



Overview of **PATENTSCOPE**

April 2013



Today

- Focus on the search interface:

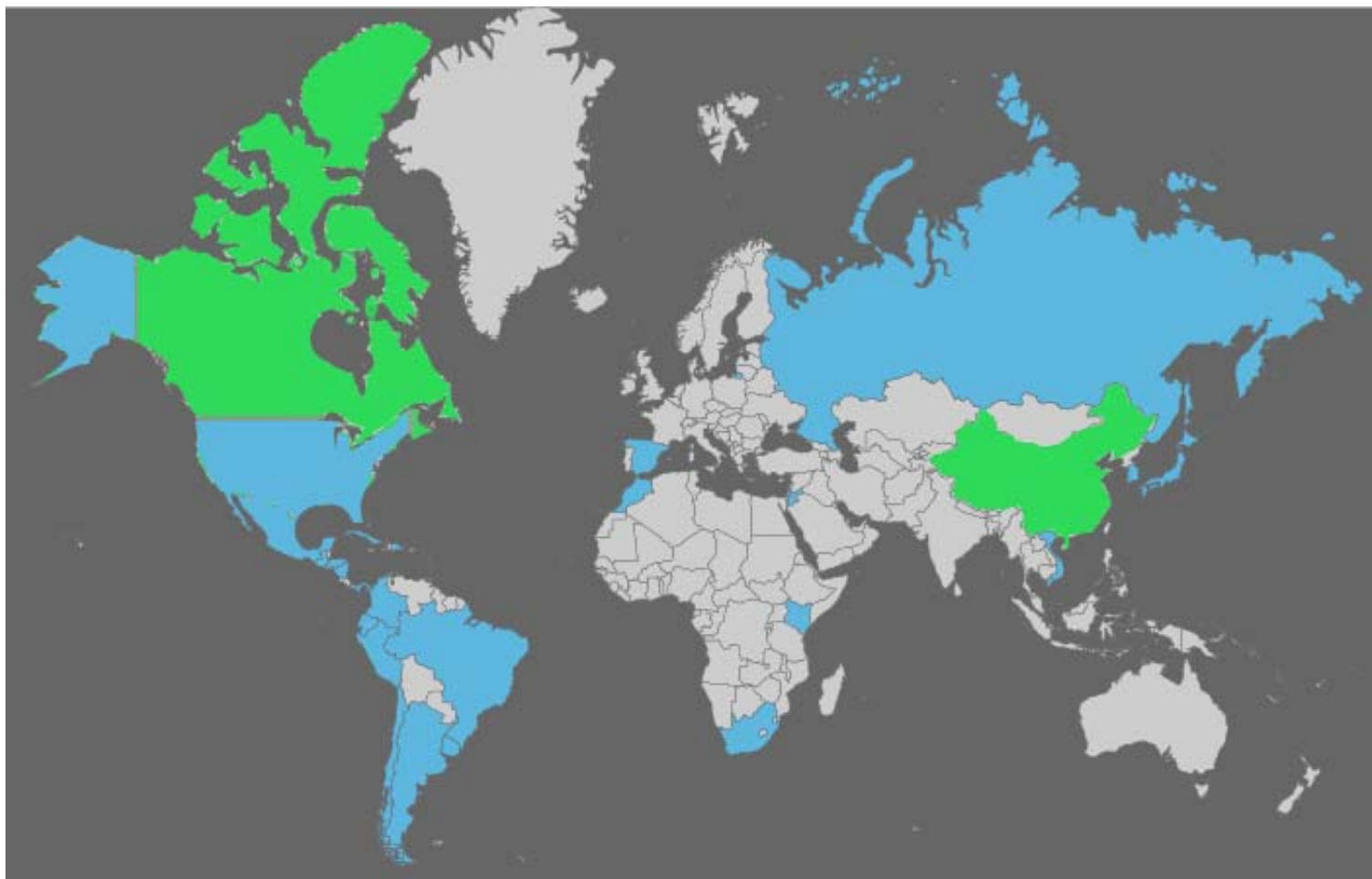
- Coverage
- Interfaces
- Account
- How to search/browse
- Reading the results
- Multilingual tools

PATENTSCOPE: introduction

PATENTSCOPE is the patent search system of WIPO

- <http://patentscope.wipo.int/search/en>
- FREE of charge
- Access to almost 14,000,000 patent documents:
 - Entire PCT collections
 - Data from national and regional participating offices

Coverage : Collections



As well as **PCT applications**, the **ARIPO**, **EPO** and **LATIPAT** collections

Coverage : Details of collections

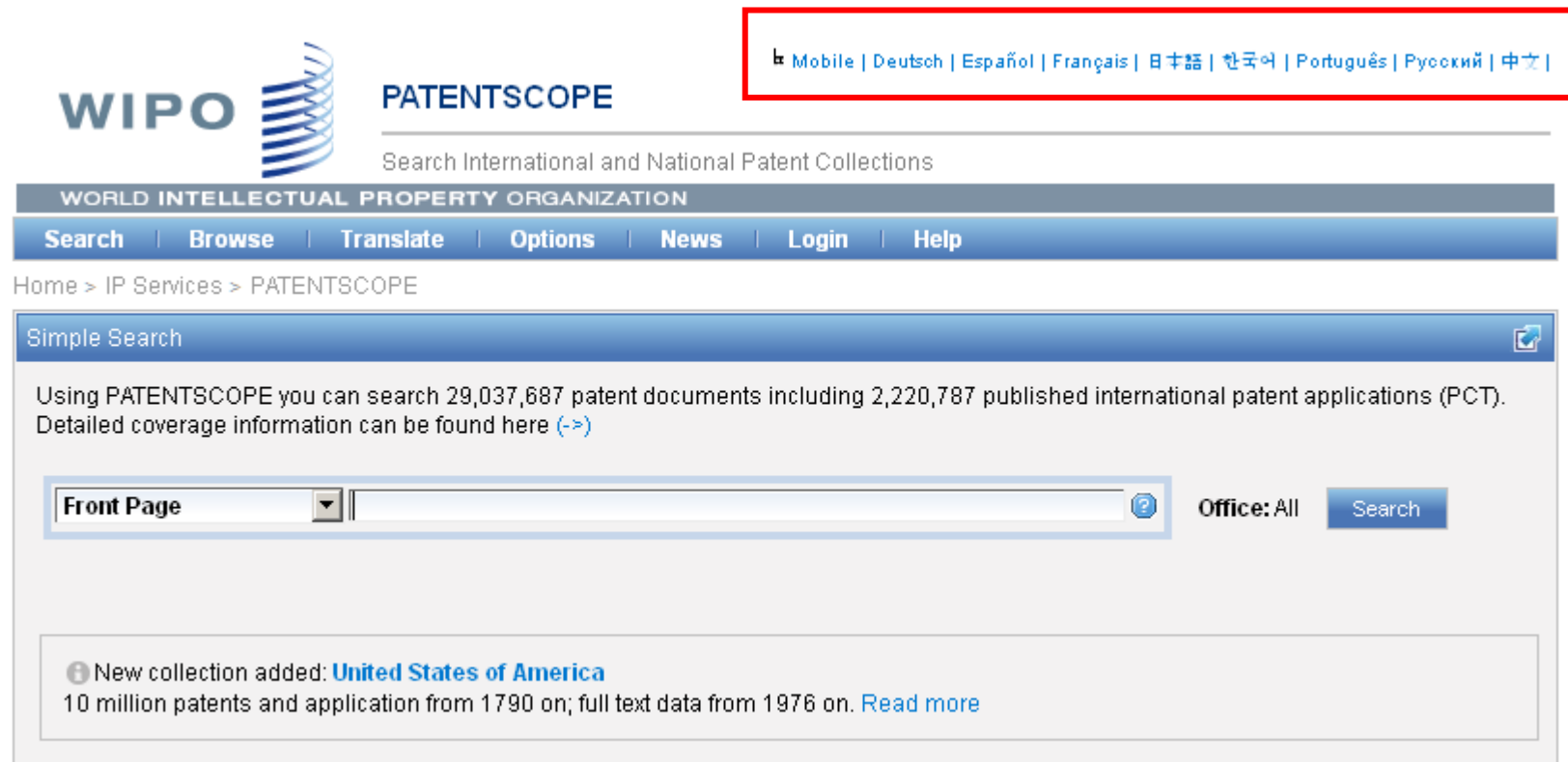
Country	Biblio Data	Abstract	Doc images	OCR (full-text) Indexed	Nb records	Note
PCT	20.10.1978 - 12.04.2013	20.10.1978 - 12.04.2013	2220787	Total records: 2216178 English: 1429940 French: 86888 Spanish: 15550 German: 270470 Korean: 23755 Japanese: 316342	2220787	



