

- I. Basics of Prior Art Search
- II. Search Strategy
- III. Search Tool - J-PlatPat
- IV. Search Tool - PATENTSCOPE**

A. Basics of PATENTSCOPE - 1/3

- PATENTSCOPE is run by the WIPO
- PATENTSCOPE gives you access to
 - weekly publication of new PCT applications
 - file inspection for international phase
 - more than 30 million documents from all over the world
- Four types of search are available
 - *Simple Search*
 - *Advanced Search*
 - *Field Combination*
 - *Cross Lingual Expansion*

A. Basics of PATENTSCOPE - 2/3

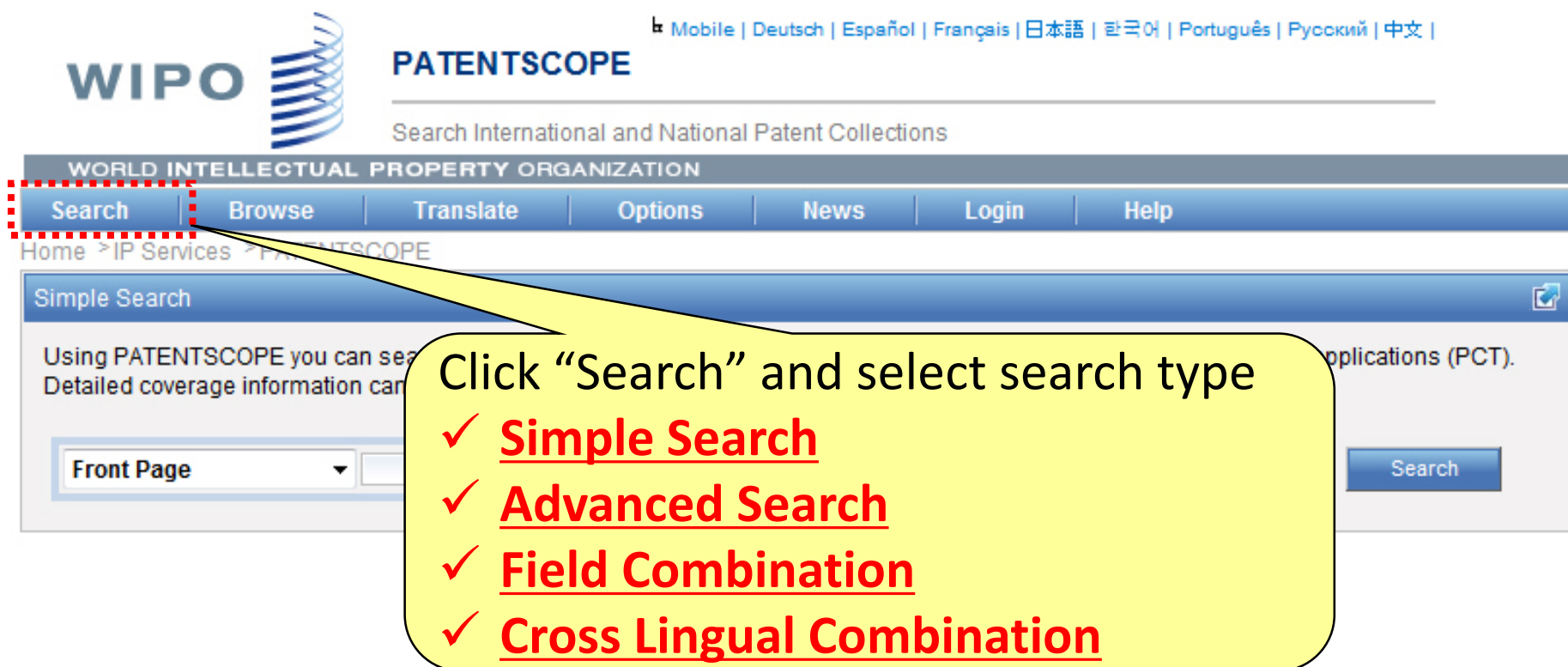
PATENTSCOPE <http://patentscope.wipo.int/search/en/search.jsf>



