



PATENTSCOPE

Search

The User's Guide



<http://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: <http://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.

Note: Screenshots in this guide reflect what the interface was like in fall 2013; a few significant changes took place during the writing of this guide.

INTRODUCTION

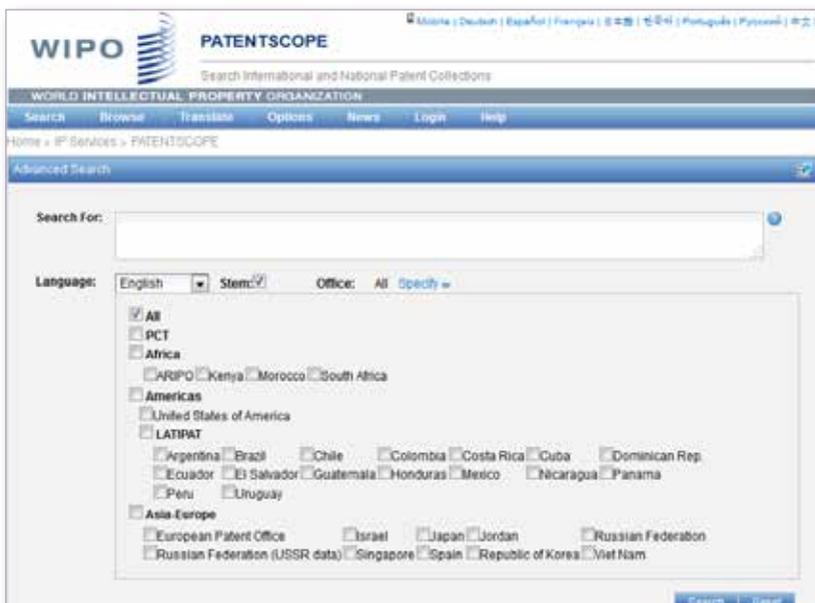
WHAT IS THE DATA COVERAGE?

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
- Brazil
- Chile
- Colombia
- Costa Rica
- Cuba
- Dominican Republic
- Ecuador
- El Salvador
- EPO (European Patent Office)
- Guatemala
- Honduras
- Israel
- Japan
- Jordan
- Kenya
- LATIPAT
- Mexico
- Morocco
- Nicaragua
- Panama
- Peru
- Republic of Korea
- Russian Federation
- Russian Federation (USSR data)
- Singapore
- South Africa
- Spain
- Uruguay
- USA
- Vietnam

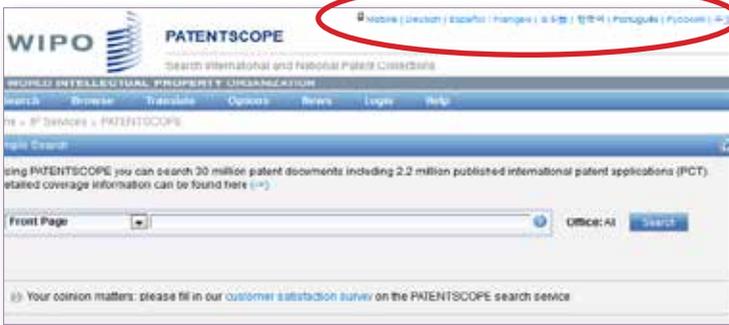
Please check our website, as we add new collections on a regular basis. The collections available are listed in the [ADVANCED SEARCH](#) page, click on [SPECIFY](#) next to [OFFICES](#) .



For the most up-to-date information on data coverage, please go to the [HELP](#) menu, [DATA COVERAGE](#) at: http://patentscope.wipo.int/search/en/help/data_coverage.jsf

SEARCH INTERFACE

Different languages and a mobile application



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: <http://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.