http://patentscope.wipo.int/search/en/help/data_coverage.jsf

Brazil	26.04.1972 - 13.03.2013	26.04.1989 - 13.03.2013	207770	Total records: 206716 Portuguese: 206716	532672	
Chile	08.01.2005 - 25.10.2008	08.01.2005 - 24.05.2008			3826	
Colombia	14.02.1995 - 21.12.2010	14.02.1995 - 21.12.2010	401	Total records: 390 Spanish: 390	12028	
Costa Rica	03.10.0108 - 01.02.2013	03.10.0108 - 01.02.2013			6910	
Cuba	13.03.1968 - 16.03.2012	13.03.1968 - 16.03.2012	1821	Total records: 1747 Spanish: 1747	2797	
Dominican Rep.	01.11.2001 - 16.09.2012	01.11.2001 - 16.09.2012	1590	Total records: 1390 Spanish: 1390	2361	
Ecuador	02.10.1990 - 29.08.2009	02.10.1990 - 29.08.2009			2858	
El Salvador	11.03.1970 - 21.01.2012	11.03.1970 - 21.01.2012			1577	
Guatemala	22.03.1434 - 14.04.2011	22.03.1434 - 14.04.2011			5949	
Honduras	14.01.2005 - 23.07.2010	28.01.2005 - 23.07.2010			286	
Israel	02.01.1900 - 01.03.2013	17.07.2000 - 01.02.2013	103050	Total records: 90838 English: 90838	170455	
Japan	09.01.1993 - 08.02.2013	09.01.1993 - 08.02.2013		Total records: 7054474 Japanese: 7054474	7754518	
Jordan	31.12.1899 - 02.11.2011	31.12.1899 - 02.11.2011			1731	
Kenya	12.05.1996 - 01.02.2011	12.05.1996 - 01.02.2011			373	
Mexico	02.12.1991 - 13.09.2011	02.12.1991 - 13.09.2011	142338	Total records: 138592 Spanish: 138592	216229	
Morocco	07.07.1977 - 02.03.2012	02.04.1999 - 02.03.2012	9045	Total records: 8741 French: 8741	13630	
Nicaragua	06.11.2003 - 25.03.2009	06.11.2003 - 25.03.2009			197	
Panama	10.03.1990 - 28.07.2010	10.03.1990 - 28.07.2010			2312	
Peru	22.02.1989 - 01.05.2011	22.02.1989 - 01.05.2011			6415	
Republic of Korea	24.10.1973 - 21.09.2012	24.10.1973 - 21.09.2012			1739058	
Russian Federation	16.02.1993 - 28.12.2010	16.02.1993 - 28.12.2010		Total records: 464597 Russian: 464597	488061	
Russian Federation (USSR data)	01.03.1919 - 28.12.2010	01.12.1960 - 11.12.2008	1369053		1407985	
Singapore	29.11.1995 - 29.06.2012	30.04.2011 - 29.06.2012			88507	

Languages of the interface



The screenshot displays the WIPO PATENTSCOPE website. At the top left is the WIPO logo, followed by the text "PATENTSCOPE" and the tagline "Search International and National Patent Collections". A red rectangular box highlights a language selection menu in the top right corner, which includes links for "Mobile", "Deutsch", "Español", "Français", "日本語", "한국어", "Português", "Русский", and "中文". Below the header is a navigation bar with links for "Search", "Browse", "Translate", "Options", "News", "Login", and "Help". The breadcrumb trail reads "Home > IP Services > PATENTSCOPE". The main content area is titled "Simple Search" and contains the text: "Using PATENTSCOPE you can search 29,037,687 patent documents including 2,220,787 published international patent applications (PCT). Detailed coverage information can be found here (->)". Below this is a search input field with a dropdown menu set to "Front Page" and a "Search" button. To the right of the input field is a label "Office: All". At the bottom of the main content area, a message states: "New collection added: [United States of America](#) 10 million patents and application from 1790 on; full text data from 1976 on. [Read more](#)".

WIPO PATENTSCOPE

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Interface in Chinese



PATENTSCOPE
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主页 > 知识产权服务 > PATENTSCOPE

简单检索

此系统可让您在 2,220,787 公布的国际专利申请(PCT)中 和 29,037,687 收录的地区及国家汇编专利文件中检索. 关于数据覆盖的详细信息可以在[这里找到](#). (->)

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Mobile interface



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Mobile interface

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- Save your customized configuration.
- Save your queries.
- Download result lists up to 100 records.

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Company	<input type="text"/>
Country	<input type="text"/>
Occupation:	<input type="text" value="Select One"/> ▼
Email(*)	<input type="text"/>
Password(*)	<input type="password"/>
Retype Password(*)	<input type="password"/>
Would you like to get news from us?	<input checked="" type="checkbox"/>
<input type="button" value="Sign Up"/> <input type="button" value="Reset"/>	

Once logged-in

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User: sandrine.ammann@wipo.int | Help

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Session queries

Saved queries

Save current interface options

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Saved queries

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These are the all queries saved in your profile with PATENTSCOPE.
They are available every time you log in!

Saved Queries			
Name	Query	Offices	Remove
Electric car	FP:(EN_Tl:"electric car")	All	Remove
Wind turbine	EN_AB:"wind turbine"	All	Remove
Magnetic chip	EN_AB:"magnetic chip"	All	Remove
green energy	EN_Tl:((((windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill) NEAR2 (turbine OR power OR generator)))) NEAR500 (HAWT OR (horizontal NEAR2 (axle OR shaft OR axes OR axis)))) AND ((armature^5 OR rotator^5 OR rotor^20 OR helix^5 OR "helical member"^5) OR (aerofoil^5 OR vane^5 OR fins^5 OR paddles^5 OR airfoils^5 OR blade^5)))) OR EN_AB:((((windturbine OR ((eolic OR eolian OR aeolian OR wind OR windmill) NEAR2 (turbine OR power OR generator)))) NEAR500 (HAWT OR (horizontal NEAR2 (axle OR shaft OR axes OR axis)))) AND ((armature^5 OR rotator^5 OR rotor^20 OR helix^5 OR "helical member"^5) OR (aerofoil^5 OR vane^5 OR fins^5 OR paddles^5 OR airfoils^5 OR blade^5))))	All	Remove
test		All	Remove

Downloading the results

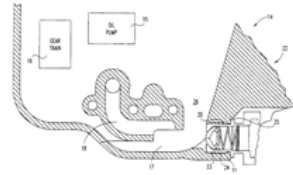
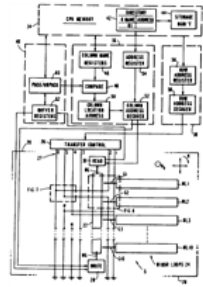
Results 1-100 of 19 for Criteria:EN_AB:"magnetic chip" Office(s):all Language:EN Stemming: true

prev 1 next Page:1 / 1 Go >

Refine Search EN_AB:"magnetic chip" Search RSS

Analysis

Sort by: Relevance View: All List Length: 100

No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor	Image
1.	US	5782141 - Engine having a non-intrusive self closing valve for magnetic chip detectors	21.07.1998	B03C 1/30	08398751	Allison Engine Company	Schoolcraft Ronald J.	
<p>A self closing valve for use with an engine that prevents the loss of fluid from a transmission connected to the engine when a magnetic chip detector is removed from the transmission housing. The self closing valve and magnetic chip detector being integrated together to form a magnetic chip detection system that provides an indicating signal to the operator of an aircraft when magnetically attractable debris is detected in the transmission. The self closing valve includes a pair of valve doors that rotate about a pivot point so as to be moveable from a central region of a passageway within the transmission housing. Further, the valve does not extend substantially into the interior of the mechanical housing but is closeable to prevent loss of fluid from the interior of the mechanical housing when the magnetic chip detector is withdrawn from the passageway.</p>								
2.	US	4128891 - Magnetic bubble domain relational data base system	05.12.1978	G11C 11/02	05755892	International Business Machines Corporation	Lin Yeong S.	
<p>A relational data base system utilizing magnetic bubble domain storage. The bubble domain storage is located on a magnetic chip and includes storage circuitry for storing bubble domains in columns and rows. The bubble domains are coded to represent data, and the rows and columns of bubbles correspond to tables of data which are determined by various relations. Current activated transfer gates located on the magnetic chip are used to select a particular row or a particular column of bubble domains for accessing. The magnetic chip also includes a write circuit for writing bubble domains into storage and a read circuit for reading bubble domains removed from storage. Located off the magnetic chip are column addressing circuits, row addressing circuits, interface circuitry, and a computer central</p>								

Downloaded results

Microsoft Excel - resultList.xls [Read-Only]

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Type a question for help

SnagIt Window

	A	B	C	D
1				
2	Query:			
3	Publication Number	Publication Date	Title	Abstract
4	WO2013035105	15.03.2013	A SPINDLE AND RING FRAME TUBE ASSEMBLY FOR SPINNING TEXTILE MILL	The present invention provides a spindle (SP) and ring frame tube (RT) assembly for spinning. The spindle comprises a head portion (H), a body portion (BD) and a base portion (B1, B2, B3) being protruded as the spindle starts rotating; a ring frame tube being rotatable around the spindle. The ring frame tube comprises an outer surface (OS) and an inner surface (IS); the outer surface comprises: first segment (P1) in continuation to first segment, the second segment comprises a plurality of grooves (G) in continuation to second segment, the third segment comprises a plurality of microgrooves provided either in the direction of rotation of the ring frame tube or in opposite direction, the fourth segment (P4) comprises a plurality of grooves (FG) over its periphery, fifth segment (P5) of the spindle, the inner surface comprises tappers (RB) over its periphery which is covered by the ring frame tube.
5	WO2013035940	15.03.2013	LED BULB HAVING SUPERIOR HEAT DISSIPATING PROPERTIES	Provided in the present invention is an LED bulb comprising: an LED substrate having a transparent cover member covering the LED substrate; and a heat sink being mounted on the LED substrate, the heat sink comprising a round radiant heat transferring pipe formed at the center thereof for dissipating radiant heat.
6	WO2013033873	15.03.2013	NOVEL LIG SAW	A lig saw comprises a head (1), a motor, a first drive gear linked with a motor output end (2), a first saw blade (101). The first drive gear is hinged with an end of a first connecting rod (61) of the first connecting rod (61) is hinged with the first reciprocating lever (71). The lig saw also comprises a second drive gear linked with the motor output end (3). The second drive gear is hinged with an end of a second connecting rod (62) of the second connecting rod (62) is hinged with a second reciprocating lever (72) hinged with the motor output end (3).