The screenshot shows the PATENTSCOPE search interface. At the top, the WIPO logo is on the left, and the text "PATENTSCOPE" is in the center. Below "PATENTSCOPE" is the tagline "Search International and National Patent Collections". To the right of the tagline are links for "Mobile", "Deutsch", "Español", "Français", "日本語", "한국어", "Português", "Русский", and "中文". Below this is a navigation bar with the text "WORLD INTELLECTUAL PROPERTY ORGANIZATION" and a menu with "Search", "Browse", "Translate", "Options", "News", "Login", and "Help". Below the navigation bar is a breadcrumb trail: "Home > IP Services > PATENTSCOPE". The main content area is titled "Simple Search" and contains the text: "Using PATENTSCOPE you can search 36 million patent documents including 2.2 million published international patent applications (PCT). Detailed coverage information can be found here (->)". Below this text is a search form with a dropdown menu labeled "Front Page", a text input field, a help icon, and a "Search" button. The text "Office: All" is also visible next to the search button.

A. Basics of PATENTSCOPE - 3/3

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



WIPO PATENTSCOPE

Search International and National Patent Collections

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

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | Login | Help

Home > IP Services > PATENTSCOPE

Simple Search

Using PATENTSCOPE you can search for patent information. Detailed coverage information can be found in the User Guide.

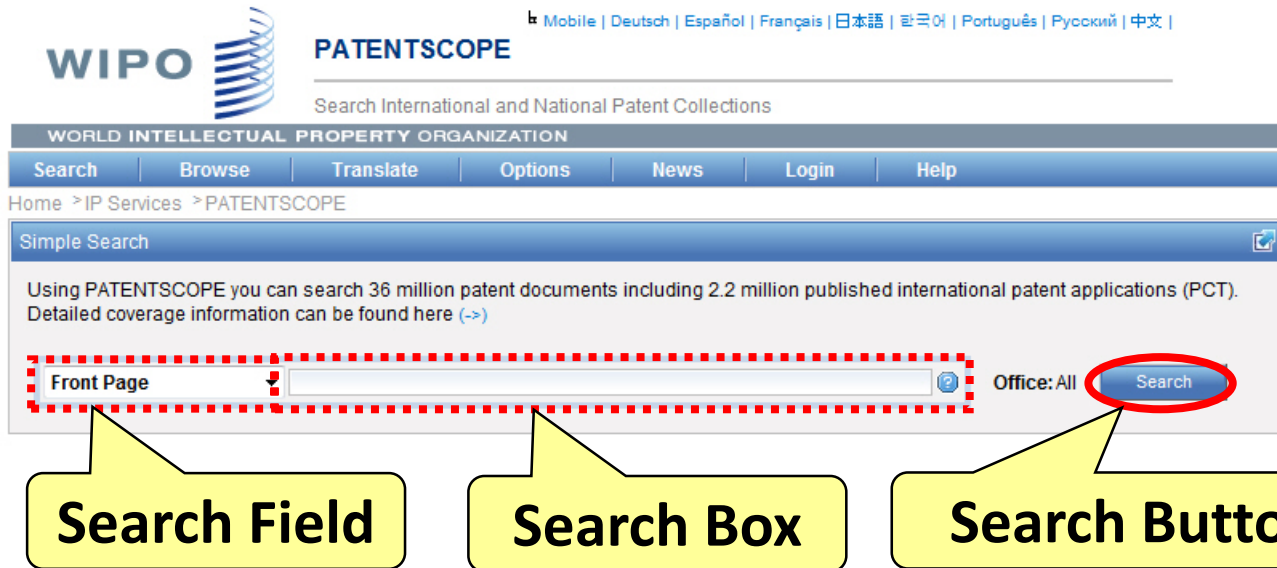
Front Page

Click “Search” and select search type

- ✓ Simple Search
- ✓ Advanced Search
- ✓ Field Combination
- ✓ Cross Lingual Combination

Search

B. Simple Search - 1/3



WIPO PATENTSCOPE

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search Browse Translate Options News Login Help