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 here 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:

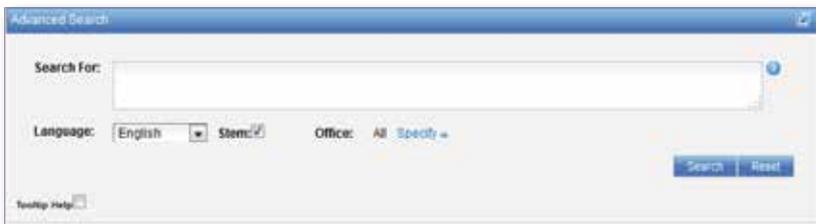
1. Select one of the 8 available search fields from the drop-down menu;
2. If you've selected the full text field, also select the correct language;
3. Enter your search terms into the selected field;
4. Select the collection/s you are interested in; and
5. Click the **SEARCH** button



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.



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: <http://patentscope.wipo.int/search/en/help/querySyntaxHelp.jsf>

SEARCH INTERFACE

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:

<http://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 before 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.

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.



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:

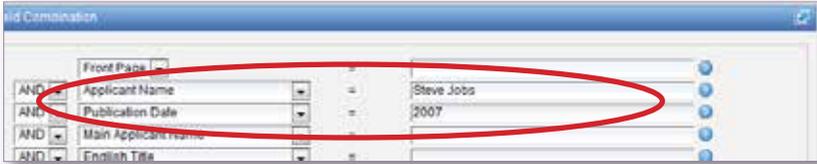
- a date and an inventor
- an inventor and a company,
- etc.

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

SEARCH INTERFACE

Here are a few examples:

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



The screenshot shows a 'Field Combination' window with a table of search criteria. The first row is circled in red and contains: 'AND' in a dropdown, 'Applicant Name' in a dropdown, '=', 'Steve Jobs' in a text box, and a blue button. The second row contains: 'AND' in a dropdown, 'Publication Date' in a dropdown, '=', '2007' in a text box, and a blue button. Below this are two more rows with 'AND' dropdowns and empty text boxes.

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).



The screenshot shows a 'Field Combination' window with a table of search criteria. The third row is circled in red and contains: 'AND' in a dropdown, 'English Description' in a dropdown, '=', 'microchip' in a text box, and a blue button. The fourth row contains: 'AND' in a dropdown, 'Licensing availability' in a dropdown, '=', a checked checkbox, and a blue button. Below this are two more rows with 'AND' dropdowns and empty text boxes.

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**.



The screenshot shows a 'Field Combination' window with a table of search criteria. The fourth row is circled in red and contains: 'AND' in a dropdown, 'IPC' in a dropdown, '=', 'Is Empty' in a dropdown, and radio buttons for 'N/A', 'Yes', and 'No'. The 'Yes' radio button is selected.

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: 11 languages are available
5. Select the collection/s you are interested in

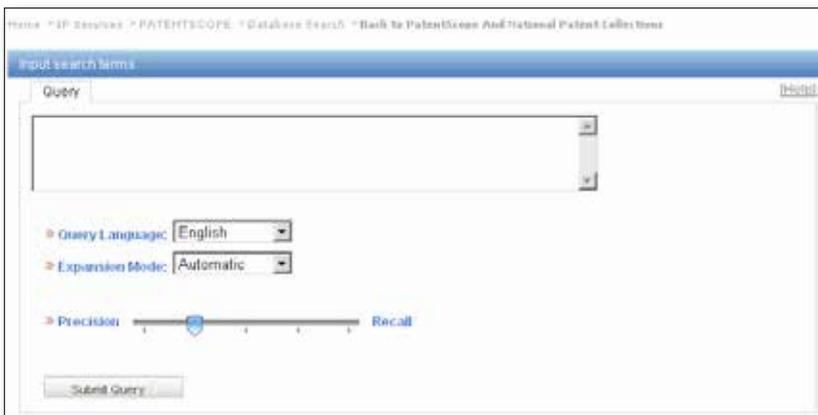
SEARCH INTERFACE

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.



The screenshot shows a web-based search interface. At the top, there is a breadcrumb trail: Home > IP Resources > PATENTSCOPE > Database Search > Back to PatentScreen And National Patent Collections. Below this is a blue header bar with the text "Input search terms:". The main search area contains a "Query" input field with a "History" link to its right. Below the input field are two dropdown menus: "Query Language:" set to "English" and "Expansion Mode:" set to "Automatic". Below these is a "Precision" slider ranging from 0 to 100, with a blue marker at approximately 30% and the word "Recall" at the 100% end. At the bottom of the search area is a "Submit Query" button.

