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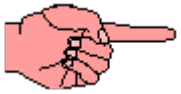
Technique for Accessing Database
- PATENTSCOPE -

Tokyo, Japan
February 27 – March 1

Ken-Ichiro NATSUME
Head, WIPO Japan Office

Agenda



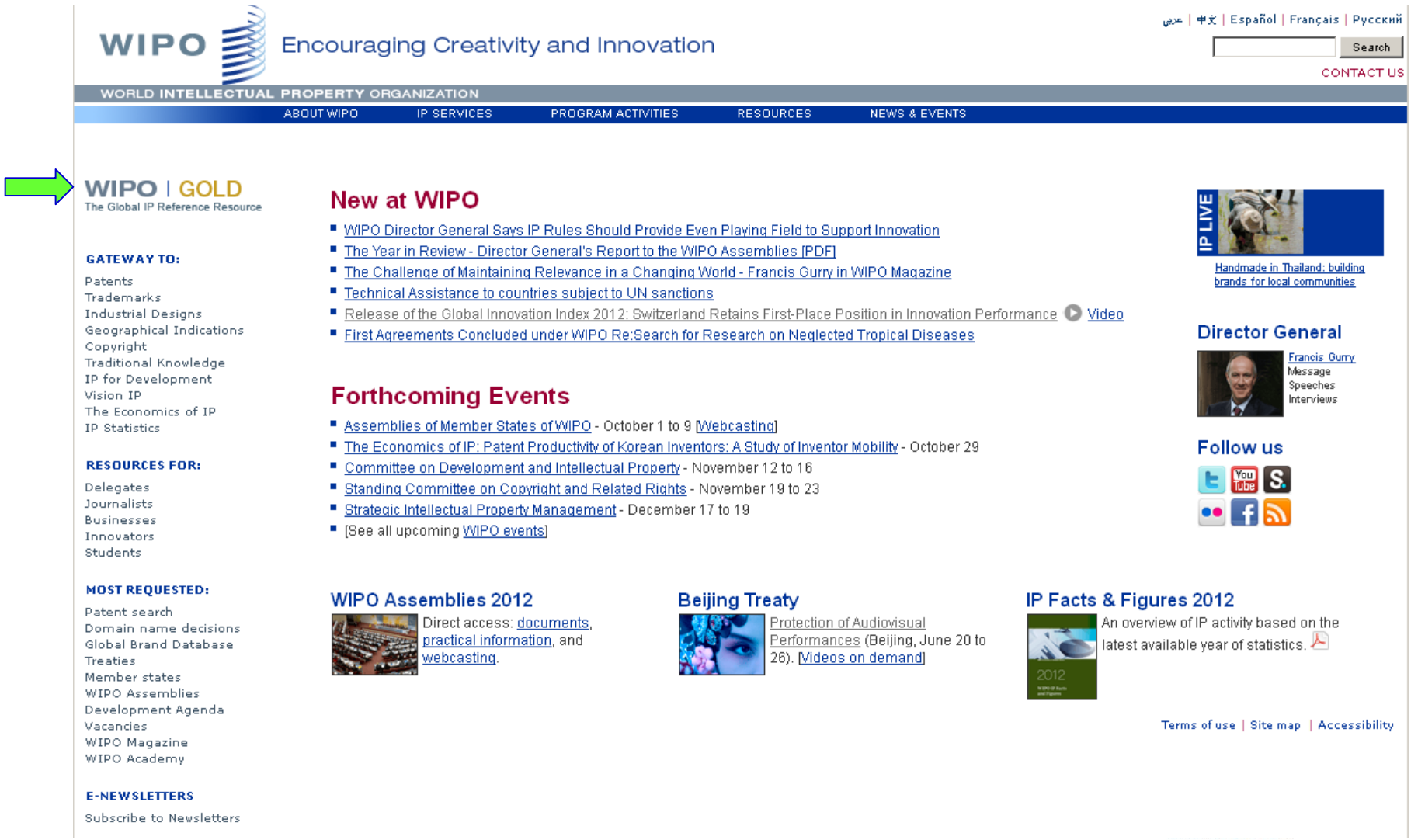
- PATENTSCOPE: a quick introduction
- Pursuing a global coverage
- Efforts to break the language barrier
- What's new?