Home > IP Services > PATENTSCOPE

Simple Search

Using PATENTSCOPE you can search 36 million patent documents including 2.2 million published international patent applications (PCT). Detailed coverage information can be found here (->)

Front Page [Search Box] Office: All [Search Button]

Search Field **Search Box** **Search Button**

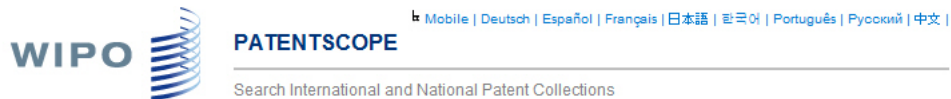
Cited from <http://patentscope.wipo.int/search/en/search.jsf>

1. Select Search Field
2. Enter query in Search Box-
3. Click Search Button

■ You can select Search Fields in the following list

- Front page
- Any field
- Full text
- English text
- ID / Number
- IPC
- Names
- Dates

B. Simple Search - 2/3



WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search International and National Patent Collections

Search Browse Translate Options News Login Help

Home > IP Services > PATENTSCOPE

Simple Search

Using PATENTSCOPE you can search 36 million patent documents including 2.2 million published international patent applications (PCT). Detailed coverage information can be found here (->)

Front Page light Office: All Search

1. Select "Front Page"
2. Enter "Light"
3. Click "Search"

Click "Number"



Search Results list



WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search International and National Patent Collections

Search Browse Translate Options News Login Help

Home > IP Services > PATENTSCOPE

Results 1-10 of 1,370,658 for Criteria:FP:(light) Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 137066 Go >

Refine Search FP:(light) Search RSS

Analysis

No	Ctr	Title	PubDate	Int Class	Appl.No	Applicant	Inventor
1.	WO	WO/2014/089850 - ROTARY-TYPE BAFFLE OPENING ALARM	19.06.2014	E01F 13/06	PCT/CN2012/086717	YUAN, Ziqi	YUAN, Ziqi
A rotary-type baffle opening alarm comprising an alarm light (1), a rotary shaft (2), a guardrail baffle (3), a dual-use motor, a guardrail baffle sliding support frame, and a central control electronic board. The alarm light (1) is connected to the central control electronic board. The rotary shaft (2) is connected to the dual-use motor. The guardrail baffle (3) is welded to the rotary shaft (2). The guardrail baffle sliding support frame is welded to the guardrail baffle (3). The alarm provides an effective prompt when a semicircular U-turn protection apparatus is in operation, reduces collisions caused by lane changes, and increases road safety.							
2.	WO	WO/2014/089855 - LED BACKLIGHT DRIVE CIRCUIT AND LIQUID CRYSTAL DISPLAY DEVICE	19.06.2014	G09G 3/34	PCT/CN2012/086884	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO.,LTD.	ZHANG, Xianming
An LED backlight drive circuit and a liquid crystal display device. The LED backlight drive circuit comprises an LED light bar and a drive chip coupled with the LED light bar. The drive chip is provided with a protection pin (OVP) which can control the drive chip to enter a protection state when a preset voltage range is exceeded. An input under-voltage protection module is coupled between a power input end (Vin) of the LED light bar and the protection pin (OVP). An output overvoltage protection module is coupled between a power output end (Vout) of the LED light bar and the protection pin (OVP). The input under-voltage protection module outputs a first control voltage which exceeds the preset voltage range to the protection pin (OVP) when the power input end (Vin) of the LED light bar is in an under-voltage state. The output overvoltage protection module outputs a second control voltage which exceeds the preset voltage range to the protection pin (OVP) when the power output end (Vout) of the LED light bar is in an overvoltage state. The input under-voltage protection and the output overvoltage protection share one protection pin (OVP), and therefore the number of occupied pins of the drive chip is reduced.							