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

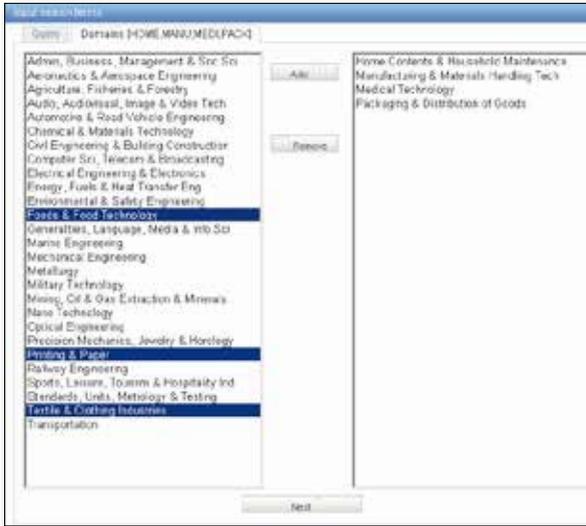
Recall is defined as the number of relevant documents retrieved as fraction of all relevant documents. Recall is a measure of completeness.

5. Click on **NEXT** (if you're using the supervised expansion mode) or **SUBMIT QUERY** (if you're using the automatic expansion mode).

SEARCH INTERFACE

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.



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.



SEARCH INTERFACE

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

The screenshot shows a search interface with a search bar containing the query "disposable" OR "single use". Below the search bar, there are several options to refine the search:

- Fields you want to search:** A dropdown menu set to "Abstract".
- Acceptable distance between matched words:** A dropdown menu set to "Sentence".
- Stemming:** A checkbox that is checked.

At the bottom of the interface, there are two buttons: "Submit Query" and "Start Over".

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.

The screenshot shows a table of PCT applications for the week 23/2013(2013-06-06). The table has the following columns: Title, Kind, Appl No, IPC, and Applicant.

Title	Kind	Appl No	IPC	Applicant
1. (WO)2013/080267 RAILWAY VEHICLE	Initial Publication with IS(A1)	JP2011/077892	B61D 17/06	HYPOON SHARYO, LTD.
2. (WO)2013/082536 SYSTEMS AND METHODS FOR AUTHENTICATING OBJECTS USING IR	Initial Publication with IS(A1)	US2012/067459	G06K 9/58	WASA PUR, 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(A2)	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 IS(A1)	RU2012/000953	B01D 45/12	ABAYEV, Alexandr Dzhalitovich
5. (WO)2013/080149 SYSTEMS AND METHOD FOR GRAPH-BASED DISTRIBUTED PARAMETER COORDINATION IN A COMMUNICATION NETWORK	Initial Publication with IS(A1)	SE2012/056810	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 IS(A1)	SE2012/056809	G06K 9/00	BIOHERIEX, INC.
7. (WO)2013/079531 METROLOGICAL APPARATUS AND A METHOD OF DETERMINING A SURFACE CHARACTERISTIC OR CHARACTERISTICS	Initial Publication with IS(A1)	GB2012/052935	G01B 9/02	TAYLOR HOBSON LIMITED
8. (WO)2013/081214 SYSTEM, APPARATUS AND METHOD FOR PROVIDING MULTIMEDIA ARBITRARY MESSAGE BASED ON 3D SMART CHARACTER USED IN MOBILE DEVICE	Initial Publication with IS(A1)	KR2011/009248	G06Q 30/00	OCTO TREE PTE. LTD.