ResultSet

Ready

NUM

Account customization

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Home > IP Services > PATENTSCOPE

Simple Search

Options

Query | Result | Interface | Translate

Default Search Form: Simple

Default Tab Search Form: Front Page

Interface Language: English

Skins: Classic

Multiple Windows Interface: ☐

Tooltip Help: ☐

Office:

<input type="checkbox"/> PCT	<input type="checkbox"/> Ecuador	<input type="checkbox"/> Panama	<input type="checkbox"/> ARIPO
<input type="checkbox"/> Argentina	<input type="checkbox"/> El Salvador	<input type="checkbox"/> Peru	<input type="checkbox"/> EPO
<input type="checkbox"/> Brazil	<input type="checkbox"/> Guatemala	<input type="checkbox"/> Republic of Korea	<input type="checkbox"/> LATIPAT
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Save in your profile? ☒ Save Reset

PATENTSCOPE: how to search



Browse by week or sequence listing

- Search patent documents:

- Simple

- Advanced

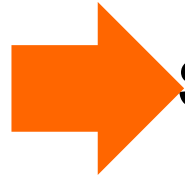
- Field combination

- CLIR

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10/198																				

PATENTSCOPE: how to search

- Browse by week or sequence listing



Search patent documents:

- Simple
- Advanced
- Field combination
- CLIR

4 ways to search

The screenshot displays the WIPO PATENTSCOPE website. At the top, the WIPO logo is on the left, and the text "PATENTSCOPE" is in the center. To the right of "PATENTSCOPE" is a horizontal menu with links: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文. Below this, a tagline reads "Search International and National Patent Collections". A dark blue navigation bar contains the text "WORLD INTELLECTUAL PROPERTY ORGANIZATION" and a series of tabs: Search, Browse, Translate, Options, News, Login, and Help. The "Search" tab is active, and a dropdown menu is open, listing four search methods: Simple, Advanced Search, Field Combination, and Cross Lingual Expansion. To the right of the dropdown, a blue banner states "29,037,687 patent documents including 2,220,787 published international patent applications (PCT). Found here (->)". Below the banner is a search interface with a dropdown menu set to "Front Page", a large text input field, a blue question mark icon, and a "Search" button. To the right of the input field, it says "Office: All". At the bottom, a light gray box contains an information icon, the text "New collection added: United States of America", and "10 million patents and application from 1790 on; full text data from 1976 on. Read more".

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

29,037,687 patent documents including 2,220,787 published international patent applications (PCT). Found here (->)



Front Page [?] Office: All Search

New collection added: **United States of America**
10 million patents and application from 1790 on; full text data from 1976 on. [Read more](#)

Interface : Simple

Simple Search 

Using PATENTSCOPE you can search 29,037,687 patent documents including 2,220,787 published international patent applications (PCT).
Detailed coverage information can be found here [\(->\)](#)


ID/Number   **Office:** All





































- Front Page
- Any Field
- Full Text
- English Text
- ID/Number**
- Int. Classification(IPC)
- Names
- Dates



[United States of America](#)
Publication from 1790 on; full text data from 1976 on. [Read more](#)

Basic search fields are provided


Interface : Field Combination - Structured

Field Combination 

	Front Page 	=	<input type="text"/>	
AND 	WIPO Publication Number 	=	<input type="text"/>	
AND 	Application Number 	=	<input type="text"/>	
AND 	Publication Date 	=	<input type="text"/>	
AND 	English Title 	=	<input type="text"/>	
AND 	English Abstract 	=	<input type="text"/>	
AND 	Applicant Name 	=	<input type="text"/>	
AND 	International Class 	=	<input type="text"/>	
AND 	Inventor Name 	=	<input type="text"/>	
AND 	Office Code 	=	<input type="text"/>	
AND 	English Description 	=	<input type="text"/>	
AND 	English Claims 	=	<input type="text"/>	
AND	Licensing availability	=	<input type="checkbox"/>	
AND	Inventor Name 	Is Empty:	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	

Language  Stem: ☒ Office: All [Specify](#) 

0 results

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

Additional search fields can be selected

Search examples

■ Inventions by Steve Jobs in 2007

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

■ Patent documents containing microchip with licensing availability.

AND	English Description	=	
AND	English Description	=	microchip
AND	Licensing availability	=	<input checked="" type="checkbox"/>
AND	Inventor Name	Is Empty:	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No

Search examples

- Patent documents without an IPC code

The screenshot shows a search interface with three rows of criteria. The first row has a dropdown menu set to 'AND' and a text input field. The second row has a dropdown menu set to 'AND' and a text input field. The third row has a dropdown menu set to 'AND', a text input field, and a radio button group labeled 'Is Empty:' with options 'N/A', 'Yes' (selected), and 'No'. A red oval highlights the third row.

AND	English Description	=	
AND	Licensing availability	=	
AND	International Class	Is Empty:	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No

Stemming

Process that removes common ending from words by
English Snowball algorithm

electric!al = electric

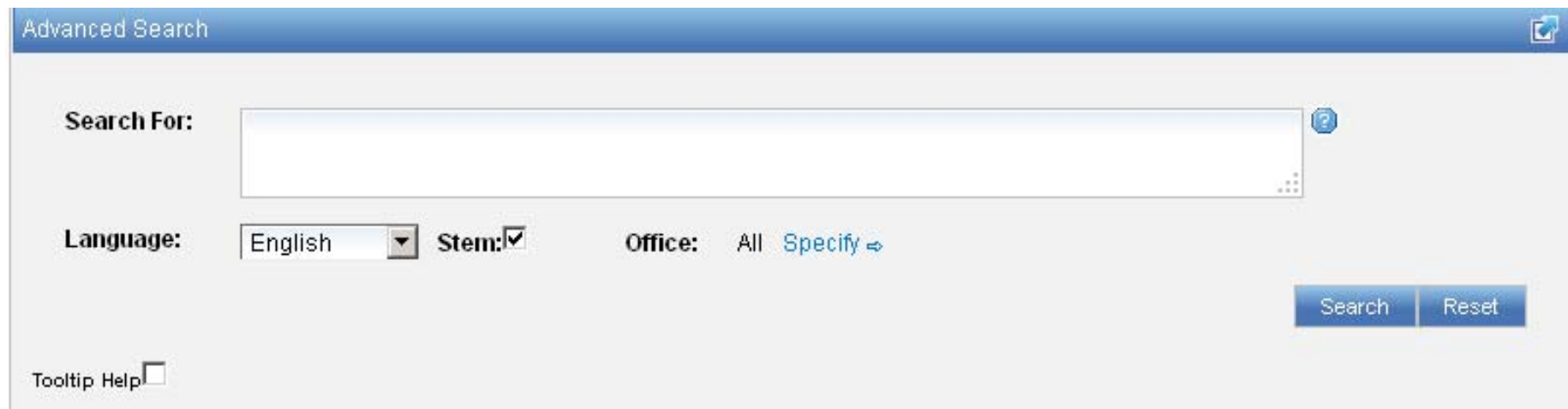
electric!ity = electric

electron!ics = electron

More accurate results than wildcards:

elect* → electoral, etc.

Interface : Advanced



The screenshot displays the 'Advanced Search' interface of the WIPO database. It features a search bar labeled 'Search For:' with a help icon. Below the search bar, there are filters for 'Language' (set to 'English'), 'Stem' (checked), and 'Office' (set to 'All' with a 'Specify' link). At the bottom right, there are 'Search' and 'Reset' buttons. At the bottom left, there is a 'Tooltip Help' checkbox.

Advanced Search

Search For:

Language: English Stem: ☒ Office: All [Specify](#)