B. Simple Search - 3/3

Bibliographic data

WIPO PATENTSCOPE
Search International and National Patent Collections

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

Home > IP Services > PATENTSCOPE

3. (WO2014091531) OPTICAL INFORMATION REPRODUCTION DEVICE AND OPTICAL INFORMATION REPRODUCTION METHOD

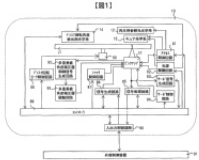
PCT Biblio. Data | Full Text | National Phase | Notices | Drawings | Documents

Latest bibliographic data on file with the International Bureau [Submit observation](#) PermaLink

Pub. No.: WO/2014/091531 International Application No.: PCT/JP2012/081873
Publication Date: 19.06.2014 International Filing Date: 10.12.2012
IPC: G11B 7/0065 (2006.01), G11B 7/135 (2012.01)

Applicants: HITACHI CONSUMER ELECTRONICS CO., LTD. [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP)
Inventors: HOSAKA, Makoto; (JP)
Agent: INOUE, Manabu; c/o HITACHI, LTD., 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008220 (JP)
Priority Data:
Title: (EN) OPTICAL INFORMATION REPRODUCTION DEVICE AND OPTICAL INFORMATION REPRODUCTION METHOD
(FR) DISPOSITIF DE REPRODUCTION D'INFORMATIONS OPTIQUES ET PROCÉDÉ DE REPRODUCTION D'INFORMATIONS OPTIQUES
(JA) 光情報再生装置及び光情報再生方法

Abstract: (EN) Provided is an optical information reproduction device in which holography is used, wherein the multiplexing, the wavelength, and the vertical angle of the reference light can be appropriately corrected during data reproduction. Also provided is a method for performing same. An optical information reproduction device for using holography to reproduce information from an optical information recording medium, wherein reference light multiplexing and vertical angle error signals are generated from a signal detected by a light detector; the reference light multiplexing and vertical angle are adjusted using the vertical angle adjustment unit on the basis of the angle error signal; a wavelength error signal



Documents of international phase

WIPO PATENTSCOPE
Search International and National Patent Collections

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

Home > IP Services > PATENTSCOPE

3. (WO2014091531) OPTICAL INFORMATION REPRODUCTION DEVICE AND OPTICAL INFORMATION REPRODUCTION METHOD

PCT Biblio. Data | Full Text | National Phase | Notices | Drawings | Documents

International Application Status

Date	Title	View	Download
24.06.2014	International Application Status Report	HTML, PDF	PDF, XML

Published International Application

Date	Title	View	Download
19.06.2014	Initial Publication with ISR (A1 25/2014)	PDF (51p.)	PDF (51p.), ZIP(XML + TIFFs), XML

Related Documents on file at the International Bureau

Date	Title	View	Download
19.06.2014	Application Body as Filed	PDF (47p.)	PDF (47p.), ZIP(XML + TIFFs)
19.06.2014	(RO/101) Request form	PDF (3p.)	PDF (3p.), ZIP(XML + TIFFs)
19.06.2014	(IB/301) Notification of receipt of record copy	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
19.06.2014	Translation of the ISR	PDF (2p.)	PDF (2p.), ZIP(XML + TIFFs)
19.06.2014	International Search Report	PDF (3p.)	PDF (3p.), ZIP(XML + TIFFs)
19.06.2014	(IB/311) Notification Concerning Availability of Publication of the International Application	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)

Various types of useful information are available

C. Advanced Search - 1/2



The screenshot shows the WIPO PATENTSCOPE website. At the top, there is a navigation bar with links for Mobile, Deutsch, Español, Français, 日本語, 한국어, Português, Русский, and 中文. Below this is the WIPO logo and the text "PATENTSCOPE" and "Search International and National Patent Collections". A secondary navigation bar contains links for Search, Browse, Translate, Options, News, Login, and Help. The main content area is titled "Advanced Search" and features a search form with the following elements:

- Search For:** A text input field with a search icon and a help icon.
- Language:** A dropdown menu currently set to "English".
- Stem:** A checkbox that is checked.
- Office:** A dropdown menu currently set to "All", with a link to "Specify" next to it.
- Buttons:** "Search" and "Reset" buttons.
- Tooltip Help:** A checkbox that is unchecked.