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

SEARCH INTERFACE

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/patlist/seq_pct_sequences/publication/

Year: Publication Week:

Publication Date:

WO Number	Compressed Size	Download	Applicant
WO13079511	6 KBs	SL1.zip	GARAN INSTITUTE OF MEDICAL RESEARCH
WO13078767	113 KBs	SL1.zip	CHENGDU KANGHONG BIOLOGICAL SCIENCE & TECHNOLOGY CO. LTD.
WO13078795	3 KBs	SL1.zip	ZHEJIANG UNIVERSITY
WO13079015	5 KBs	SL1.zip	NOVOZYMES, INC.
WO13079174	411 KBs	SL1.zip	MERCK PATENT GMBH
WO13079188	3712 KBs	SL1.zip	IPSOGEN
WO13079207	580 KBs	SL1.zip	KENTA BIOTECH AG
WO13079307	0 KBs	SL1.zip	ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG
WO13079309	3 KBs	SL1.zip	FUNDACIÓ PRIVADA INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS
WO13079456	1 KBs	SL1.zip	INSTITUT CURIE
WO13079511	2 KBs	SL1.zip	NOVOZYMES AIS
WO13079533	2 KBs	SL1.zip	NOVOZYMES AIS
WO13079570	1 KBs	SL1.zip	IMBA - INSTITUT FÜR MOLEKULARE BIOTECHNOLOGIE GMBH
WO13079701	1 KBs	SL1.zip	UNIVERSITY OF BREMEN
WO13079721	5 KBs	SL1.zip	BERGEN TEKNOLOGIØVERFØRING AS
WO13079796	8950 KBs	SL1.zip	HELSINGIN YLIOPISTO
WO13079828	2 KBs	SL1.zip	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -
WO13079824	2 KBs	SL1.zip	THE UNIVERSITY OF SHEFFIELD
WO13079963	4 KBs	SL1.zip	KYMAI LIMITED
WO13079970	12 KBs	SL1.zip	UNIVERSITY OF SHEFFIELD
WO13079984	401 KBs	SL1.zip	DELTA INFORMATIKA KÉREKEDÉLMÉIS SZOLGÁLTATÓ ZÁRTKÖRŰEN MŰKÖDŐ RÉSZVÉNYTÁRSASÁG
WO13079992	0 KBs	SL1.zip	COMPAGNIE GERVAIS DANONE
WO13080045	291 KBs	SL1.zip	ANGLO NETHERLANDS GRAIN B.V.
WO13080050	2 KBs	SL1.zip	UNIVERSITÄT DUISBURG ESSEN

SEARCH RESULTS

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:

The first component of this window:

Results 1-10 of 28,900,817 for Criteria: Office:All Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 2890082 Go

Refine Search Search RSS

Analysis

Sort by: Pub Date Desc View: All List Length: 10

No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1	WO/2013/08881	NON-CONTACT POWER SUPPLY DEVICE	06.06.2013	B60L 11	PCT/JP2012/088207	KABUSHIKI KAISHA TOYOTA JIDOSHO KK	YAMAMOTO, Yukihito
<p>A non-contact power supply device is provided with a power reception apparatus (21) provided to a moving body (20), and a power supply apparatus (10) for transferring power in a non-contacting manner to the power reception apparatus (21) while the moving body (20) is stationary. The alignment of a first resonator (11) and a second resonator (22) is adjusted during the non-contact power transfer such that power is transferred at a maximum efficiency at a position in which the first resonator (11) is offset by a pre-set distance from a state in which the first resonator (11) is the closest to the second resonator (22). The non-contact power supply device is provided with a moving unit (13) capable of moving the first resonator (11) or the second resonator (22) during the non-contact power transfer to a position in which power can be transferred at the maximum efficiency depending on the stopped position of the moving body (20) by using a one-axis driving mechanism.</p>							
2	WO/2013/08905	AUTOMOBILE	06.06.2013	B62D 1	PCT/JP2012/089432	NTN CORPORATION	MAKINO, Tomoaki
<p>Provided is an automobile exhibiting excellent driving operability by a driver with respect to traveling such as rotating on the spot and movement in the lateral direction. The present invention applies to an automobile equipped with wheels (1, 2) having at least 3 wheel members, wherein steering mechanisms (4), each capable of steering independently, are provided to the wheels (1, 2), independent travel driving mechanisms (5) are provided to the wheels (1, 2), and the travel of the automobile is driven by the travel driving mechanisms (5). The travel driving mechanisms (5) configure an in-wheel motor drive device. The automobile is also provided with joysticks (3) which operate the steering mechanisms (4), and which operate the driving of the travel driving mechanisms (5). FIG. 1: AA Front 88 view</p>							
3	WO/2013/09020	PHOTO SCAN DEVICE AND SCANNING MICROSCOPE DEVICE	06.06.2013	G02B 36	PCT/JP2012/090510	OLYMPUS CORPORATION	TAKAHASHI, Shintaro
<p>An objective of the present invention is to increase scanning speed without reducing light usage efficiency. Provided is a photo scan device (10), comprising: a deflection element (1) which is capable of switching and deflecting a beam which has entered therein in a plurality of directions at a prescribed switch timing, a</p>							