PATENTSCOPE: a quick introduction

- WIPO's Global Patent Database
- Legal publication vehicle for international applications filed under the PCT
- 30 national collections and growing
- Free system on the internet
- New URL: patentscope.wipo.int
- Powerful search capabilities

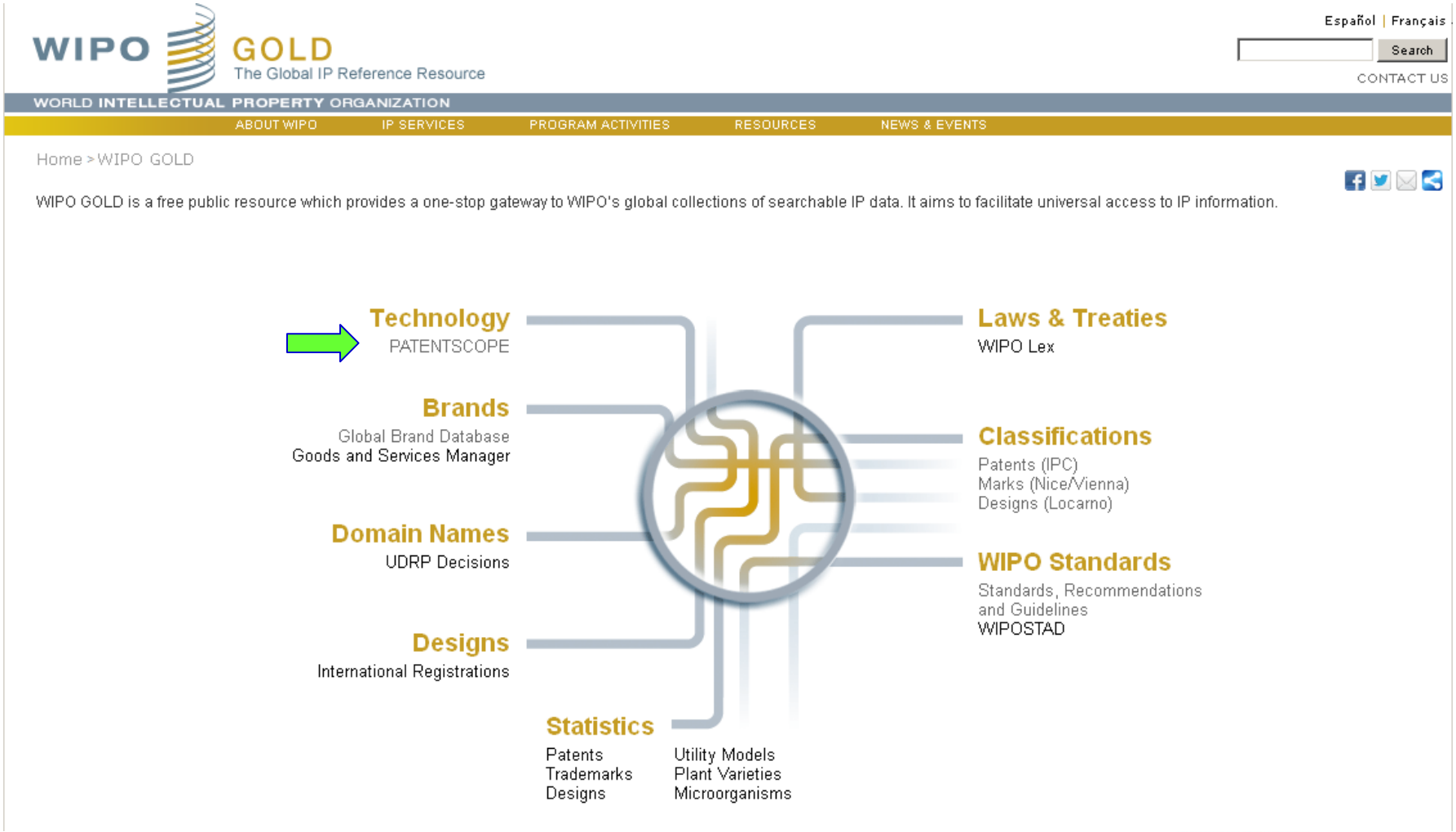
PATENTSCOPE: a quick introduction

www.wipo.int

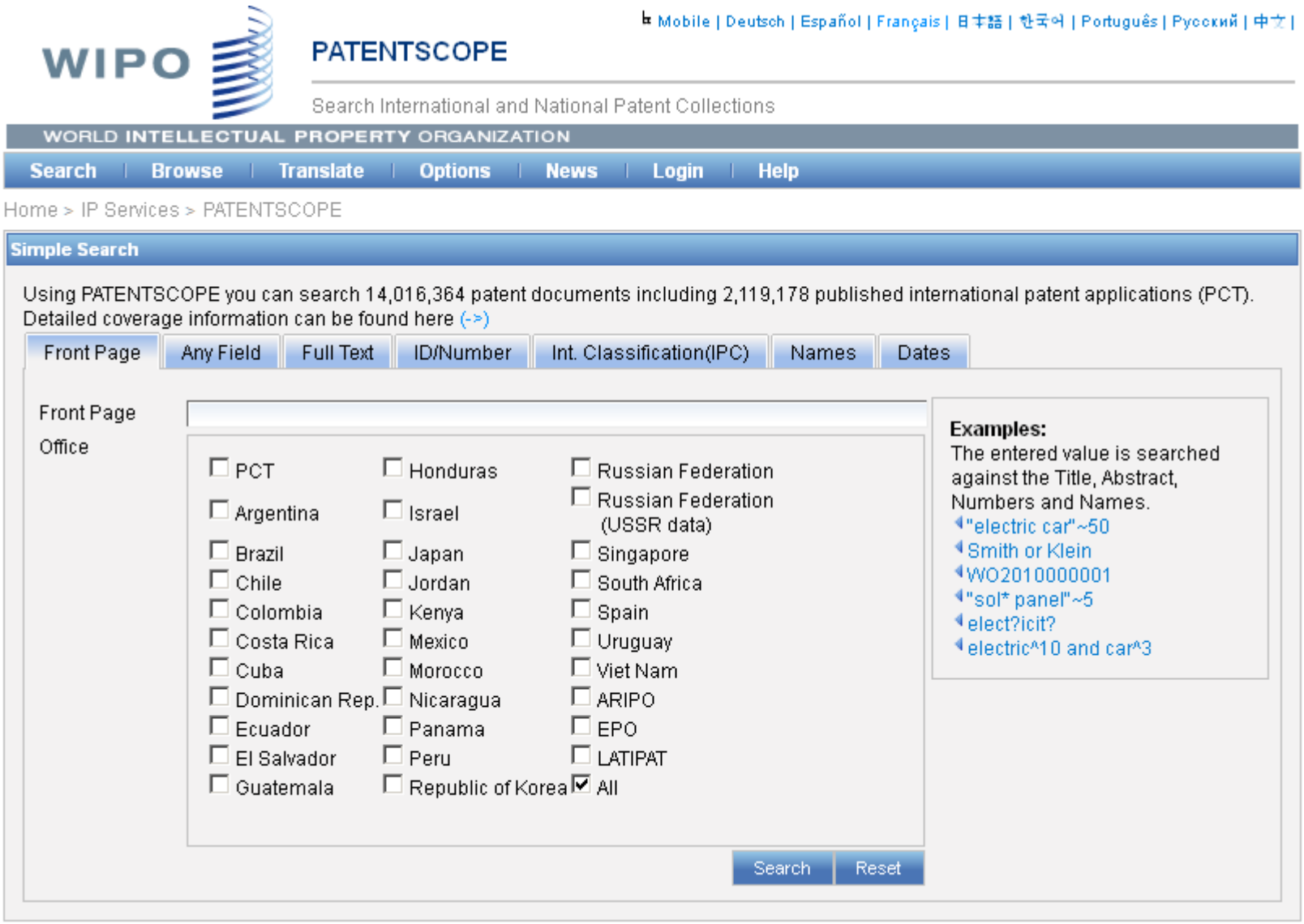


PATENTSCOPE: a quick introduction

www.wipo.int/wipogold/en



PATENTSCOPE: a quick introduction



Agenda

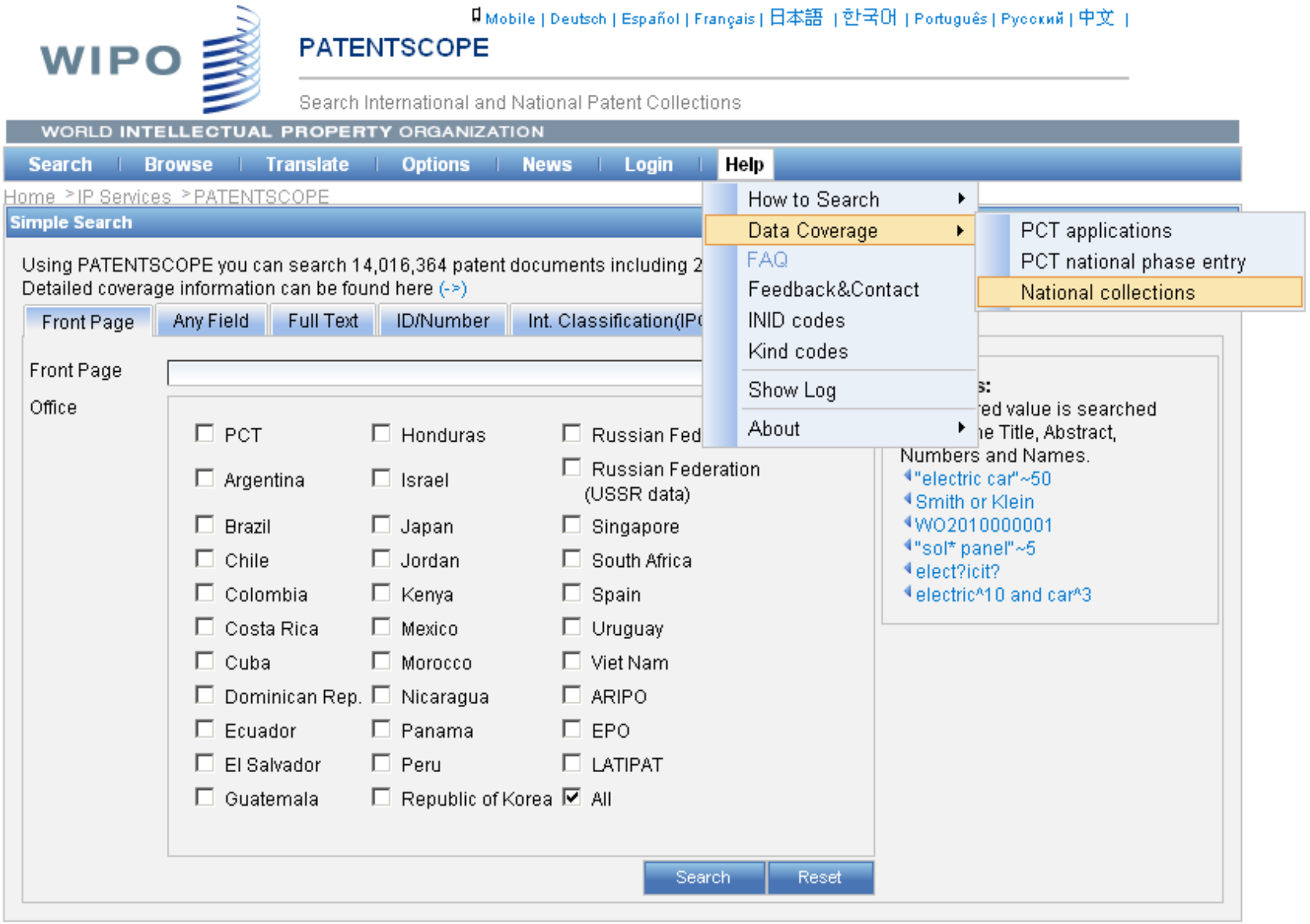
- PATENTSCOPE: a quick introduction
- Pursuing a global coverage
- Efforts to break the language barrier
- What's new?

Pursuing a global coverage

Today's situation:

- 30 national/regional collections
- 14 million biblio records
- 8.2 million full text records

