
H04L 29/06	46	Chart Query
H04L 29/08	34	Chart Query
A61B 5/00	32	Chart Query
B29C 67/00	31	Chart Query
G06F 19/00	30	Chart Query
G06F 3/01	28	Chart Query
G06F 3/041	27	Chart Query

The first tab is called “Most active” which shows the most active IPCs in a specific publication. First select the publication you are interested in in the drop-down menu. The question mark will provide you with the definition of the code when you hover the mouse over it. Here “chart” was selected in the action column. If you select query, you will be redirected to the result list where you can see the query that triggered the graph, the top 10 applicants amongst other values in the Analysis box.

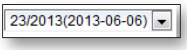
The second tab “Most active last 5 gazettes” shows the most active IPC in the last 5 publications. Options “chart” and “query” are available.

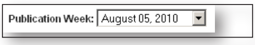
The “Most advanced” tab shows uptrends of IPCs. Options “chart” and “query” are available.

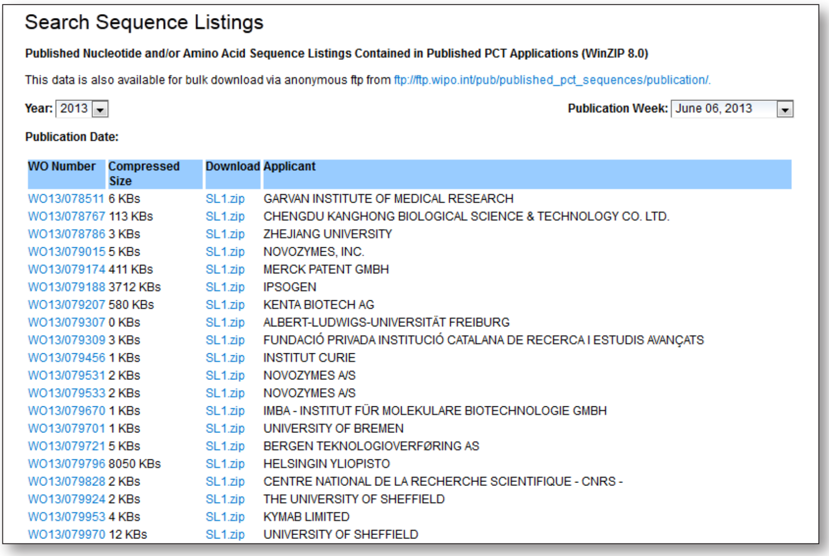
And the last tab “Breakouts” shows a major change in IPCs. Options “chart” and “query” are available.

By sequence listing

Selecting BROWSE: SEQUENCE LISTING gives access to the lists of nucleotide and or amino acid sequence listings contained in published PCT applications. Use the 2 drop-down menus shown below to select the year and publication week.






Search Sequence Listings

Published Nucleotide and/or Amino Acid Sequence Listings Contained in Published PCT Applications (WinZIP 8.0)

This data is also available for bulk download via anonymous ftp from ftp://ftp.wipo.int/pub/published_pct_sequences/publication/.

Year: 2013 **Publication Week:** June 06, 2013

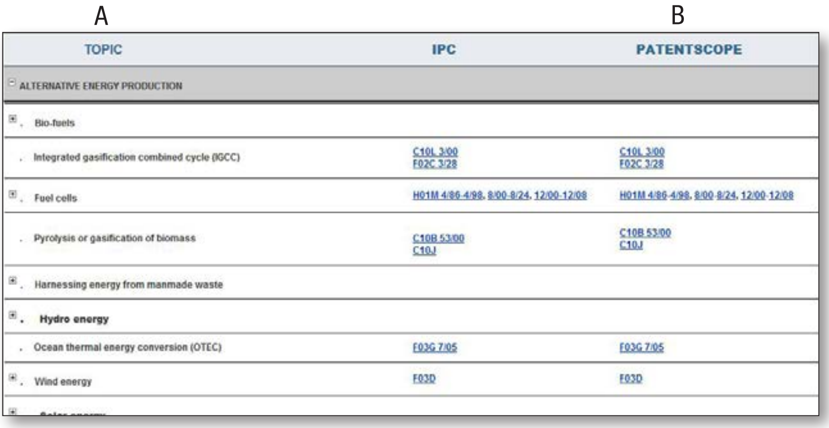
Publication Date:

WO Number	Compressed Size	Download	Applicant
WO13/078511	6 KBs	SL1.zip	GARVAN INSTITUTE OF MEDICAL RESEARCH
WO13/078767	113 KBs	SL1.zip	CHENGDU KANGHONG BIOLOGICAL SCIENCE & TECHNOLOGY CO. LTD.
WO13/078786	3 KBs	SL1.zip	ZHEJIANG UNIVERSITY
WO13/079015	5 KBs	SL1.zip	NOVOZYMES, INC.
WO13/079174	411 KBs	SL1.zip	MERCK PATENT GMBH
WO13/079188	3712 KBs	SL1.zip	IPSOGEN
WO13/079207	580 KBs	SL1.zip	KENTA BIOTECH AG
WO13/079307	0 KBs	SL1.zip	ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG
WO13/079309	3 KBs	SL1.zip	FUNDACIÓ PRIVADA INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS
WO13/079456	1 KBs	SL1.zip	INSTITUT CURIE
WO13/079531	2 KBs	SL1.zip	NOVOZYMES A/S
WO13/079533	2 KBs	SL1.zip	NOVOZYMES A/S
WO13/079670	1 KBs	SL1.zip	IMBA - INSTITUT FÜR MOLEKULARE BIOTECHNOLOGIE GMBH
WO13/079701	1 KBs	SL1.zip	UNIVERSITY OF BREMEN
WO13/079721	5 KBs	SL1.zip	BERGEN TEKNOLOGIOVERFØRING AS
WO13/079796	8050 KBs	SL1.zip	HELSINGIN YLIOPISTO
WO13/079828	2 KBs	SL1.zip	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -
WO13/079924	2 KBs	SL1.zip	THE UNIVERSITY OF SHEFFIELD
WO13/079953	4 KBs	SL1.zip	KYMAB LIMITED
WO13/079970	12 KBs	SL1.zip	UNIVERSITY OF SHEFFIELD

IPC Green Inventory

The IPC GREEN INVENTORY attempts to collect Environmentally Sound Technologies (ESTs as listed by the United Nations Framework Convention on Climate Change (UNFCCC)) in one place as they are currently scattered widely across the IPC in numerous technical fields.