The first component of this window

Results 1-10 of 28,900,817 for Criteria: Office:All Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 2890082 Go

Refine Search Search RSS

A B C D

- 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:

Analysis

Options Table Graph Options bar pie

Countries		Main IPC		Main Applicant		Main Inventor		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
United States	10268749	G06F	1763022	SAMSUNG ELECTRONICS CO., LTD	160996	Kraschenko Oleg Ivanovich (RU)	13275	2003	1206021
Japan	7613468	A61K	1617481			UJIGAWA SHOHACHI	5577	2004	1296198
China	3079993	H01L	1527527	MATSUSHITA ELECTRIC IND CO LTD	148930	Ghu Zeyou	5059	2005	1376830
European Patent Office	2614039	H04N	1000540	CANON INC	123956	Kraschenko Oleg Ivanovich (RU)	4878	2006	1438215
PCT	3310696	H04L	800721	LG ELECTRONICS INC	106216	Kraschenko Oleg Ivanovich (RU)	4878	2007	1403390
Republic of Korea	1739058	A61P	790493	SONY CORP	103622	ICHIHARA TAKAOKO	3915	2008	1549950
Russian Federation (USSR data)	1405496	G07D	752446	TOSHIBA CORP	101429	Mao Yumen	3008	2009	1575155
Spain	1396710	G02B	500933	HTACHI LTD	89622	Silverbrook Kia	3064	2010	1549033
Russian Federation	877466	A61B	576348	SEIKO EPSON CORP	86358	Yamazaki Shunpei	3013	2011	1507304
				International Business Machines Corporation	80266			2012	1687715
								2013	969204

SEARCH RESULTS

- 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:



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



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 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”.

No.	Ctr.	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	EP	2556778 - Machine de cuisine pouvant être actionnée par un écran conçu comme un écran tactile	13.02.2013	A47J 43/07	12177264	VORWERK CO INTERHOLDING	SCHOMACHER JUTTA
<p>Die Erfindung betrifft ein, über ein als Touchscreen ausgebildetes Display (11) zu betätigende Küchenmaschine (1). Um eine Küchenmaschine der in Reihe stehenden Art insbesondere hinsichtlich einer verbesserten Handhabung in vorteilhafter Weise weiterzubilden, wird eine, mit einer nach einem Erfinden der Küchenmaschine (1) erscheinenden ersten Displayanzeige mit zwei oder mehr unterschiedlichen Anzegebereichen (19 bis 21) vorgeschlagen, wobei jeder Anzegebereich (19 bis 21) eine gesonderte Stellgröße wiedergibt und jede diesem Anzegebereich (19 bis 21) zugeordnete Stellgröße nur durch einen außerhalb des Displays (11) angeordneten, mechanisch zu betätigenden Schalter einstellbar ist, wobei die Küchenmaschine (1) ein Rührgefäß (4) aufweist und in dem Rührgefäß (4) ein Rührwerk (5) vorgesehen ist und bevorzugt das Rührgefäß (4) insbesondere bodenseitig aufheizbar ist, wobei weiter ein Betrieb der Küchenmaschine (1) bezogen auf eine kombinierte Heiz- und Rührfunktion nur möglich ist, wenn die Stellgrößen Rührwerk Drehzahl, Heizleistung und Zeitdauer vorgewählt sind, wobei aber auch ohne eine gewählte Stellgröße das Display (11) als Touchscreen zum Aufrufen und/oder Ablaufen von Programmen nutzbar ist.</p>							
2.	WO	WO/2012/138108 - METHOD AND APPARATUS FOR FLICKER REDUCTION AND CONTRAST ENHANCEMENT IN 3D DISPLAYS	11.10.2012	H04N 13	PCT/US2012/032756	DOLBY LABORATORIES LICENSING CORPORATION	ATKINS, Robin
<p>A 3D projector system includes a locally modulated polarizer mounted in front of a projector. The polarizer is controllable to produce different polarization states for local regions of the projector images. Combinations of polarizer states and projector images can be used to produce left and right images which have reduced intensity differences between subsequent frames. This may reduce flickering and viewer eye fatigue. This may also reduce unwanted crosstalk between left and right eye viewpoints and increase image contrast and dynamic range.</p>							
3.	WO	WO/2012/094656 - SYSTEMS AND METHODS TO PRESENT MULTIPLE FRAMES ON A TOUCH SCREEN	12.07.2012	G06F 3	PCT/US2012/020575	QUALCOMM INCORPORATED	KARM, Vire
<p>A method of presenting multiple frames on a touch screen is disclosed. In a particular embodiment, the method includes detecting multiple touch locations on a touch screen of an electronic device for at least an activation time. The method also includes splitting a display area of the touch screen into a first frame and a second frame based on the multiple touch locations.</p>							
4.	US	201100332583 - Database access system	30.12.2015	G06F 7/00	12951751	Aberis Anemometer LLC	Szabo Andrew J.
<p>An improved human user computer interface system, wherein a user characteristic or set of characteristics, such as demographic profile or societal "role", is employed to define a scope or domain of operation. The operation itself may be a database search, to interactively define a taxonomic context for the operation, a</p>							