Cited from <http://patentscope.wipo.int/search/en/advancedSearch.jsf>

- Advanced Search accepts complex search queries
- Field Codes and Operators are available to create the queries

Field Code : <http://patentscope.wipo.int/search/en/help/fieldsHelp.jsf>

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

C. Advanced Search - 2/2

~ Examples of search queries ~

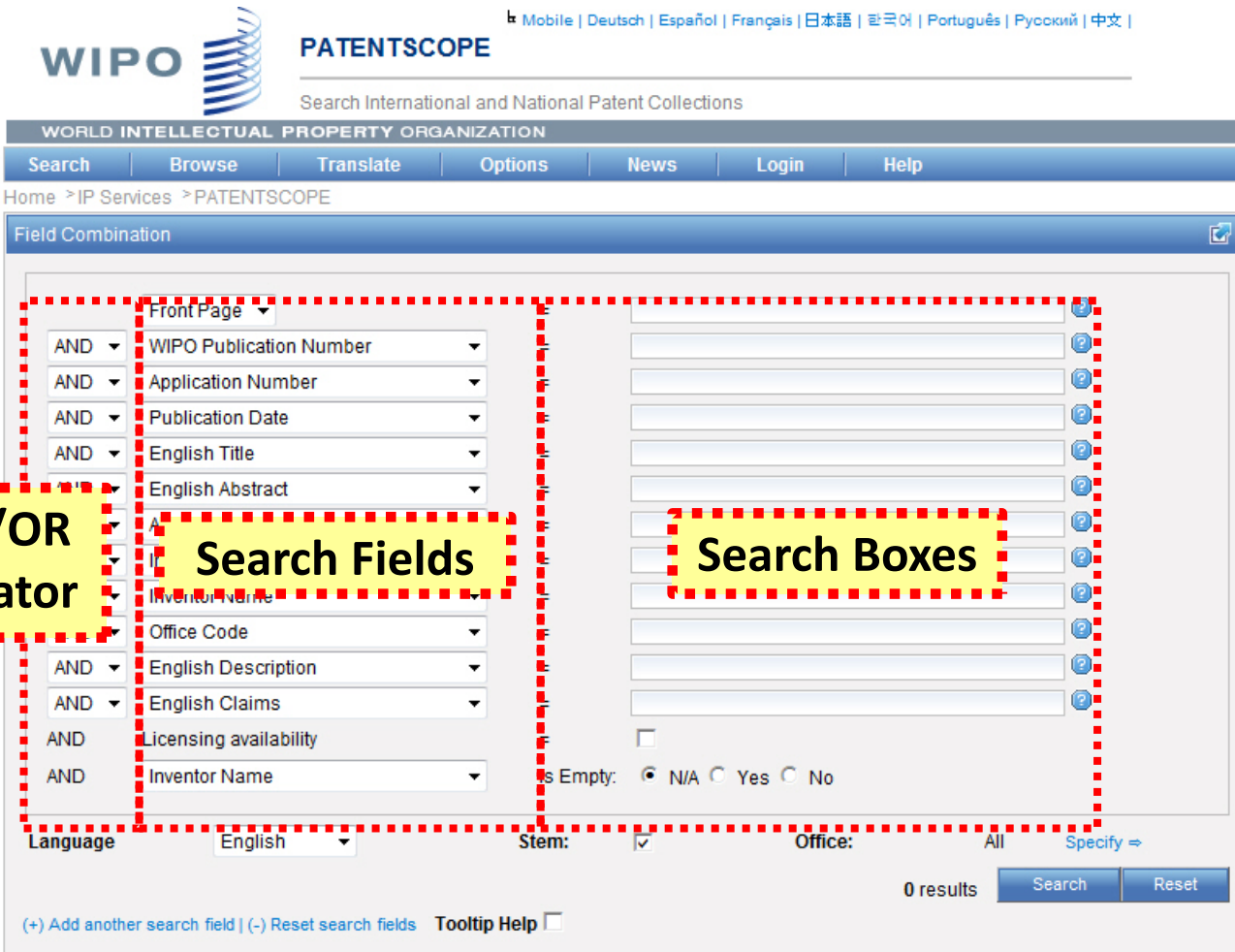
Example 1 Cutting NEAR5 trunk

“cutting” and “trunk” are located within 5 words of each other

Example 2 IN(Jobs) AND DP:[2007 TO 2009] AND EN_DE(TOUCH)