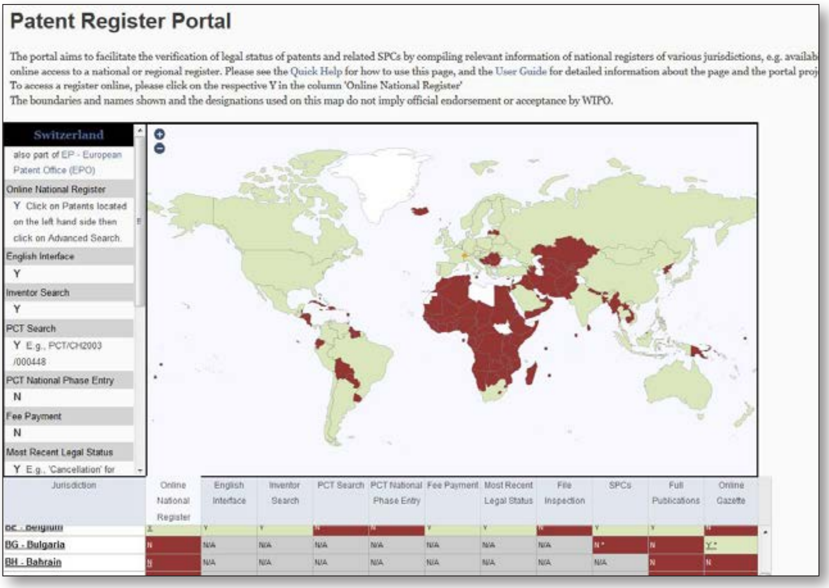
ESTs are presented in a hierarchical structure (A). For each technology, the links in the IPC column direct the user to the corresponding place in the scheme. The links in the PATENTSCOPE column (B) allow the user to automatically search and display all international patent applications available through PATENTSCOPE which are classified in the relevant IPC place.



TOPIC	IPC	PATENTSCOPE
⊟ ALTERNATIVE ENERGY PRODUCTION		
⊞ . Bio-fuels		
. Integrated gasification combined cycle (IGCC)	C10L 3/00 F02C 3/28	C10L 3/00 F02C 3/28
⊞ . Fuel cells	H01M 4/86-4/98, 8/00-8/24, 12/00-12/08	H01M 4/86-4/98, 8/00-8/24, 12/00-12/08
. Pyrolysis or gasification of biomass	C10B 53/00 C10J	C10B 53/00 C10J
⊞ . Harnessing energy from manmade waste		
⊞ . **Hydro energy**		
. Ocean thermal energy conversion (OTEC)	F03G 7/05	F03G 7/05
⊞ . Wind energy	F03D	F03D

In the Portal to Patent Registers

The portal aims to facilitate the verification of legal status of patents and related SPCs by compiling relevant information of national registers of various jurisdictions, e.g. availability of online access to a national or regional register.



Patent Register Portal

The portal aims to facilitate the verification of legal status of patents and related SPCs by compiling relevant information of national registers of various jurisdictions, e.g. availab
online access to a national or regional register. Please see the Quick Help for how to use this page, and the User Guide for detailed information about the page and the portal proj
To access a register online, please click on the respective Y in the column 'Online National Register'
The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by WIPO.

Switzerland

also part of EP - European Patent Office (EPO)

Online National Register
Y Click on Patents located on the left hand side then click on Advanced Search.

English Interface
Y

Inventor Search
Y

PCT Search
Y E.g., PCT/CH2003 /000448

PCT National Phase Entry
N

Fee Payment
N

Most Recent Legal Status
Y E.g., 'Cancellation' for

Jurisdiction	Online National Register	English Interface	Inventor Search	PCT Search	PCT National Phase Entry	Fee Payment	Most Recent Legal Status	File Inspection	SPCs	Full Publications	Online Gazette
BE - Belgium	Y	Y	Y	N	N	Y	Y	N	Y	Y	N
BG - Bulgaria	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N *	N	Y *
BH - Bahrain	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N

How to use the map:

- The map shows, by default, the availability of online national register access (the first column of the table). Click on a column heading of the table to see the geographical distribution of 'Yes, No, NA' of any other column (default is availability of online register access):
  Green: Yes
  Red: No
  Gray: Not applicable (N/A)
  White: Jurisdiction not yet included in portal
- Click on a country on the map to view the country specific information in the window on the left of the map, including respective links to each county's online resources (if available). This information is equivalent to the information presented in the table.

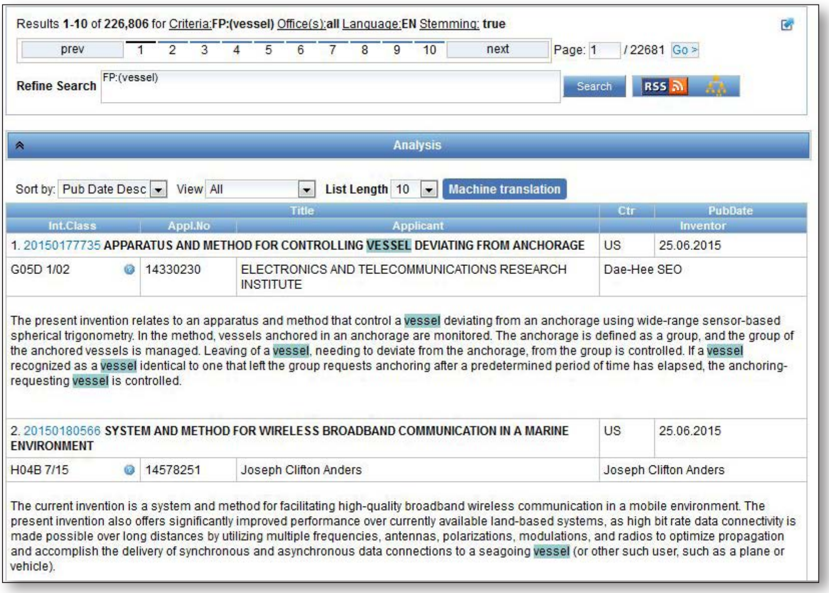
How to use the table:

- An **underscore** indicates that the cell content is hyperlinked, e.g. to a register;
- An **asterisk** indicates supplementary information in a pop-up window that can be activated by moving the cursor over the cell;
- Move the cursor over each column heading of the table to read the definition of what 'Yes' means. For more information, see the detailed descriptions below.
- **Open a link to an online register** by clicking on the respective 'Yes' in the column 'online register'. If no online register is accessible, some 'No' provide additional information on how to submit a request for status information; at least the contact details of WIPO's country profiles are displayed.

The names in the 'jurisdiction' column are hyperlinked to the website of the respective national authority in charge of patent prosecution, i.e. they are not linked.