Tooltip Help ☐

Full flexibilities are enabled

Search examples: field code, Boolean and range operator

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

```
IN:(Jobs) AND PD:[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, **PD** 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.

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

CLIR: the interface

The screenshot displays the WIPO PATENTSCOPE CLIR interface. At the top, the WIPO logo and 'PATENTSCOPE' text are visible, along with a language selection bar. Below this, a breadcrumb trail reads 'Home > IP Services > PATENTSCOPE > Back to PATENTSCOPE'. The main search area is titled 'Input search terms' and contains a large text input field. To the right of this field is a red arrow pointing left. Below the input field are two dropdown menus: 'Query Language: English' and 'Expansion Mode: Automatic', each with a red arrow pointing left. Below these is a slider control labeled 'Precision' on the left and 'Recall' on the right, with a blue diamond marker positioned towards the Precision side. A red arrow points up at the bottom of the slider. At the bottom left of the search area is a 'Submit Query' button with a right-pointing arrow. A large red arrow points up from the bottom of the page towards the 'Submit Query' button.

WIPO PATENTSCOPE

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

Search International and National Patent Applications: CLIR

Home > IP Services > PATENTSCOPE > Back to PATENTSCOPE

Input search terms

Query [Help]

>> Query Language: English

>> Expansion Mode: Automatic

>> Precision Recall

Submit Query

CLIR: precision vs recall



Precision = Exactness or fidelity
Everything returned is relevant



Not all relevant items might have been found



Recall = Completeness
All is included, nothing is missed



A lot of useless results could be returned
Sorting is necessary

Example: precision


Input search terms

Query

car

» Query Language: English

» Expansion Mode: Automatic

» Precision  Recall

Submit Query

Results 1-10 of **347,252** for Criteria: (EN_Tl:("car" OR "auto" OR "automobile") OR EN_AB:("car" OR "auto" OR "automobile")) OR (DE_Tl:("Auto" OR "Kraftfahrzeugs" OR "automatischen") OR DE_AB:("Auto" OR "Kraftfahrzeugs" OR "automatischen")) OR (ES_Tl:("automóvil" OR "vehículo" OR "automático") OR ES_AB:("automóvil" OR "vehículo" OR "automático")) OR (FR_Tl:("voiture" OR "automobile" OR "auto") OR FR_AB:("voiture" OR "automobile" OR "auto")) OR (JA_Tl:("自動車" OR "オート") OR JA_AB:("自動車" OR "オート")) OR (KO_Tl:("차량용" OR "자동") OR KO_AB:("차량용" OR "자동")) OR (PT_Tl:("automóvel" OR "automático") OR PT_AB:("automóvel" OR "automático")) OR (RU_Tl:("автомобилия" OR "функцию") OR RU_AB:("автомобилия" OR "функцию")) OR (ZH_Tl:("汽车" OR "自动") OR ZH_AB:("汽车" OR "自动")) Office(s):all Language:EN Stemming:true

Example: recall


Input search terms

Query

car

» Query Language: English

» Expansion Mode: Automatic

» Precision  Recall

Submit Query

Results 1-10 of 543,616 for Criteria: (EN_Tl:("car" OR "cab" OR "automobile" OR "auto" OR "van" OR "wagon") OR EN_AB:("car" OR "cab" OR "automobile" OR "auto" OR "van" OR "wagon")) OR (DE_Tl:("Auto" OR "Fahrzeug" OR "Kraftfahrzeug" OR "Automobil" OR "Kabine" OR "Car" OR "Fahrrerhaus" OR "Personenkraftwagen" OR "Waggon") OR DE_AB:("Auto" OR "Fahrzeug" OR "Kraftfahrzeug" OR "Automobil" OR "Kabine" OR "Car" OR "Fahrrerhaus" OR "Personenkraftwagen" OR "Waggon")) OR (ES_Tl:("vehículo" OR "cabina" OR "automóvil" OR "coche" OR "carrocería" OR "vagón" OR "auto" OR "máquinas" OR "puesto") OR ES_AB:("vehículo" OR "cabina" OR "automóvil" OR "coche" OR "carrocería" OR "vagón" OR "auto" OR "máquinas" OR "puesto")) OR (FR_Tl:("voiture" OR "wagon" OR "cabine" OR "automobile" OR "parc" OR "auto" OR "surélévée" OR "véhicule" OR "chariot") OR FR_AB:("voiture" OR "wagon" OR "cabine" OR "automobile" OR "parc" OR "auto" OR "surélévée" OR "véhicule" OR "chariot")) OR (JA_Tl:("自動車" OR "カゴ" OR "車両" OR "キャブ" OR "車輦" OR "の" OR "カゴ室昇降" OR "横向き" OR "カゴ室" OR "オート") OR JA_AB:("自動車" OR "カゴ" OR "車両" OR "キャブ" OR "車輦" OR "の" OR "カゴ室昇降" OR "横向き" OR "カゴ室" OR "オート")) OR (KO_Tl:("차량용" OR "차량" OR "자동차용" OR "자동차" OR "하고" OR "카" OR "철도차량" OR "자동" OR "철도") OR KO_AB:("차량용" OR "차량" OR "자동차용" OR "자동차" OR "하고" OR "카" OR "철도차량" OR "자동" OR "철도")) OR (PT_Tl:("automóvel" OR "travões" OR "cabina" OR "carros" OR "vagão" OR "facilita" OR "gaiola" OR "vagões" OR "automóveis") OR PT_AB:("automóvel" OR "travões" OR "cabina" OR "carros" OR "vagão" OR "facilita" OR "gaiola" OR "vagões" OR "automóveis")) OR (RU_Tl:("автомобиль" OR "барошетка" OR "тележечный" OR "кабиной" OR "тележечного" OR "вагона" OR "barohtky" OR "тележки" OR "автомобильном") OR RU_AB:("автомобиль" OR "barohtky" OR "тележечный" OR "кабиной" OR "тележечного" OR "вагона" OR "barohtky" OR "тележки" OR "автомобильном")) OR (ZH_Tl:("车厢" OR "汽车" OR "自动" OR "车廂" OR "驾驶室" OR "司机室" OR "机车" OR "车辆" OR "轿箱") OR ZH_AB:("车厢" OR "汽车" OR "自动" OR "车廂" OR "驾驶室" OR "司机室" OR "机车" OR "车辆" OR "轿箱")) Office(s):all Language:EN Stemming:true

CLIR: supervised mode

- 2 modes: automatic and supervised
- Automatic: 1 step
- Supervised: 4 steps

Automatic mode


Input search terms

Query [\[Help\]](#)

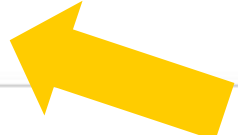
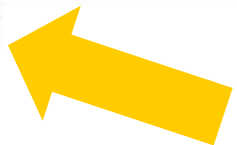
hearing aids

» Query Language: English

» Expansion Mode: Automatic

» Precision  Recall

Submit Query



Automatic mode: results

(**EN_TI**:(**"hearing aids"** OR **"hearing prosthetic"**~21 OR **"auditory aids"**~21 OR **"auditory prosthetic"**~21) OR **EN_AB**:(**"hearing aids"** OR **"hearing prosthetic"**~21 OR **"auditory aids"**~21 OR **"auditory prosthetic"**~21)) OR (**DE_TI**:(**"Hörgeräte"** OR **"Hörhilfegeräten"**) OR **DE_AB**:(**"Hörgeräte"** OR **"Hörhilfegeräten"**)) OR (**ES_TI**:(**"audífonos"**) OR **ES_AB**:(**"audífonos"**)) OR (**FR_TI**:(**"audioprothèses"** OR **"appareils de correction auditive"** OR **"production d'appareils auditifs"**) OR **FR_AB**:(**"audioprothèses"** OR **"appareils de correction auditive"** OR **"production d'appareils auditifs"**)) OR (**JA_TI**:(**"穴形補聴器"**) OR **JA_AB**:(**"穴形補聴器"**)) OR (**KO_TI**:(**"보청"**) OR **KO_AB**:(**"보청"**)) OR (**PT_TI**:(**"audiofone"** OR **"auxílio de audição"**) OR **PT_AB**:(**"audiofone"** OR **"auxílio de audição"**)) OR (**RU_TI**:(**"слуха протезно"**~22 OR **"прослушивания протезно"**~22 OR **"слуха спидом"**~22 OR **"слуха наведения"**~22 OR **"прослушивания спидом"**~22 OR **"прослушивания наведения"**~22 OR **"слухоулучшающих протезно"**~22 OR **"слуховой протезно"**~22 OR **"слухоулучшающих спидом"**~22) OR **RU_AB**:(**"слуха протезно"**~22 OR **"прослушивания протезно"**~22 OR **"слуха спидом"**~22 OR **"слуха наведения"**~22 OR **"прослушивания спидом"**~22 OR **"прослушивания наведения"**~22 OR **"слухоулучшающих протезно"**~22 OR **"слуховой протезно"**~22) OR **WIPO**~22 OR **WORLD INTELLECTUAL PROPERTY ORGANIZATION**~22

Supervised mode: 1 of 4 steps

Input search terms

Query [Help]

sport clothes

» Query Language: English

» Expansion Mode: Supervised

» Precision Automatic Supervised Recall

Next

Supervised mode : 2 of 4 steps

Input search terms

Query Domains [SPRT,TEXT] [Help]

[ADMN] Admin, Business, Management & Soc Sci	Add	[SPRT] Sports, Leisure, Tourism & Hospitality Ind
[AERO] Aeronautics & Aerospace Engineering		[TEXT] Textile & Clothing Industries
[AGRI] Agriculture, Fisheries & Forestry	Remove	
[AUDV] Audio, Audiovisual, Image & Video Tech		
[AUTO] Automotive & Road Vehicle Engineering		
[BLDG] Civil Engineering & Building Construction		
[CHEM] Chemical & Materials Technology		
[DATA] Computer Sci, Telecom & Broadcasting		
[ELEC] Electrical Engineering & Electronics		
[ENGY] Energy, Fuels & Heat Transfer Eng		
[ENVR] Environmental & Safety Engineering		
[FOOD] Foods & Food Technology		
[GENR] Generalities, Language, Media & Info Sci		
[HOME] Home Contents & Household Maintenance		
[HORO] Precision Mechanics, Jewelry & Horology		
[MANU] Manufacturing & Materials Handling Tech		
[MARI] Marine Engineering		
[MEAS] Standards, Units, Metrology & Testing		
[MECH] Mechanical Engineering		
[MEDI] Medical Technology		
[METL] Metallurgy		
[MLI] Military Technology		
[MINE] Mining, Oil & Gas Extraction & Minerals		
[NANO] Nano Technology		
[PACK] Packaging & Distribution of Goods		
[PRNT] Printing & Paper		
[RAIL] Railway Engineering		
[SCIE] Optical Engineering		
[TRAN] Transportation		

Expand Synonyms

Supervised mode : 3 of 4 steps

Input search terms


Term 1: clothes

Variants

Domains [SPRT,TEXT]

[Help]

>> Keep term untranslated when expanding query in other languages ☐

>> Less  More

☐ fabric

☐ clothing

☐ garment

☐ trim

☐ covered

☐ item clothing

☐ item of clothing

☐ apparel

☐ underwear

☐ undergarment

Add Variant +

Term 2: sport

Translate Selected Terms

Start Over

Supervised mode : 4 of 4 steps

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English ☒ German ☐ Spanish ☐ French ☐ Japanese ☐ Korean ☐ Portuguese ☐ Russian ☐
Chinese ☐ Italian ☐ Swedish ☐ Dutch ☐ IPC ☐