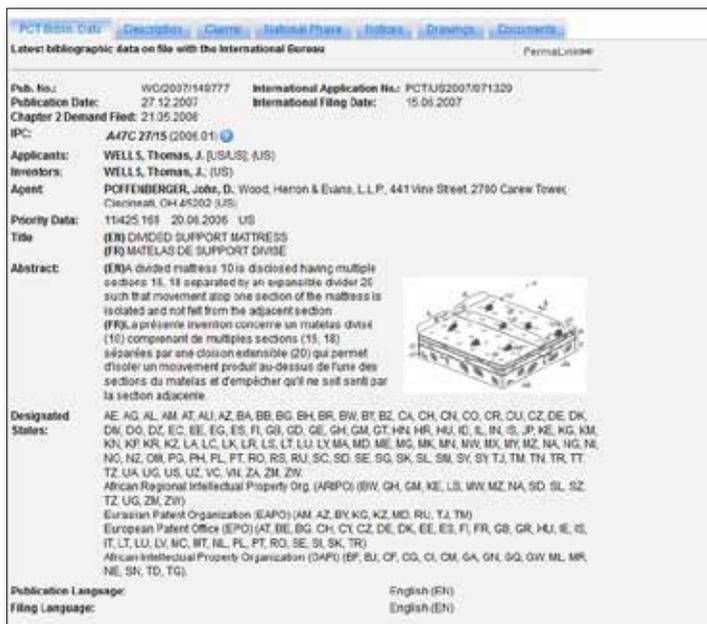
The above provides bibliographic data with search terms highlighted and allows accessing of detailed records by clicking on publication number and title.

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 **SHOW TRANSLATION TOOL** box will be available only if the search results are not in the interface language. For example, this option is not active if you are using the interface in English and all the results are in English. If the interface is in Spanish and the search results include documents in English, the option will be available. Ticking the box will launch Google Translate for title and abstract. The translation tool provided by Google is also available for the description and claims (see the explanation of the **DESCRIPTION** and **CLAIMS** tabs in the next section Reading the result page)

READING THE RESULT PAGE



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 Google Translate tool allows translation of the document*.

* Translation is limited to the first 15,000 characters.

SEARCH RESULTS

- [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 Google Translate tool allows 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: www.wipo.int/pctdb/en/nationalphase.jsp.
- [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.