DISPLAY OF THE SEARCH RESULTS

The search query, whether you performed a SIMPLE; ADVANCED; FIELD COMBINATION or CLIR search, will return a list of results in a window as shown below:



Results **1-10** of **226,806** for Criteria:**FP:(vessel)** Office(s):**all** Language:**EN** Stemming: **true**

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 22681 Go >

Refine Search FP:(vessel)

Sort by: Pub Date Desc View All **List Length** 10 **Machine translation**

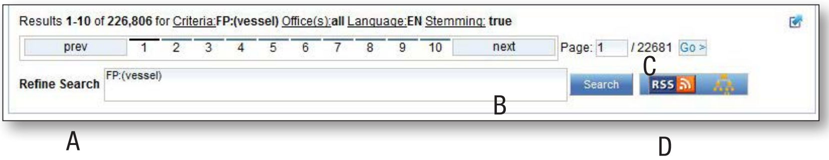
Int.Class	Appl.No	Title / Applicant	Ctr / Inventor	PubDate
1. 20150177735 **APPARATUS AND METHOD FOR CONTROLLING VESSEL DEVIATING FROM ANCHORAGE**			US	25.06.2015
G05D 1/02	14330230	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	Dae-Hee SEO	

The present invention relates to an apparatus and method that control a vessel deviating from an anchorage using wide-range sensor-based spherical trigonometry. In the method, vessels anchored in an anchorage are monitored. The anchorage is defined as a group, and the group of the anchored vessels is managed. Leaving of a vessel, needing to deviate from the anchorage, from the group is controlled. If a vessel recognized as a vessel identical to one that left the group requests anchoring after a predetermined period of time has elapsed, the anchoring-requesting vessel is controlled.

Int.Class	Appl.No	Title / Applicant	Ctr / Inventor	PubDate
2. 20150180566 **SYSTEM AND METHOD FOR WIRELESS BROADBAND COMMUNICATION IN A MARINE ENVIRONMENT**			US	25.06.2015
H04B 7/15	14578251	Joseph Clifton Anders	Joseph Clifton Anders	

The current invention is a system and method for facilitating high-quality broadband wireless communication in a mobile environment. The present invention also offers significantly improved performance over currently available land-based systems, as high bit rate data connectivity is made possible over long distances by utilizing multiple frequencies, antennas, polarizations, modulations, and radios to optimize propagation and accomplish the delivery of synchronous and asynchronous data connections to a seagoing vessel (or other such user, such as a plane or vehicle).

The first component of this window



Results **1-10** of **226,806** for Criteria:**FP:(vessel)** Office(s):**all** Language:**EN** Stemming: **true**

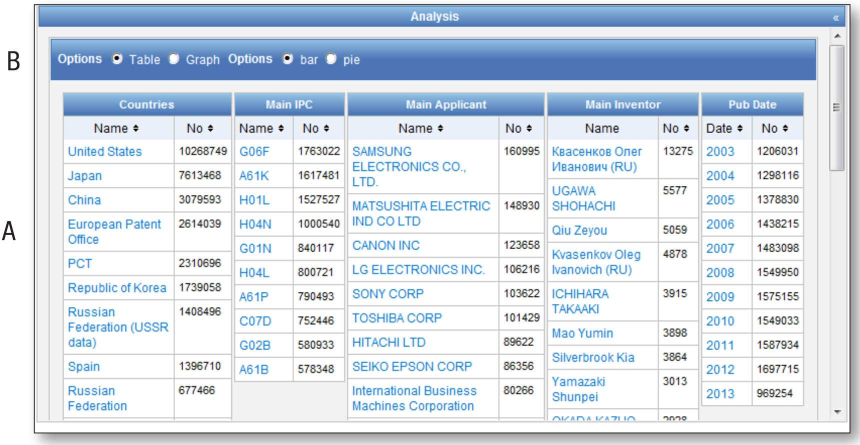
prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 22681 Go >

Refine Search FP:(vessel)

A. Allows the search query to be redefined in reaction to retrieved documents
B. Indicates the search performed and the number of retrieved documents.
C. Lets you to navigate from one search result page to another
D. Allows you to set up RSS notifications based on your search query, helping you to monitor patenting activity and updates in your area of interest

RESULT ANALYSIS

The second "box" of the window is called ANALYSIS and is closed by default. To open it, just click anywhere on the bar:



Options ● Table ○ Graph **Options** ● bar ○ pie

Countries

Name	No
United States	10268749
Japan	7613468
China	3079593
European Patent Office	2614039
PCT	2310696
Republic of Korea	1739058
Russian Federation (USSR data)	1408496
Spain	1396710
Russian Federation	677466

Main IPC

Name	No
G06F	1763022
A61K	1617481
H01L	1527527
H04N	1000540
G01N	840117
H04L	800721
A61P	790493
C07D	752446
G02B	580933
A61B	578348

Main Applicant

Name	No
SAMSUNG ELECTRONICS CO., LTD.	160995
MATSUSHITA ELECTRIC IND CO LTD	148930
CANON INC	123658
LG ELECTRONICS INC.	106216
SONY CORP	103622
TOSHIBA CORP	101429
HITACHI LTD	89622
SEIKO EPSON CORP	86356
International Business Machines Corporation	80266

Main Inventor

Name	No
Квасенков Олег Иванович (RU)	13275
UGAWA SHOHACHI	5577
Qiu Zeyou	5059
Kvasenkov Oleg Ivanovich (RU)	4878
ICHIHARA TAKAAKI	3915
Mao Yumin	3898
Silverbrook Kia	3864
Yamazaki Shunpei	3013

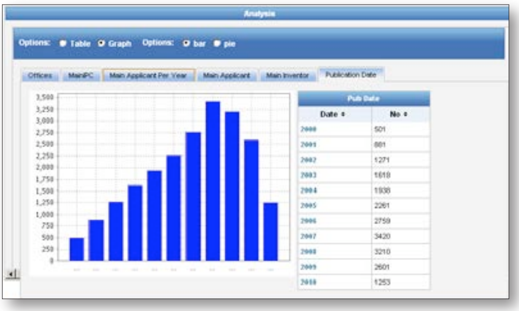
Pub Date

Date	No
2003	1206031
2004	1298116
2005	1378830
2006	1438215
2007	1483098
2008	1549950
2009	1575155
2010	1549033
2011	1587934
2012	1697715
2013	969254

A. Summary of the main OFFICES, MAIN IPC, MAIN APPLICANT, MAIN INVENTOR and PUBLICATION DATE.

B. Options for the display of search results:

1. TABLE (by default) or GRAPH:


Analysis
Options: ● Table ○ Graph Options: ○ bar ● pie
Offices
MainIPC
Main Applicant Per Year
Main Applicant
Main Inventor
Publication Date
3,500
3,250
3,000
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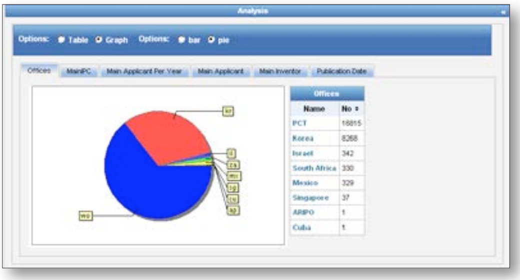
Pub Date

Date	No
2000	501
2001	881
2002	1271
2003	1618
2004	1938
2005	2261
2006	2759
2007	3420
2008	3210
2009	2601
2010	1253

The charts can be saved in GIF format for inclusion in documents or reports by right-clicking in a corner of the image and selecting "Copy image" or "Save image".