Inventions by Steve Jobs published during the period from 2007 to 2009 containing the keyword “touch” in the description

D. Field Combination



WIPO PATENTSCOPE

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | Login | Help

Home > IP Services > PATENTSCOPE

Field Combination

Front Page

AND WIPO Publication Number

AND Application Number

AND Publication Date

AND English Title

AND English Abstract

AND English Description

AND English Claims

AND Licensing availability

AND Inventor Name

Search Fields

Search Boxes

Language English

Stem: ☒

Office: All

Specify

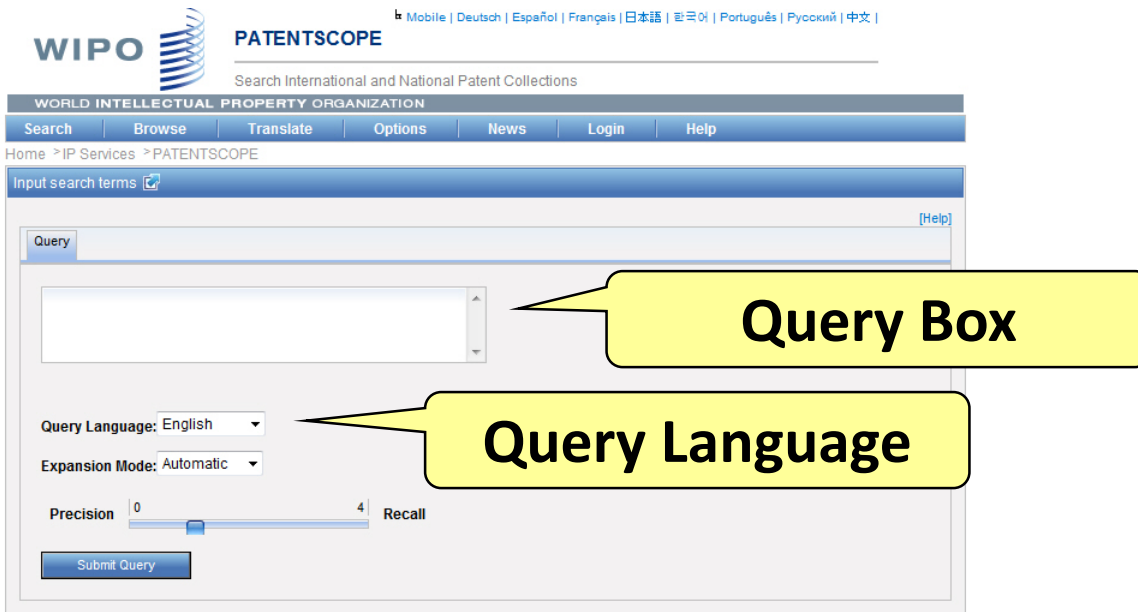
0 results

Search Reset

(+) Add another search field | (-) Reset search fields | Tooltip Help

Any combinations of the preset search fields are available

E. Cross Lingual Expansion - 1/2



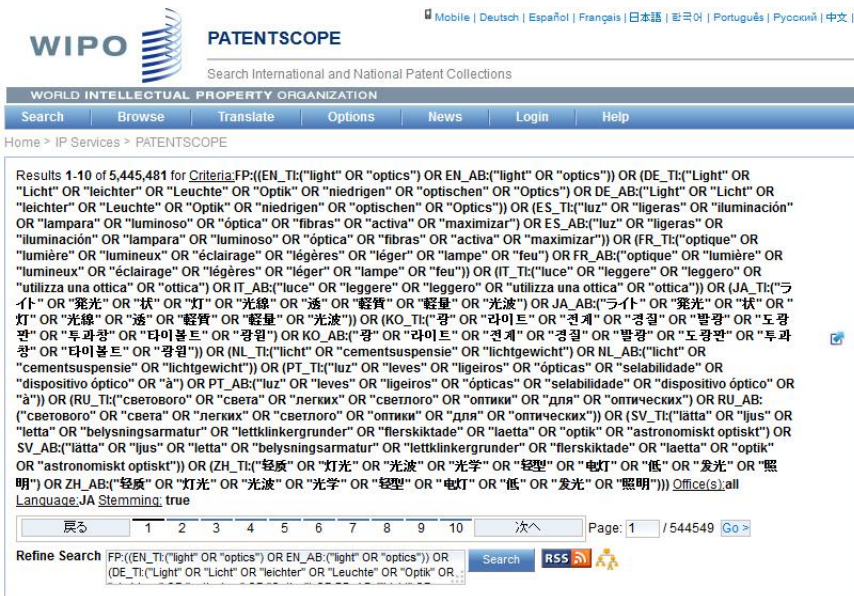
The screenshot shows the WIPO PATENTSCOPE search interface. At the top, there is a navigation bar with links for Mobile, Deutsch, Español, Français, 日本語, 한국어, Português, Русский, and 中文. Below this is the WIPO logo and the text "PATENTSCOPE" and "Search International and National Patent Collections". A menu bar contains "Search", "Browse", "Translate", "Options", "News", "Login", and "Help". The breadcrumb trail reads "Home > IP Services > PATENTSCOPE". The main search area has a label "Input search terms" and