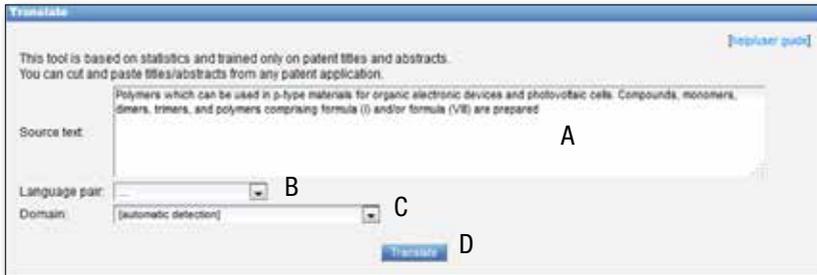
MENUS

TRANSLATE



This translation tool is available for the translation of titles and abstracts of invention from Chinese into English, German into English, Japanese into English and French into English and vice versa.

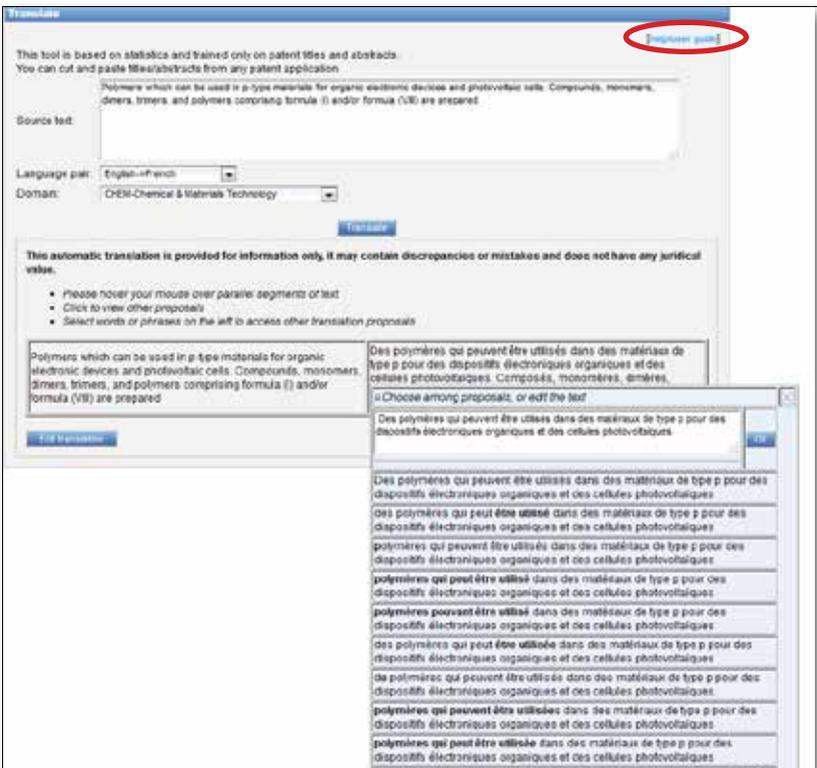
It is based on statistical machine translation and was trained on patent titles and abstracts translated by human translators.



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:



MENUS

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 above.

OPTIONS



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

- chronologically or
- by relevance

GRAPH: presentation of the Analysis table either in

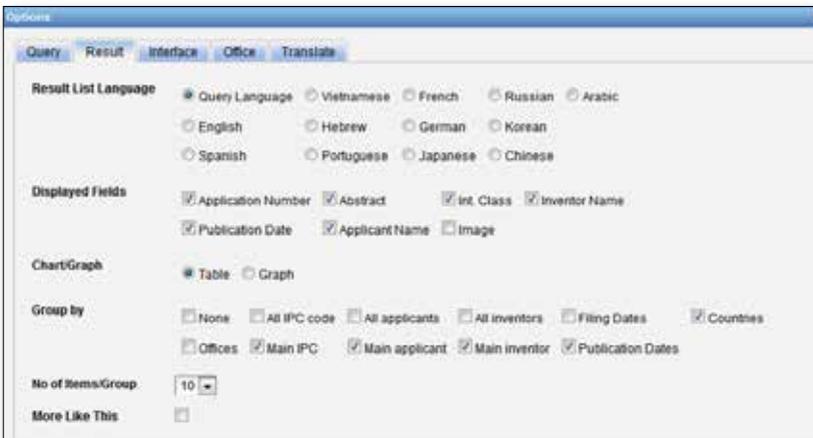
- Table or a
- Graph

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.