2. BAR (by default –as shown above) or PIE:

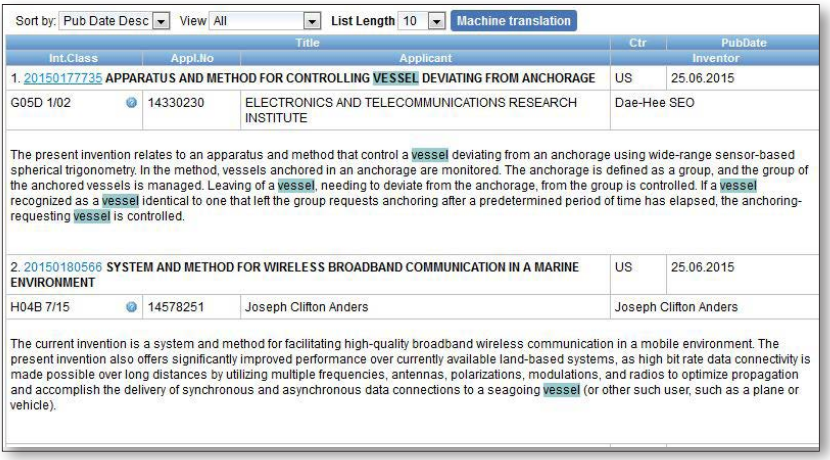

Analysis
Options: ● Table ○ Graph Options: ● bar ○ pie
Offices
MainIPC
Main Applicant Per Year
Main Applicant
Main Inventor
Publication Date
kr
il
za
mx
sg
cu
ap
wo

Offices

Name	No
PCT	18815
Korea	8268
Israel	342
South Africa	330
Mexico	329
Singapore	37
ARIPO	1
Cuba	1

In both bar and pie options, the tabs allow you to see the information graphically for the OFFICES, MAIN IPC, MAIN APPLICANT, MAIN INVENTOR and PUBLICATION DATE.

The last component of the search result list provides bibliographic data with search terms highlighted and allows accessing of detailed records by clicking on publication number and title.


Machine translation

Sort by: Pub Date Desc View All List Length 10

Int.Class	Appl.No	Title / Applicant	Ctr / Inventor	PubDate
1. 20150177735		APPARATUS AND METHOD FOR CONTROLLING VESSEL DEVIATING FROM ANCHORAGE	US	25.06.2015
G05D 1/02	14330230	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	Dae-Hee SEO	

The present invention relates to an apparatus and method that control a vessel deviating from an anchorage using wide-range sensor-based spherical trigonometry. In the method, vessels anchored in an anchorage are monitored. The anchorage is defined as a group, and the group of the anchored vessels is managed. Leaving of a vessel, needing to deviate from the anchorage, from the group is controlled. If a vessel recognized as a vessel identical to one that left the group requests anchoring after a predetermined period of time has elapsed, the anchoring-requesting vessel is controlled.

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H04B 7/15	14578251	Joseph Clifton Anders	Joseph Clifton Anders	

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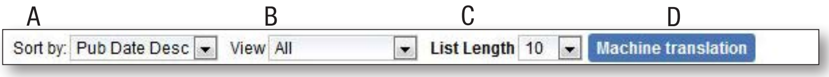
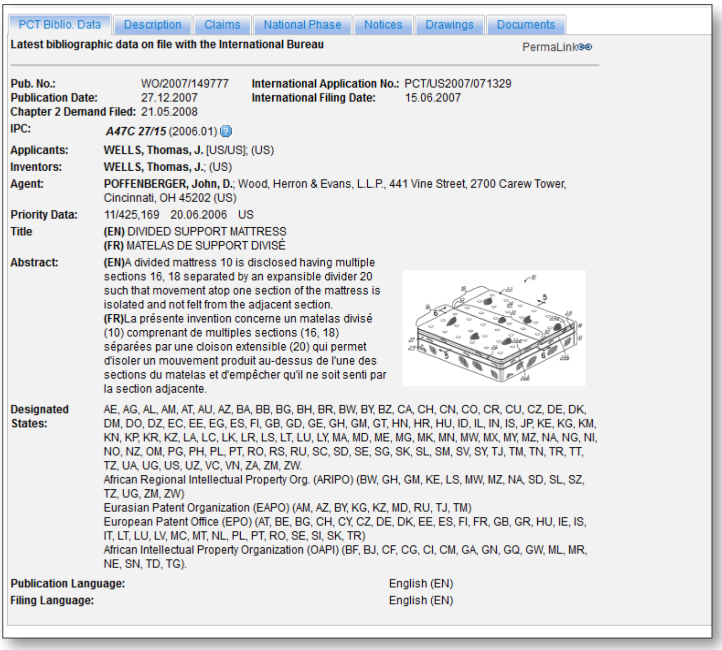
SEARCH RESULTS



A. The SORT BY option allows the user to sort the search results by: RELEVANCE, PUBLICATION DATE DESCENDING, PUBLICATION DATE ASCENDING, APPLICATION DATE ASCENDING or APPLICATION DATE DESCENDING:
B. The VIEW option allows you to select the components displayed in the result list. Images can be also made visible for example.
C. The LIST LENGTH option allows you to increase the number of displayed results per page (10 by default) to up to 200.
D. The MACHINE TRANSLATION button offers machine translation tools to translate the result list into any of the languages supported by those tools.

READING THE RESULT PAGE



Latest bibliographic data on file with the International Bureau

Pub. No.: WO/2007/149777 **International Application No.:** PCT/US2007/071329
Publication Date: 27.12.2007 **International Filing Date:** 15.06.2007
Chapter 2 Demand Filed: 21.05.2008

IPC: *A47C 27/15* (2006.01)

Applicants: **WELLS, Thomas, J.** [US/US]; (US)

Inventors: **WELLS, Thomas, J.**; (US)

Agent: **POFFENBERGER, John, D.**; Wood, Herron & Evans, L.L.P., 441 Vine Street, 2700 Carew Tower, Cincinnati, OH 45202 (US)

Priority Data: 11/425,169 20.06.2006 US

Title **(EN)** DIVIDED SUPPORT MATTRESS
(FR) MATELAS DE SUPPORT DIVISÉ

Abstract: **(EN)**A divided mattress 10 is disclosed having multiple sections 16, 18 separated by an expansible divider 20 such that movement atop one section of the mattress is isolated and not felt from the adjacent section.
(FR) La présente invention concerne un matelas divisé (10) comprenant de multiples sections (16, 18) séparées par une cloison extensible (20) qui permet d'isoler un mouvement produit au-dessus de l'une des sections du matelas et d'empêcher qu'il ne soit senti par la section adjacente.

Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)
Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)
European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR)
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publication Language: English (EN)
Filing Language: English (EN)

The tabs

- PCT Biblio. Data Refers generally to the various data appearing on the front page of a patent document or the corresponding applications and may comprise document identification data, domestic filing data, priority data, publication data, classification data, and other concise data relating to the technical content of the document.

- Description Clear and concise explanation of known existing technologies related to the new invention and explanation of how this invention could be applied to solve problems not addressed by the existing technologies; specific embodiments of the new technology are also usually given. Integrated machine translation tools allow translation of the document.

- **Claims** Legal definition of the subject matter which the applicant regards as his invention and for which protection is sought or granted; each claim is a single sentence in a legalistic form that defines an invention and its unique technical features; claims must be clear and concise and fully supported by the description. Integrated machine translation tools allow translation of the document.

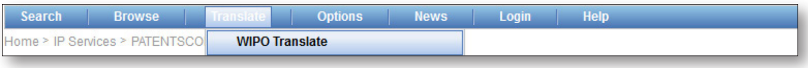
- **National Phase** Where information is displayed for an office, this indicates that the applicant has requested national phase processing for the application concerned in that office. The national entry date and national reference number are supplied by the national office concerned and can be used to retrieve further details from that office, if desired. A list of national patent offices supplying national phase information can be found here: *https://patentscope.wipo.int/search/en/nationalphase.jsf.*

- **Notices** Notifications of changes after publication

- **Drawings** Gives direct to the drawings of a patent document.

- **Documents** This service provides access to published PCT international applications and to the latest bibliographic data and documents contained in the files of PCT international applications. Due to changes in the PCT Regulations and to the availability of documents in electronic form, the information available is different depending on the date of filing of the international application. WIPO bears no responsibility for the content of PCT international applications and related documents. The bibliographic data and documents are updated daily and publication of new applications is updated weekly on publication day, i.e., Thursday, unless the International Bureau is closed for a public holiday in which case data is published on Friday.

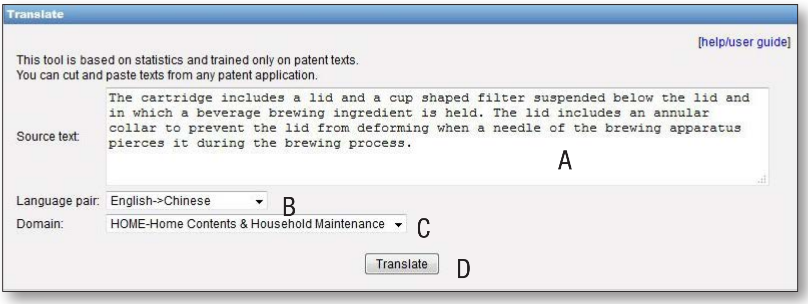
TRANSLATE



This translation tool is available for the translation of patent texts. The following language combinations are available:

English-Chinese
Chinese-English
English-French
French-English
English-German
German-English
English-Japanese
Japanese-English
English-Korean
Korean-English
English-Russian
Russian-English
English-Spanish
Spanish-English

It is based on statistical machine translation and was trained on patent documents translated by human translators.



This tool is based on statistics and trained only on patent texts.
You can cut and paste texts from any patent application.

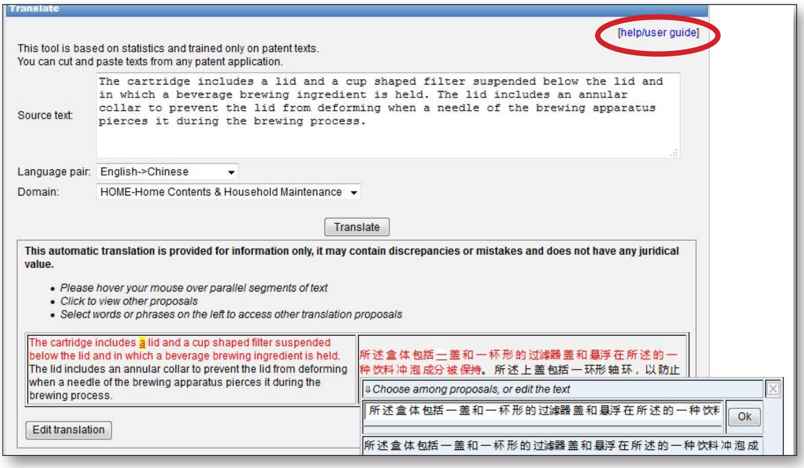
Source text: The cartridge includes a lid and a cup shaped filter suspended below the lid and in which a beverage brewing ingredient is held. The lid includes an annular collar to prevent the lid from deforming when a needle of the brewing apparatus pierces it during the brewing process.

Language pair: English->Chinese
Domain: HOME-Home Contents & Household Maintenance

To use this tool:

A. Enter your text in the SOURCE TEXT box;
B. Select the LANGUAGE PAIR. The system will automatically detect the language pair to be used if you do not select an option;
C. Select the DOMAIN. The system will automatically detect the domain if you do not select an option;
D. Click the TRANSLATE button.

The result will appear as shown below:



This tool is based on statistics and trained only on patent texts.
You can cut and paste texts from any patent application.

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Language pair: English->Chinese
Domain: HOME-Home Contents & Household Maintenance

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*

The cartridge includes a lid and a cup shaped filter suspended below the lid and in which a beverage brewing ingredient is held. The lid includes an annular collar to prevent the lid from deforming when a needle of the brewing apparatus pierces it during the brewing process.

所述盒体包括一盖和一杯形的过滤器盖和悬浮在所述的一种饮料冲泡成分被保持。所述上盖包括一环形轴环，以防止

⇓Choose among proposals, or edit the text

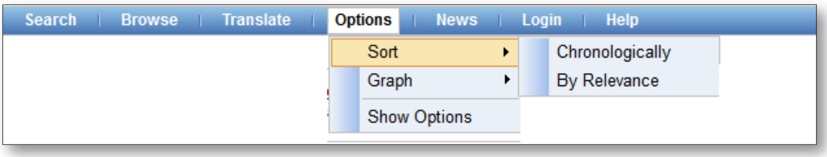
所述盒体包括一盖和一杯形的过滤器盖和悬浮在所述的一种饮

所述盒体包括一盖和一杯形的过滤器盖和悬浮在所述的一种饮料冲泡成

Follow the different steps indicated by the arrow in order to be provided with different translations.