```
"sport clothes"~21 OR "sport apparel"~21 OR "sport  
garment"~21 OR "sport item of clothing"~21 OR  
"athletic clothes"~21 OR "athletic apparel"~21 OR  
"athletic garment"~21 OR "athletic item of  
clothing"~21
```

» **Field(s) you want to search:**

» **Acceptable distance between matched words:**

» **Stemming** ☒

Supervised mode: results

Results 1-10 of 463 for Criteria: (DE_AB:("Sport Kleidungsstück"~21 OR "Sport Kleidungsstücken"~21 OR "Sport Kleidung"~21 OR "Sport Kleidern"~21 OR "Sport Bekleidung"~21 OR "Sport Wäsche"~21 OR "Sport Bekleidungsstück"~21 OR "Sport clothes"~21 OR "Sport garment"~21 OR "Sport clothing"~21 OR "Sport signalgebendes Kleidungsstück"~21 OR "Sportschuhe Kleidungsstück"~21 OR "Sportschuhe Kleidungsstücken"~21 OR "Sport Garnitur"~21) OR EN_AB:("sports clothes"~21 OR "sports apparel"~21 OR "sports garment"~21 OR "sports item clothing"~21 OR "sports item of clothing"~21 OR "athletes clothes"~21 OR "athletes apparel"~21 OR "athletes garment"~21 OR "athletes item clothing"~21 OR "athletes item of clothing"~21 OR "sportive clothes"~21 OR "sportive apparel"~21 OR "sportive garment"~21 OR "sportive item clothing"~21) OR ES_AB:("ropa deportes"~22 OR "prendas deportes"~22 OR "vestir deportes"~22 OR "vestimenta deportes"~22 OR "ropa atlético"~22 OR "ropa gimnasia"~22 OR "prendas atlético"~22 OR "ropa artículo de deporte"~22 OR "ropa calzados la práctica"~22 OR "prendas gimnasia"~22 OR "vestir atlético"~22 OR "vestimenta atlético"~22 OR "ropa calzados para la práctica"~22 OR "prendas artículo de deporte"~22) OR FR_AB:("vêtements sport"~22 OR "linge sport"~22 OR "vêtements sportif"~22 OR "habillement sport"~22 OR "habillement sportif"~22 OR "vêtements athlètes"~22 OR "article habillement sport"~22 OR "linge article sport"~22 OR "habillement sportif"~22 OR "habillement sportif"~22 OR "linge athlètes"~22) OR IT_AB:("sport abbigliamento"~22 OR "sportive abbigliamento"~22 OR "sport biancheria"~22 OR "sport indumenti"~22 OR "sport vestiario"~22 OR "sportive biancheria"~22 OR "sportive indumenti"~22 OR "sportive vestiario"~22 OR "sport abiti"~22 OR "sport panni"~22 OR "sport asciugabiancheria"~22 OR "sport capi"~22 OR "sportive abiti"~22 OR "sportive panni"~22) OR JA_AB:("スポーツ 衣類"~22 OR "スポーツ の衣"~22 OR "スポーツ 衣料"~22 OR "スポーツ 衣類"~22 OR "スポーツ バックル"~22 OR "運動 衣類"~22 OR "運動 の衣"~22 OR "運動 衣料"~22 OR "運動 衣類"~22 OR "運動 バックル"~22 OR "スポーツ 被服"~22 OR "競技 衣類"~22 OR "競技 の衣"~22 OR "運動 被服"~22) OR KO_AB:("의류 스포츠"~22 OR "의류 운동"~22 OR "의류 스포츠진발"~22 OR "의류 스포츠용"~22 OR "의복 스포츠"~22 OR "의복 운동"~22 OR "의복 스포츠진발"~22 OR "가먼트 스포츠"~22 OR "의류 운동화"~22 OR "가먼트 운동"~22 OR "의복 스포츠용"~22 OR "가먼트 스포츠진발"~22 OR "가먼트 스포츠용"~22 OR "는 스포츠"~22) OR NL_AB:("sport kledingstukken"~22 OR "een kledingstukken"~22 OR "sport wasdroger"~22 OR "een wasdroger"~22 OR "installatie kledingstukken"~22 OR "sport kledij"~22 OR "een kledij"~22 OR "doel kledingstukken"~22 OR "installatie wasdroger"~22 OR "doel wasdroger"~22 OR "installatie kledij"~22 OR "doel kledij"~22) OR PT_AB:("roupas esportivo"~22 OR "roupas desportivos"~22 OR "vestuário esportivo"~22 OR "vestuário desportivos"~22 OR "roupas raquetes"~22 OR "vestuário raquetes"~22 OR "roupas exibição atlético"~22 OR "vestuário exibição atlético"~22 OR "guarnição esportivo"~22 OR "guarnição desportivos"~22 OR "guarnição raquetes"~22 OR "roupas vestimenta esportiva os pés"~22 OR "roupas deles"~22 OR "guarnição exibição atlético"~22) OR RU_AB:("спортивного одежды"~22 OR "занятий одежды"~22 OR "ботинкадля одежды"~22 OR "спортивного одежды"~22 OR "спортсменоб одежды"~22 OR "спортивных одежды"~22 OR "полозом одежды"~22 OR "спорта одежды"~22 OR "спортивного одежды"~22 OR "занятий одежды"~22 OR "спортивного одежды"~22 OR "единоборцев одежды"~22 OR "спортивного гарнитуры"~22 OR "занятий гарнитуры"~22) OR SV_AB:("sportskor kläder"~22 OR "sporter kläder"~22 OR "idrottsgrenar kläder"~22 OR "squash kläder"~22 OR "sportskor klädesplagg"~22 OR "sportskor arbetsplagg"~22 OR "sporter klädesplagg"~22 OR "sporter arbetsplagg"~22 OR "idrottsgrenar klädesplagg"~22 OR "idrottsgrenar arbetsplagg"~22 OR "sportskor klädsel"~22 OR "sporter klädsel"~22 OR "idrottsgrenar klädsel"~22 OR "sportskor kledesplagg"~22) OR ZH_AB:("运动 衣物"~22 OR "运动 服装"~22 OR "运动 衣服"~22 OR "运动 换"~22 OR "运动 具"~22 OR "竞技 衣物"~22 OR "竞技 服装"~22 OR "体育 衣物"~22 OR "体育 服装"~22 OR "竞技 衣服"~22 OR "体育 衣服"~22 OR "运动 布"~22 OR "竞技 换"~22 OR "竞技 具"~22)) AND ICF:(A41 OR A43 OR A44B OR A63 OR B68 OR D0? OR F26 OR F41B) Office(s):all Language:EN Stemming:true

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Refine Search

(DE_AB:("Sport Kleidungsstück"~21 OR "Sport

Search



Query Tree

PROPERTY

Search examples: clothes for sport

- Entering **“sports clothes”** in the *Simple search* interface will return 11 results
- Entering **“sports clothes”** in the CLIR interface (in automatic mode) will return 791 results
- Entering **“sports clothes”** in the CLIR interface (in supervised mode) will return 455 results

Reading the result list

Results 1-10 of 18,902,862 for Criteria: Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page:1 / 1890287 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	WO/2013/030466 - DEVICE FOR MEASURING A DURATION OF A LEVEL OF AN ELECTRICAL SIGNAL	07.03.2013	G01R 29/02	PCT/FR2011/051978	CRFTECH	CANARD, David
<p>The invention relates to a device for measuring a duration of a level of an electrical signal. The device comprises: a first ring oscillator consisting of inverting gates whose electrical power supply is modulated by the electrical signal, a second ring oscillator whose electrical power supply is not modulated by the electrical signal, means for counting the total number of transitions from gate to gate of a point of instability of the first ring oscillator, means for counting the total number of transitions from gate to gate of a point of instability of the second ring oscillator, means for determining the duration of the level of the electrical signal on the basis of the values of the counting means.</p>							