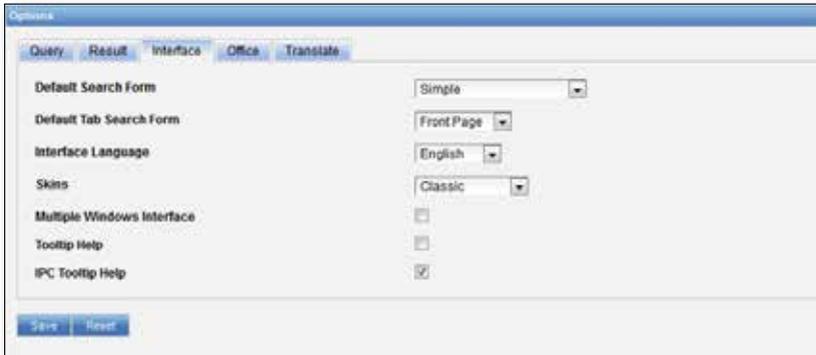


The **RESULT** tab: Define the defaults for the language of the result list, the fields that will be displayed, the presentation of the results analysis, the groups to be included in the results analysis and the number of items in those groups.



MENUS

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.



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



The **TRANSLATE** tab: Determine whether to activate Google Translate and/or Microsoft Translate for the translation of description and claims.



MENUS

NEWS MENU

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

LOGIN MENU

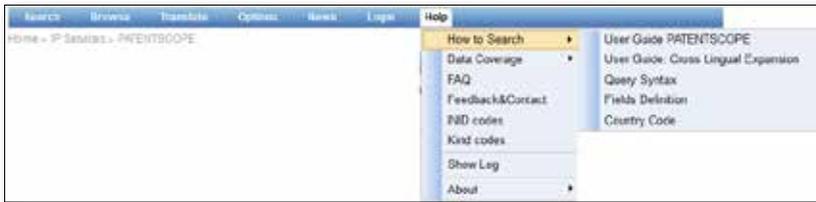


Sign up to create your own PATENTSCOPE account. Users logged into their PATENTSCOPE accounts can:

- 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 100 records.

The PATENTSCOPE account is free of charge.

HELP MENU



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.

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. <u>Wildcard search</u> uses ? to search terms with one single character replaced.
*	electr*	Returns all documents that contain electric, electric s , electrical, electric ity .
	elec*try	Returns all documents that contain electric, electric s , electrical, electric ity . Returns all documents that contain electricity. <u>Wildcard search</u> 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 1 st 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”. <u>Boosting</u> assigns importance values to individual query terms.
+/-	+electric-power	Returns all documents that contain electric and that do not contain power <u>Filtered searching</u> allows to require (+) a query term and to prohibit (-) one.
~	roo~	<u>Fuzzy search</u> returns all documents that contain room, rood, rook, etc.

()	(spaghetti OR plate) AND fork	Returns all documents that contain spaghetti or plate and fork. <u>Grouping</u> is used to group clauses to form sub-queries.
~/NEAR	“heart monitoring” ~ 10 Heart NEAR monitoring	<u>Proximity search</u> 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.

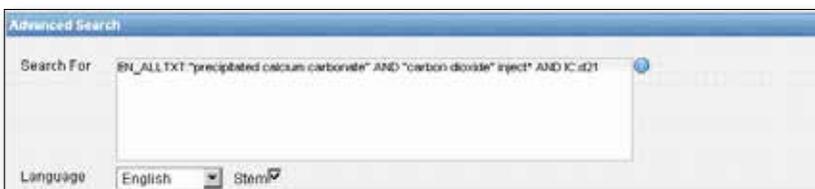
FIELD CODES

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!



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
All data	IC	IC: A07 or "G01N 33"
Inventive	ICI	ICI: G08
N-Inventive	ICN	ICN: "G06K 21/00"
Main	ICF	ICF: "G06K 21/00" "

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:**

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

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: syringe
Text	EN_ALLTXT	EN_ALLTXT:"waterproof cannula"
Title	EN_TI	EN_TI:"flexible tube"
Filing	LGF	LGF: JA
Publication	LGP	LGP: EN

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

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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