For complete instructions, click on the link indicated by the red circle page 18. An interesting article illustrating the functioning of and giving some background and quality information on WIPO Translate is available here: *www.iprhelpdesk.eu/IPR_Helpdesk_Bulletin_issue_17?pk_campaign=Bulletin17&pk_kwd=Bulletin17*

OPTIONS


Search
Browse
Translate
Options
News
Login
Help
Sort
Graph
Show Options
Chronologically
By Relevance

SORT: define the way in which the search results are presented, either

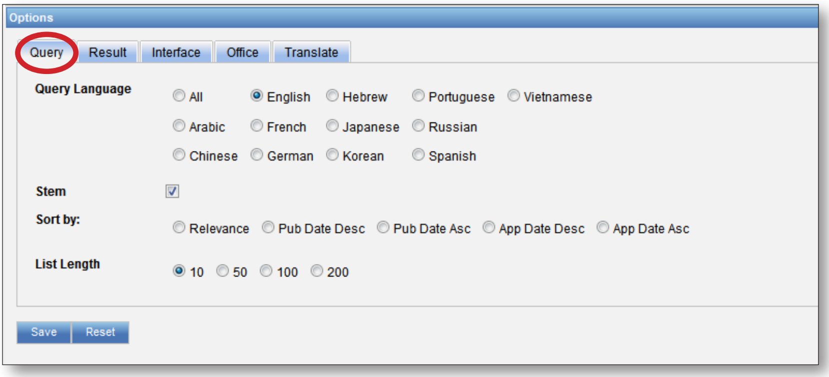
- chronogically or
- by relevance

GRAPH: presentation of the ANALYSIS table either in

- Table or a
- Graph

Show Options:

The QUERY tab: Define the defaults for query language, the stemming option, the sorting of the results and the number of results to be included in the list.


Options
Query
Result
Interface
Office
Translate
Save
Reset

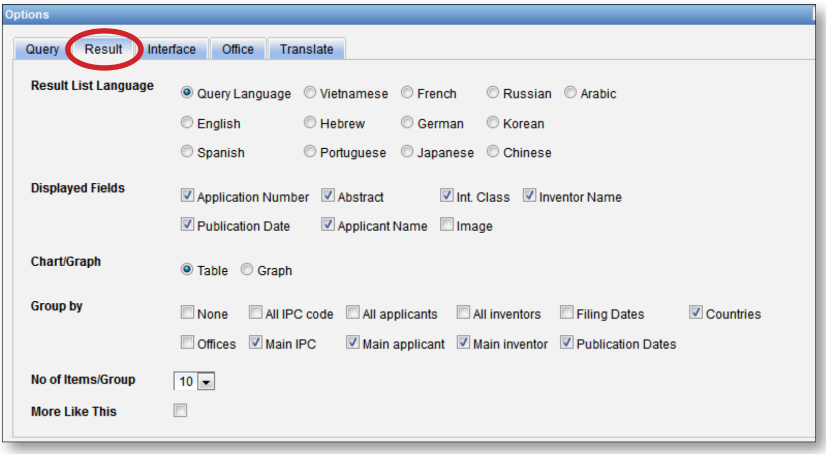
Query Language ○ All ● English ○ Hebrew ○ Portuguese ○ Vietnamese
○ Arabic ○ French ○ Japanese ○ Russian
○ Chinese ○ German ○ Korean ○ Spanish

Stem ☑

Sort by: ○ Relevance ○ Pub Date Desc ○ Pub Date Asc ○ App Date Desc ○ App Date Asc

List Length ● 10 ○ 50 ○ 100 ○ 200

The RESULT tab: Define the defaults for the language of the result list, the fields that will be displayed, the presentation of the results analysis, the groups to be included in the results analysis and the number of items in those groups.


Options
Query
Result
Interface
Office
Translate

Result List Language ● Query Language ○ Vietnamese ○ French ○ Russian ○ Arabic
○ English ○ Hebrew ○ German ○ Korean
○ Spanish ○ Portuguese ○ Japanese ○ Chinese

Displayed Fields ☑ Application Number ☑ Abstract ☑ Int. Class ☑ Inventor Name
☑ Publication Date ☑ Applicant Name ☐ Image

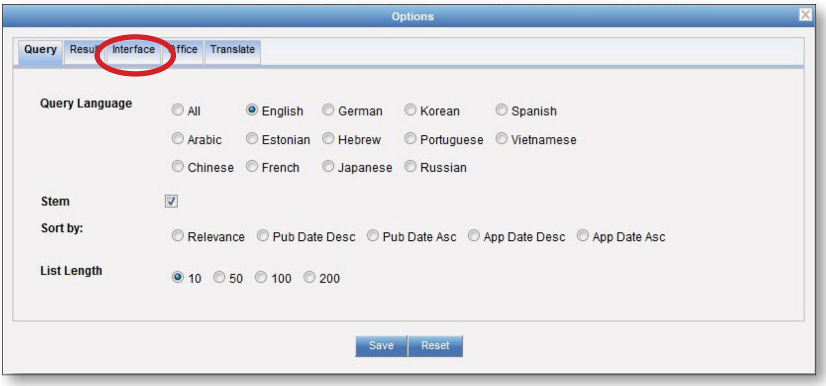
Chart/Graph ● Table ○ Graph

Group by ☐ None ☐ All IPC code ☐ All applicants ☐ All inventors ☐ Filing Dates ☑ Countries
☐ Offices ☑ Main IPC ☑ Main applicant ☑ Main inventor ☑ Publication Dates

No of Items/Group 10

More Like This ☐

The INTERFACE tab: Select the default search interface, search field, patent collections, interface language, and color of the interface (skin). You can also select whether to activate Tooltip Help and IPC Help through this tab.


Options
Query
Resul
Interface
ffice
Translate
Save
Reset

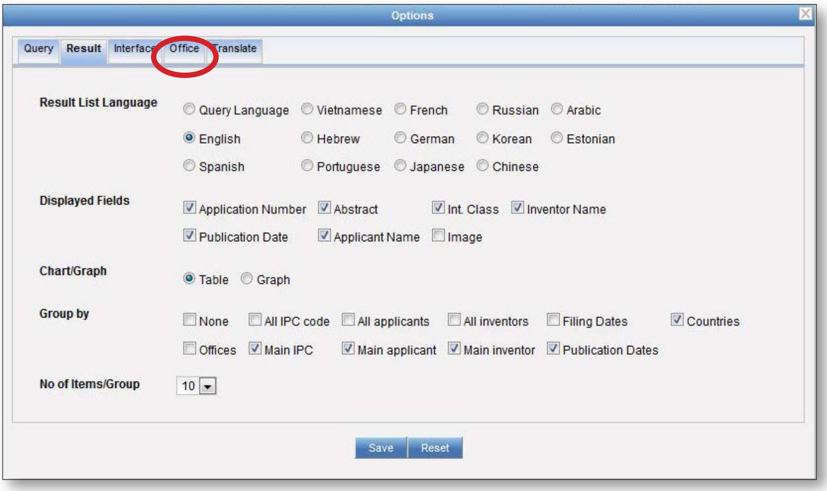
Query Language ○ All ● English ○ German ○ Korean ○ Spanish
○ Arabic ○ Estonian ○ Hebrew ○ Portuguese ○ Vietnamese
○ Chinese ○ French ○ Japanese ○ Russian

Stem ☑

Sort by: ○ Relevance ○ Pub Date Desc ○ Pub Date Asc ○ App Date Desc ○ App Date Asc

List Length ● 10 ○ 50 ○ 100 ○ 200

The OFFICE tab: Select the patent collection/s for your patent searches.