a "Query" input box. Below the input box are two dropdown menus: "Query Language: English" and "Expansion Mode: Automatic". A slider for "Precision" is set to 0, with "Recall" at 4. A "Submit Query" button is at the bottom. Two yellow callout boxes with black text point to the "Query" input box and the "Query Language" dropdown menu, labeling them "Query Box" and "Query Language" respectively.

1. Select Query Language *
2. Enter terms in the selected language in the Query Box.
3. Automatically, the terms are expanded and then the expanded terms are translated into the other languages.
4. Documents in the other languages * are searched.

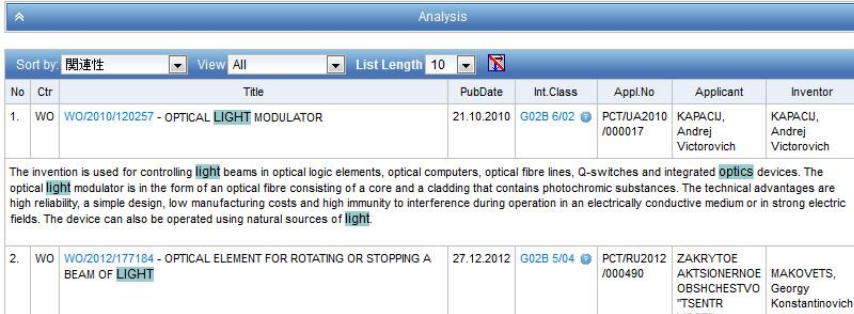
Cited from <http://patentscope.wipo.int/search/en/clir/clir.jsf>

E. Cross Lingual Expansion - 2/2

Search result : Language is “English” and term is “Light”



Search Queries



No	Ctr	Title	PubDate	Int Class	Appl.No	Applicant	Inventor
1.	WO	WO/2010/120257 - OPTICAL LIGHT MODULATOR	21.10.2010	G02B 6/02	PCT/JA2010 /000017	KAPACU, Andrej Victorovich	KAPACU, Andrej Victorovich
2.	WO	WO/2012/177184 - OPTICAL ELEMENT FOR ROTATING OR STOPPING A BEAM OF LIGHT	27.12.2012	G02B 5/04	PCT/RU2012 /000490	ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "TSENTRALNOYE"	MAKOVETS, Georgy Konstantinovich

Search Results list

Cited from <http://patentscope.wipo.int/search/en/clir/clir.jsf>