2.	WO	WO/2013/029213 - ALIGNMENT FILM DRYING SYSTEM AND DRYING METHOD	07.03.2013	G02F 1/1337	PCT/CN2011/077952	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.	YAN, Maocheng
<p>An alignment film drying system and a drying method. The alignment film drying system is used for drying an alignment liquid applied on a substrate (201). The alignment film drying system comprises a magnetron (204). The alignment liquid is applied on one side, facing the magnetron (204), of the substrate (201). The magnetron (204) is used for performing electromagnetic wave heating on the alignment liquid, so that the alignment liquid is formed into an alignment film having the even thickness, thereby ensuring the display effect of a liquid crystal display.</p>							
3.	WO	WO/2013/032041 - METHOD FOR MEASURING DISTANCE, HEIGHT, AND LENGTH USING A MOBILE COMMUNICATION TERMINAL	07.03.2013	G01C 3/06	PCT/KR2011/006339	RYOO, Min-kyu	RYOO, Min-kyu
<p>The present invention relates to a method for measuring the distance, height, and length of a subject to be measured using a mobile communication terminal (smart phone or cellular phone). According to the present invention, a method for measuring the distance to a point to be measured using a mobile communication terminal having a sensor and a camera is disclosed, the method comprising the steps of: (a) obtaining the height from the mobile communication terminal to the ground when starting measuring; (b) capturing an image of the ground of a distance-measured subject as a measured point using the camera; (c) measuring an included angle perpendicular to the ground and the measured point captured on the basis of the mobile communication terminal through the sensor; and (d) calculating the distance to the measured point using a trigonometric function on the basis of the measured included angle and the obtained height.</p>							
4.	WO	WO/2013/032421 - ORGANIC RESIN LAMINATE, METHODS OF MAKING AND USING THE SAME, AND ARTICLES COMPRISING THE SAME	07.03.2013	B23B 27/00	PCT/AUS2011/049300	EXATEC LLC	HIGUCHI, Koichi
<p>An organic resin laminate comprising an organic resin substrate and a multilayer coating system thereon has weather resistance and mar resistance. The multilayer coating system includes an outermost layer (I) which is a hard film resulting from plasma polymerization of an organosilicon compound and an intermediate layer (II) which is a cured film of a composite coating composition (2) comprising inorganic oxide nanoparticle and vinyl copolymer.</p>							
5.	WO	WO/2013/029644 - METHOD OF DETERMINING THE SHAPE OF A SURGICAL INSTRUMENT AND SURGICAL INSTRUMENT HAVING A DEFORMABLE BODY	07.03.2013	A61B 19/00	PCT/EP2011/064689	BRAINLAB AG	BIRKENBACH, Rainer
<p>The present invention relates to a method for determining the spatial position and the shape of a surgical instrument (1) having a deformable body (2), said method comprising the steps of: - providing an elasticity model of the surgical instrument (1); - defining at least one parameter which influences the shape of the instrument (1); - determining the spatial position and/or orientation of at least one tracking sensor (3) of the surgical instrument (1); - determining the value of the at least one</p>							

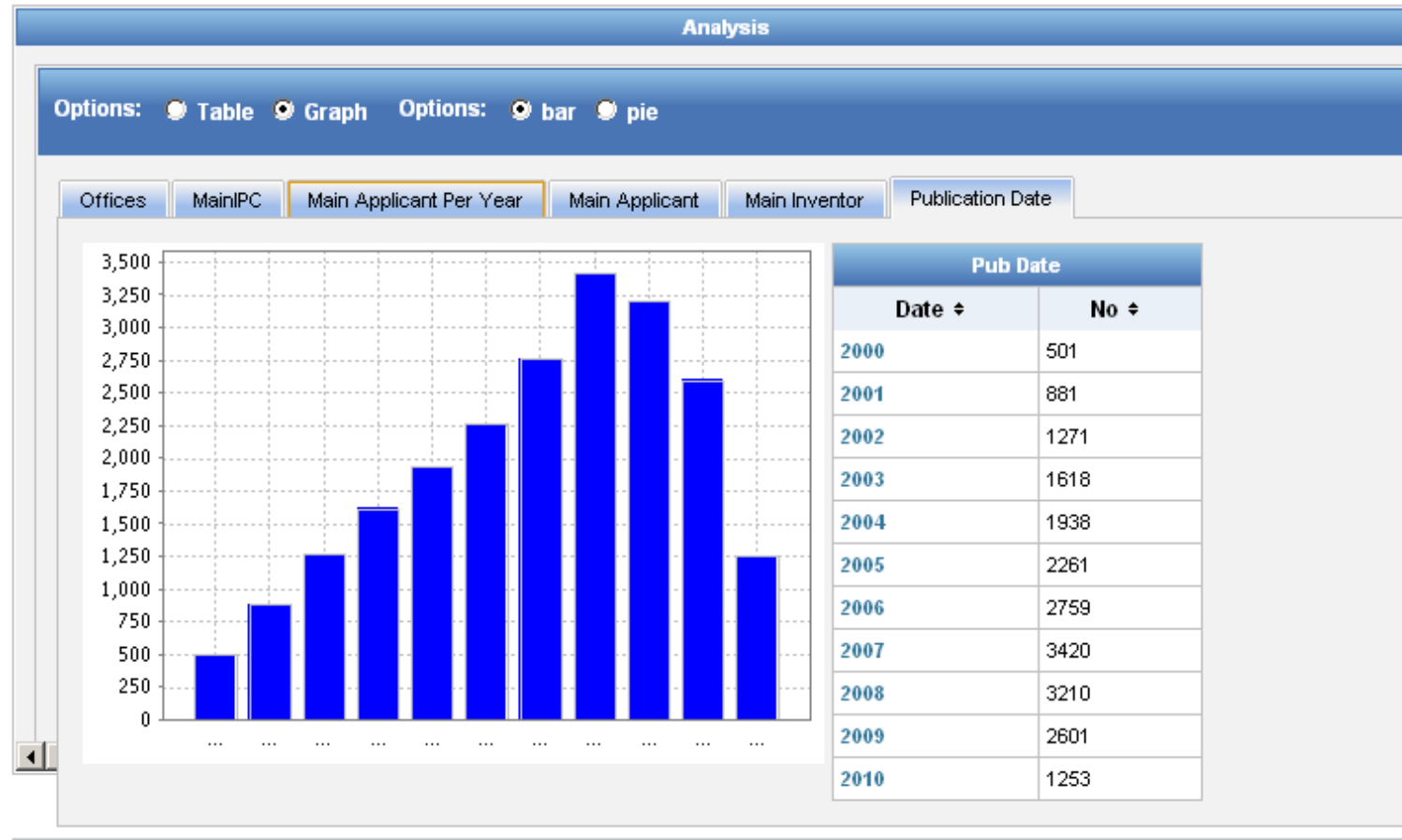
Analysis

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Countries		Main IPC		Main Applicant		Main Inventor		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
Japan	7754518	G06F	675501	SAMSUNG ELECTRONICS CO., LTD.	151771	Квасенков Олег Иванович (RU)	7037	2003	805378
European Patent Office	2562524	A61K	652894			UGAWA SHOHACHI	5578	2004	879801
PCT	2201550	H01L	622921	MATSUSHITA ELECTRIC IND CO LTD	148864	Kvasenkov Oleg Ivanovich (RU)	4878	2005	899468
Republic of Korea	1739058	H04N	386553	CANON INC	123841	OKADA KAZUO	2927	2006	940015
Russian Federation (USSR data)	1407985	G01N	339536	LG ELECTRONICS INC.	104316	ICHIHARA TAKAAKI	3917	2007	950782
Spain	1395176	A61B	270885	SONY CORP	103292	Kvasenkov O.I.	2652	2008	964002
Brazil	524699	C07D	270194	TOSHIBA CORP	101434	YAMAZAKI SHUNPEI	2615	2009	940175
Russian Federation	488061	G11B	263627	HITACHI LTD	89084			2010	870278
Mexico	216229	H04L	257557	SEIKO EPSON CORP	86308	Avtory izobretenii	2526	2011	816113
Israel	170128	B65D	237735	RICOH CO LTD	79976	アルバート・グレニアー	2340	2012	741514
Argentina	133023			MITSUBISHI ELECTRIC	75914			2013	125415

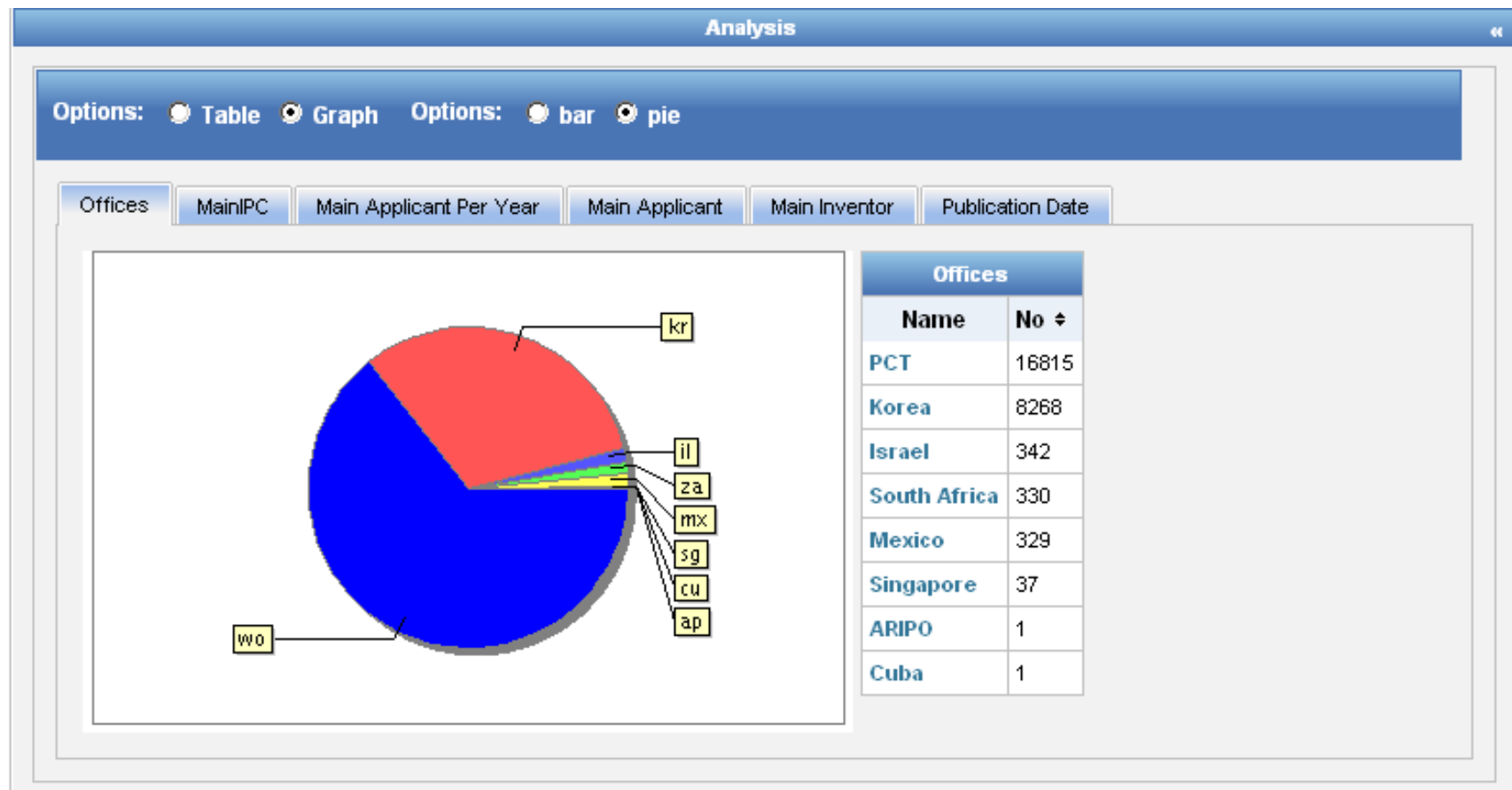
Sort by: Pub Date Desc View All List Length 10							
No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	WO	WO/2013/030466 - DEVICE FOR MEASURING A DURATION OF A LEVEL OF AN ELECTRICAL SIGNAL	07.03.2013	G01R 29/02	PCT/FR2011/051978	CRFTECH	CANARD, David
<p>The invention relates to a device for measuring a duration of a level of an electrical signal. The device comprises: a first ring oscillator consisting of inverting gates whose electrical power supply is modulated by the electrical signal, a second ring oscillator whose electrical power supply is not modulated by the electrical signal, means for counting the total number of transitions from gate to gate of a point of instability of the first ring oscillator, means for counting the total number of transitions from gate to gate of a point of instability of the second ring oscillator, means for determining the duration of the level of the electrical signal on the basis of the values of the counting means.</p>							
2.	WO	WO/2013/029213 - ALIGNMENT FILM DRYING SYSTEM AND DRYING METHOD	07.03.2013	G02F 1/1337	PCT/CN2011/077952	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.	YAN, Maocheng