Options
Query
Result
Interface
Office
Translate
Save
Reset

Result List Language ○ Query Language ○ Vietnamese ○ French ○ Russian ○ Arabic
● English ○ Hebrew ○ German ○ Korean ○ Estonian
○ Spanish ○ Portuguese ○ Japanese ○ Chinese

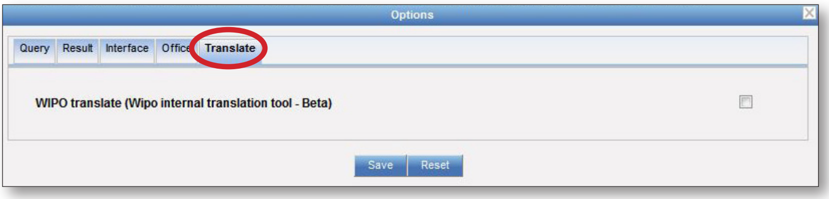
Displayed Fields ☑ Application Number ☑ Abstract ☑ Int. Class ☑ Inventor Name
☑ Publication Date ☑ Applicant Name ☐ Image

Chart/Graph ● Table ○ Graph

Group by ☐ None ☐ All IPC code ☐ All applicants ☐ All inventors ☐ Filing Dates ☑ Countries
☐ Offices ☑ Main IPC ☑ Main applicant ☑ Main inventor ☑ Publication Dates

No of Items/Group 10

The TRANSLATE tab: Activate WIPO translate for the translation of the result list and description and claims..

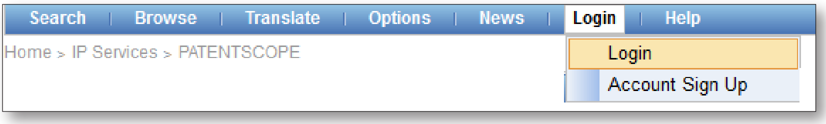

Options
Query
Result
Interface
Office
Translate
Save
Reset

WIPO translate (Wipo internal translation tool - Beta) ☐

News

The NEWS is a direct link to all the news items posted on the PATENTSCOPE homepage and related to the search system.

Login

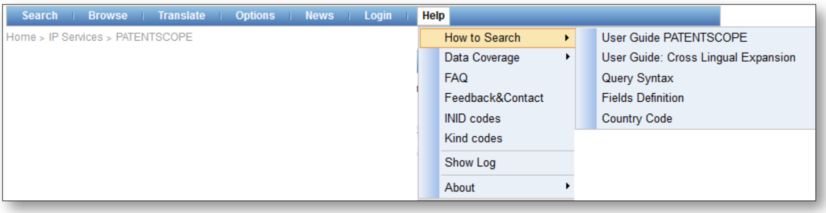

Search
Browse
Translate
Options
News
Login
Help
Home > IP Services > PATENTSCOPE
Login
Account Sign Up

Sign up to create your own PATENTSCOPE account. Users logged into their PATENTSCOPE accounts can:

- Save their preferred settings, such as the search interface by default, the length of the search result list, etc. ,
- Save their queries; and
- Download the result lists up to 10,000 records.

The PATENTSCOPE account is free of charge.

Help


Search
Browse
Translate
Options
News
Login
Help
Home > IP Services > PATENTSCOPE
How to Search
Data Coverage
FAQ
Feedback&Contact
INID codes
Kind codes
Show Log
About
User Guide PATENTSCOPE
User Guide: Cross Lingual Expansion
Query Syntax
Fields Definition
Country Code

In this menu, help as how to search is provided, as well as the data coverage, the FAQs, the forum and the log for the queries in your session.

ANNEX

SEARCH SYNTAX

The search syntax allows you to search for specific information in the Advanced Search. A query is a logical sentence that consists of elements joined by special symbols called operators used to define the relationship between words or groups of words.

An “element” can be:

- a single term (“engine”);
- a phrase (a group of words surrounded by quotes to search for multiple words in exact order: “magnetic cup”); or
- several of these grouped together with parentheses.

List of operators supported in the PATENTSCOPE search service:

Operators	Example	Explanation
BOOLEAN		always use in capital
AND	train AND plane	Returns all documents that contain **both** the first term **and** the second term.
OR	train OR plane	Returns all documents that contain **either** the first term **or** the second term **or both**.
NOT	train NOT plane	Returns all documents that contain the first term **and not** the term following NOT.
ANDNOT	train ANDNOT plane	Returns all documents that contain the first term **and not** the term following NOT.
WILDCARD		
?	te?t	Returns all documents that contain test or text. Wildcard search uses ? to search terms with one single character replaced.
*	electr*	Returns all documents that contain electric, electrics, electrical, electricity.
	elec*try	Returns all documents that contain electric, electrics, electrical, electricity. Returns all documents that contain electricity. Wildcard search uses * to search terms with 0 or more characters replaces either in the middle of the term or at the end of the term (* as the 1st character of the term is not supported).
OTHERS		
^	power^10 nuclear	Returns all documents in which “power” is considered to be more relevant than “nuclear”. Boosting assigns importance values to individual query terms.
+/-	+electric-power	Returns all documents that contain electric and that do not contain power Filtered searching allows to require (+) a query term and to prohibit (-) one.
~	roo~	Fuzzy search returns all documents that contain room, rood, rook, etc.

( )	(spaghetti OR plate) AND fork	Returns all documents that contain spaghetti or plate and fork. Grouping is used to group clauses to form sub-queries.
~/NEAR	"heart monitoring" ~ 10 Heart NEAR monitoring	Proximity search allows specifying a distance monitoring between words. In the example with tilde "heart" and "monitoring" are separated by 10 other words; NEAR separates words by 5 words by default
[ ]	[01.01.2000 TO 01.01.2001]	Returns all documents that contain dates between 01.01.2000 and 01.01.2001. Range search uses [ ] to include the bounds.
{ }	{ Smith TO Townsend}	Returns all documents that contain names between Smith and Townsend, but not including Smith and Townsend. Range search uses { } to exclude the bounds.