<p>An alignment film drying system and a drying method. The alignment film drying system is used for drying an alignment liquid applied on a substrate (201). The alignment film drying system comprises a magnetron (204). The alignment liquid is applied on one side, facing the magnetron (204), of the substrate (201). The magnetron (204) is used for performing electromagnetic wave heating on the alignment liquid, so that the alignment liquid is formed into an alignment film having the</p>							

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Options

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Tabs

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3. (WO2013051123) CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

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Pub. No.: WO/2013/051123 **International Application No.:** PCT/JP2011/073044
Publication Date: 11.04.2013 **International Filing Date:** 06.10.2011
Chapter 2 Demand Filed: 10.05.2012

IPC: *F02M 55/02* (2006.01) [?](#)

Applicants: **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP) *(For All Designated States Except US).*
TOKUDA, Takeshi [JP/JP]; (JP) *(For US Only)*

Inventors: **TOKUDA, Takeshi**; (JP)

Agent: **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 5008731 (JP)

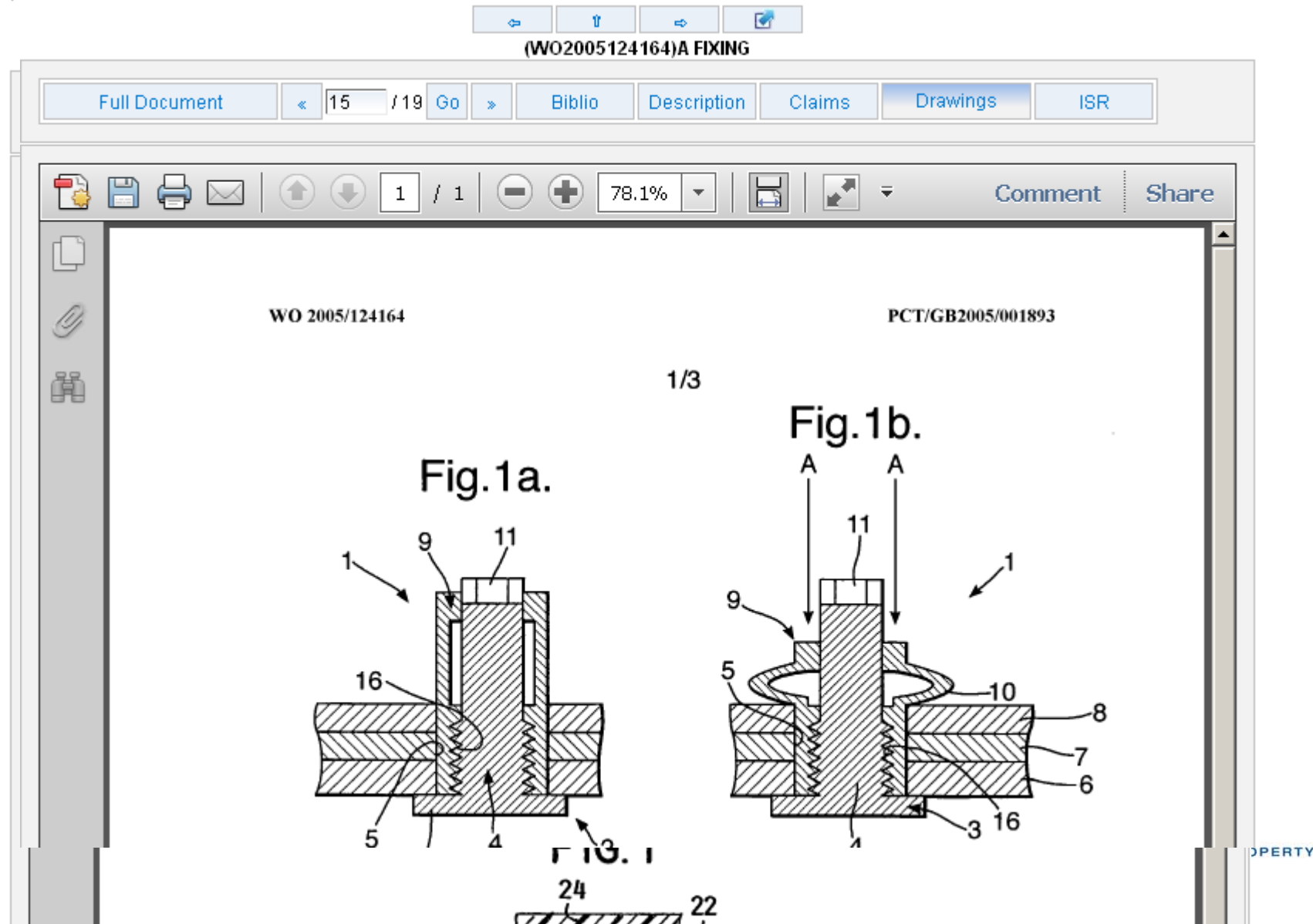
Priority Data:

Title
(EN) CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE
(FR) DISPOSITIF DE COMMANDE POUR MOTEUR À COMBUSTION INTERNE
(JA) 内燃機関の制御装置

Abstract: (EN) The required fuel supply amount of an internal combustion engine is reduced by limiting the throttle opening when a high-pressure fuel pump is required to discharge fuel equal to or above the fuel discharge capacity thereof. Further, when the throttle opening is limited (S100: YES), the operation of a return valve through which fuel and vapor thereof can be discharged



Documents tab



PDFs

(WO2013030466) DEVICE FOR MEASURING A DURATION OF A LEVEL OF AN ELECTRICAL SIGNAL

Full Document < 1 / 22 Go > Biblio Description Claims Drawings ISR ISR

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(12) DEMANDE INTERNATIONALE PUBLIÉE EN VERTU DU TRAITÉ DE COOPÉRATION EN MATIÈRE DE BREVETS (PCT)

(19) Organisation Mondiale de la Propriété Intellectuelle
Bureau international

(43) Date de la publication internationale
7 mars 2013 (07.03.2013)

(10) Numéro de publication internationale
WO 2013/030466 A1

WIPO | PCT

(51) Classification internationale des brevets :
G01R 29/02 (2006.01)

(21) Numéro de la demande internationale :
PCT/FR2011/051978

(22) Date de dépôt international :
29 août 2011 (29.08.2011)

(25) Langue de dépôt : français

(26) Langue de publication : français

(71) Déposant (pour tous les États désignés sauf US) : CRF-TECH [FR/FR]; 2 rue Jean Perrin, F-14460 Colombelles (FR).

(72) Inventeurs; et

(75) Inventeurs/Déposants (pour US seulement) : CANARD, David [FR/FR]; C/o Crftech, 2 rue Jean Perrin, F-14460 Colombelles (FR). LECUYER, Matthieu [FR/FR]; C/O CRFTECH, 2 rue Jean Perrin, F-14460 Colombelles (FR).

(74) Mandataire : MAILLET, Alain; Cabinet LE GUEN MAILLET, B.P 70250, 5 place Newquay, F-35802 Dinard Cedex (FR).

(81) États désignés (sauf indication contraire, pour tout titre de protection nationale disponible) : AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

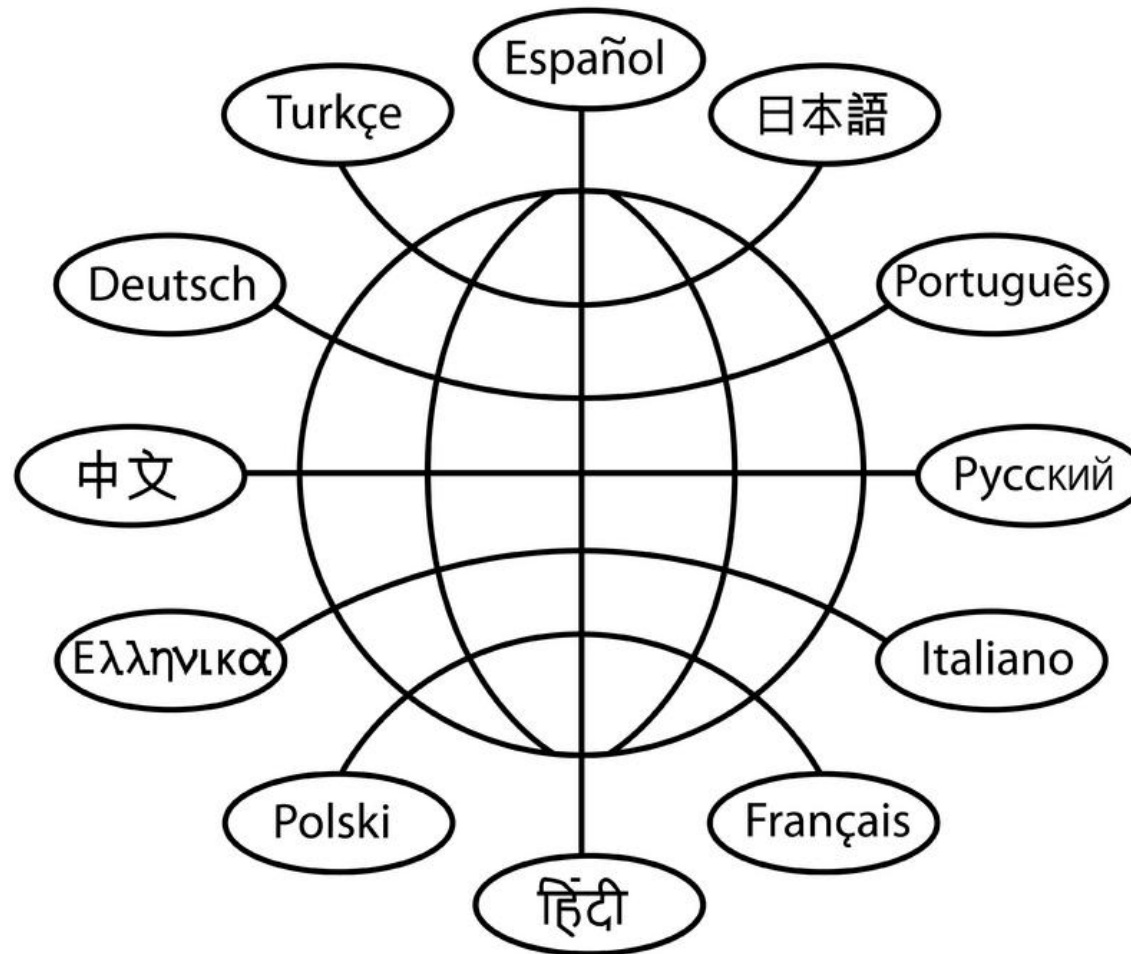
(84) États désignés (sauf indication contraire, pour tout titre de protection régionale disponible) : ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), eurasién (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), européen (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publiée :
— avec rapport de recherche internationale (Art. 21(3))



(54) Title : DEVICE FOR MEASURING A DURATION OF A LEVEL OF AN ELECTRICAL SIGNAL

(54) Titre : DISPOSITIF DE MESURE D'UNE DURÉE D'UN NIVEAU D'UN SIGNAL ÉLECTRIQUE

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32 Technical domains from the IPC



[ADMN] Admin, Business, Management & Soc Sci	[MARI] Marine Engineering
[AERO] Aeronautics & Aerospace Engineering	[MEAS] Standards, Units, Metrology & Testing
[AGRI] Agriculture, Fisheries & Forestry	[MECH] Mechanical Engineering
[AUDV] Audio, Audiovisual, Image & Video Tech	[MEDI] Medical Technology
[AUTO] Automotive & Road Vehicle Engineering	[METL] Metallurgy
[BLDG] Civil Engineering & Building Construction	[MILI] Military Technology
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[DATA] Computer Sci, Telecom & Broadcasting	[NANO] Nano Technology
[ELEC] Electrical Engineering & Electronics	[PACK] Packaging & Distribution of Goods
[ENGY] Energy, Fuels & Heat Transfer Eng	[PRNT] Printing & Paper
[ENVR] Environmental & Safety Engineering	[RAIL] Railway Engineering
[FOOD] Foods & Food Technology	[SCIE] Optical Engineering
[GENR] Generalities, Language, Media & Info Sci	[SPRT] Sports, Leisure, Tourism & Hospitality
[HOME] Home Contents & Household Maintenance	[TEXT] Textile & Clothing Industries
[HORO] Precision Mechanics, Jewelry & Horology	[TRAN] Transportation
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Disque de frein pour matériel roulant ferroviaire destiné à être rendu solidaire d'une roue à freiner, et à coopérer en freinage avec une garniture, constituée d'un matériau composite, montée sur une mâchoire mobile et susceptible d'être mise en contact avec le disque par l'intermédiaire de moyens de commande, caractérisé en ce que le disque se subdivise en trois secteurs identiques, chacun d'eux comportant, sur sa face interne (6), opposée à celle de freinage, des éléments de rigidification constitués par des nervures (8) dirigées, de manière régulière, à la fois dans un sens radial et dans un sens concentrique, par rapport à

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Source text:

Disque de frein pour matériel roulant ferroviaire destiné à être rendu solidaire d'une roue à freiner, et à coopérer en freinage avec une garniture, constituée d'un matériau composite, montée sur une mâchoire mobile et susceptible d'être mise en contact avec le disque par l'intermédiaire de moyens de commande, caractérisé en ce que le disque se subdivise en trois secteurs identiques, chacun d'eux comportant, sur sa face interne (6), opposée à celle de freinage, des éléments de rigidification constitués par des nervures (8) dirigées, de manière régulière, à la fois dans un sens radial et dans un sens concentrique, par rapport à l'axe de la roue.

Language pair: French->English

Domain: Mechanical Engineering

Translate

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Brake disc for railway rolling stock to be made integral with a wheel to be braked, and to co-operate with a brake lining, made of a composite material, mounted on a movable jaw and which can be brought into contact with the disk by the control means, characterised in that the disc is divided into three identical sectors, each of them having, on its inner surface (6), opposite to that of the brake, stiffening elements formed by ribs (8) directed, in a regular manner, both in a radial direction and in a concentric direction, relative to the axis of the wheel.

Disque de frein pour matériel roulant ferroviaire destiné à être rendu solidaire d'une roue à freiner, et à coopérer en freinage avec une garniture, constituée d'un matériau composite, montée sur une mâchoire mobile et susceptible d'être mise en contact avec le disque par l'intermédiaire de moyens de commande, caractérisé en ce que le disque se subdivise en trois secteurs identiques, chacun d'eux comportant, sur sa face interne(6), opposée à celle de freinage, des éléments de rigidification constitués par des nervures(8) dirigées, de manière régulière, à la fois dans un sens radial et dans un sens concentrique, par rapport à l'axe de la roue.

Edit translation

Brake disc for railway rolling stock to be made integral with a wheel to be braked , and to co-operate with a brake lining , made of a composite material , mounted on a movable jaw and which can be brought into contact with the disk by the control means , characterised in that the disc is divided into three identical sectors , each of them having, on its inner surface (6) , opposite to that of the brake , **stiffening elements formed by ridges** (8) directed, in a regular manner , both in a radial direction and in a concentric direction , relative to the axis of the wheel

Disque de frein pour matériel roulant ferroviaire destiné à être rendu solidaire d'une roue à freiner, et à coopérer en freinage avec une garniture, constituée d'un matériau composite, montée sur une mâchoire mobile et susceptible d'être mise en contact avec le disque par l'intermédiaire de moyens de commande, caractérisé en ce que le disque se subdivise en trois secteurs identiques, chacun d'eux comportant, sur sa face interne(6) , opposée à celle de freinage, **des éléments de rigidification constitués par des nervures**(8) dirigées, de manière régulière, à la fois dans un sens radial et dans un sens concentrique, par rapport à l'axe de la roue

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stiffening elements formed by ribs

Ok

stiffening elements formed by ribs

stiffening elements **consisting of** ribs

stiffening elements formed by **the** ribs

stiffening elements **constituted** by ribs

stiffening elements **are** formed by ribs

stiffening elements formed by **ridges**

stiffening **means consisting of** ribs

stiffening elements **made** by ribs

stiffening **means** formed by ribs

stiffening elements **and consisting of** ribs

of stiffening elements formed by ribs

stiffening elements **constituted by the** ribs

of stiffening elements **consisting of** ribs

elements consisting of ribs

stiffening elements **consist of** ribs

stiffening **means constituted** by ribs

stiffening elements **are formed by the** ribs

stiffening elements **comprised** by ribs

elements formed by ribs

stiffening elements **consisting of the** ribs

of reinforcing elements consisting of ribs

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Language pair: French->English

Domain: Mechanical Engineering

[Translate](#)

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Brake disc for railway rolling stock to be made integral with a wheel to be braked , and to co-operate with a brake lining , made of a composite material , mounted on a movable jaw and which can be brought into contact with the disk by actuating means , characterised in that the disc is divided into three identical sectors , each of them having, on its inner surface (6) , opposite to that of the brake , stiffening elements formed by ridges (8) directed, in a regular manner , both in a radial direction and in a concentric direction , relative to the axis of the wheel

Disque de frein pour matériel roulant ferroviaire destiné à être rendu solidaire d'une roue à freiner, et à coopérer en freinage avec une garniture, constituée d'un matériau composite, montée sur une mâchoire mobile et susceptible d'être mise en contact avec le disque par l'intermédiaire de moyens de commande, caractérisé en ce que le disque se subdivise en trois secteurs identiques, chacun d'eux comportant, sur sa face interne(6) , opposée à celle de freinage, des éléments de rigidification constitués par des nervures(8) dirigées, de manière régulière, à la fois dans un sens radial et dans un sens concentrique, par rapport à l'axe de la roue

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