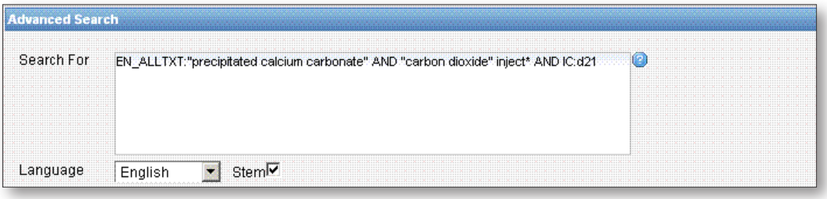
FIELD CODES

Field codes are used in the Advanced Search interface to limit your search to specific fields. For example:

To search for documents that contain the terms “precipitated calcium carbonate”, “carbon dioxide”, and variants of the word inject (using a wildcard operator) in any English text and belong to the fields of technology of papermaking or cellulose production, as represented by the IPC subclass D21, you can use the query:

```
EN_ALLTXT:(“precipitated calcium carbonate” AND “carbon dioxide” AND
inject*) AND IC:D21
```

The EN_ALLTXT field code represents a combination of the English title, abstract, description, and claims fields, while the IC field code represents the International Patent Classification field. You should use parentheses (brackets) to enclose all search terms for a given field. And make sure not to put any spaces between the field code and the brackets!



Search For: EN_ALLTXT:"precipitated calcium carbonate" AND "carbon dioxide" inject* AND IC:d21

Language: English ▾ Stem ☑

List of field codes supported in the PATENTSCOPE search service

For queries related to **APPLICANTS**:

Fields	Codes	Examples
All data	PAA	PAA: John US California
Address	AAD	AAD: Paix
Country	AADC	AADC: IT
"Main Applicant" name	PAF	PAF: "smith, john"
Name	PA	PA: smith
Nationality	ANA	ANA: CN
Residence	ARE	ARE: KR

For queries related to **DATES/RANGE**:

Fields	Codes	Examples
Application	AD	AD:[01.01.2001 TO 01.01.2005]
National phase entry number	NPAN	NPAN: CA-2*
National phase entry date	NPED	NPED:US-200012*
National phase entry type	NPET	NPET:US E
Priority	PD	PD:[01.04.2033 TO 11.11.2007]
Publication	DP	DP:[15.05.2005 TO 15.15.2008]

For queries related to **INTERNATIONAL CLASSIFICATIONS:**

Fields	Codes	Examples
IPC with subgroups	IC	IC: “F15D 1/00” results include F15D 1/02, F15D 1/04
IPC exact value	IC_EX	IC: “F15D 1/00” results include only F15D 1/00
IPC Inventive	ICI	ICI: “F15D 1/00” results include F15D 1/02, F15D 1/04
IPC Inventive exact value	ICI_EX	ICI: “F15D 1/00” results include only F15D 1/00
IPC inventive with subgroups	ICIS	ICIS: “F15D 1/00” results include F15D 1/02, F15D 1/04
IPC Non-Inventive	ICN	ICN: “F15D 1/00” results include F15D 1/02, F15D 1/04
IPC Non-Inventive exact value	ICN_EX	ICN_EX: “F15D 1/00” results include only F15D 1/00
IPC Non-Inventive with subgroups	ICNS	ICNS: “F15D 1/00” results include F15D 1/02, F15D 1/04

Note: The empty space can be replace with either ‘-’ or no space at all, therefore the following are equivalent: IC:”F15D 1/00” IC:F15D1/00 IC:F15D-1/00

For queries related to **INVENTORS:**

Fields	Codes	Examples
All data	INA	INA:paul, london UK
Address	IAD	IAD:Seattle
Country	IADC	IADC:DE
“Main inventor” name	INF	INF:“hamilton, Janice”
Name	IN	IN:john

For queries related to **LEGAL REPRESENTATIVES:**

Fields	Codes	Examples
All data	RPA	RPA: (gearge, new port)
Address	RAD	RAD: (colombettes)
Country	RCN	RCN: KR
“Main Legal Rep” Name	RPF	RPF: (Jons)

For queries related to **LANGUAGES:**

Fields	Codes	Examples
All data	EN_ALL	EN_ALL: pot
Abstract	EN_AB	EN_AB:"electric car"
Claims	EN_CL	EN_CL: needle
Description	EN_DE	EN_DE: syyringe
Text	EN_ALLTXT	EN_ALLTXT:"waterproof cannula"
Title	EN_TI	EN_TI:"flexible tube"
Filing	LGF	LGF: JA
Publication	LGP	LGP: EN

The table shows examples for ENGLISH, for other languages, please replace EN by:
FR for French
DE for German
ES for Spanish
JA for Japanese
RU for Russian
VN for Vietnamese

For queries related to **NAMES:**

Fields	Codes	Examples
All data	ALLNAMES	ALLNAMES:smith
Applicant	PA	PA:smith
Inventor	IN	IN:smith
“Main Applicant	PAF	PAF:“smith, john”
“Main Inventor”	INF	INF:“hamilton, janice”
“Main Legal Rep”	RPF	RPF:jones

ANNEX

For queries related to **NUMBERS:**

Fields	Codes	Examples
All data	ALLNUM	ALLNUM: 198808383
Application	AN	AN:IB2013888
National phase number	NPAN	NPAN: CA-2*
National Publication	PN	PN: 2005
Prior PCT Application	PRIORPCTAN	PRIORPCTAN:US2003
Prior PCT Publication	PRIORPCTWO	PRIORPCTWO:2003
Priority	NP	NP:2003*
WIPO Publication	WO	WO:YY/NN*;YY/NN; YYYY/NN*; YYYY/NNNN

Numbers are flexible: examples can be found on the *Simple Search* interface

For queries related to **NATIONAL PHASE:**

Fields	Codes	Examples
National Phase All Data	NPA	NPA: US2002
National Phase Application Number	NPAN	NPAN: CA-2*
National Phase Entry Date	NPED	NPED:US-200012*
National Phase Entry Type	NPET	NPET: (US-E*)
National Phase Office Code	NPCC	NPCC: JP

For queries related to **OFFICES/COUNTRIES:**

Fields	Codes	Examples
Designated state	DS	DS:US
Office	OF	OF:JP
Office code	OF	OF:WO
Country	CTR	CTR:CU

For queries related to **PRIORITY:**

Fields	Codes	Examples
All data	PI	PI:2005 KR
Country	PCN	PCN:ZA
Date	PD	PD: [01.04.2003 TO 11.11.2007]
Number	NP	NP: [01.04.2003 TO 11.11.2007]

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