Data coverage updated weekly

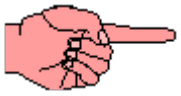


National Collections - Data Coverage

Last Update:2013-02-13

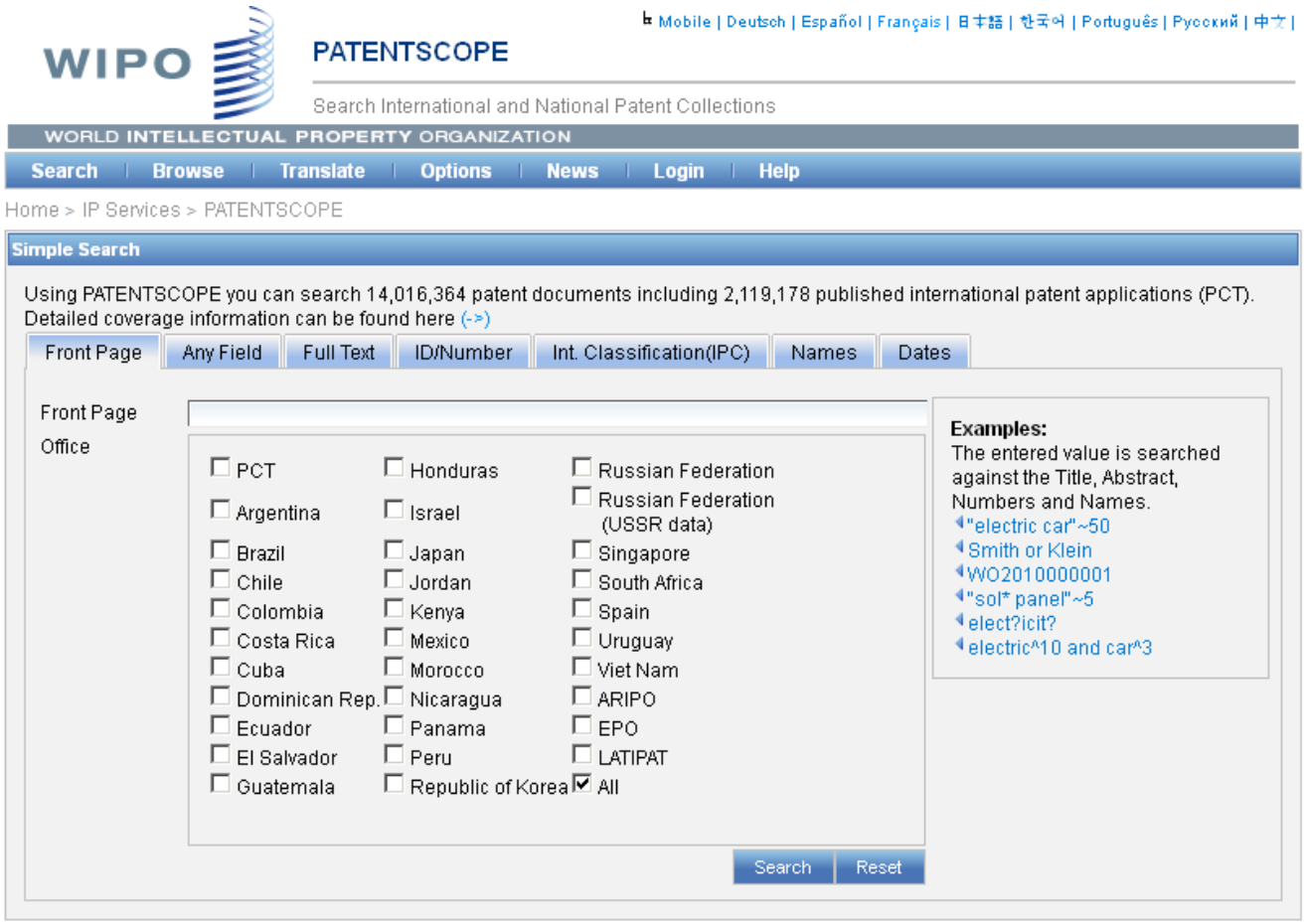
Country	Biblio Data	Abstract	Doc images	OCR (full-text) Indexed	Nb records	Note
PCT	20.10.1978 - 15.02.2013	20.10.1978 - 15.02.2013	2191041	Total records: 2186238 English: 1413801 French: 86130 Spanish: 15351 German: 267679 Korean: 22313 Japanese: 309908 Chinese: 57434 Russian: 12584 Portuguese: 1038	2191041	
Argentina	12.02.1965 - 30.08.2012	01.11.1990 - 30.08.2012			128064	
Brazil	26.04.1972 - 23.03.2012	26.04.1989 - 23.03.2012	207769	Total records: 206716 Portuguese: 206716	524699	
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 - 01.09.2012	03.10.0108 - 01.09.2012			6707	
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 - 01.08.2012	17.07.2000 - 01.06.2012	103050	Total records: 90838 English: 90838	167556	
Japan	09.01.1993 - 07.09.2012	09.01.1993 - 07.09.2012		Total records: 6895764 Japanese: 6895764	7580935	
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	13630	

Agenda

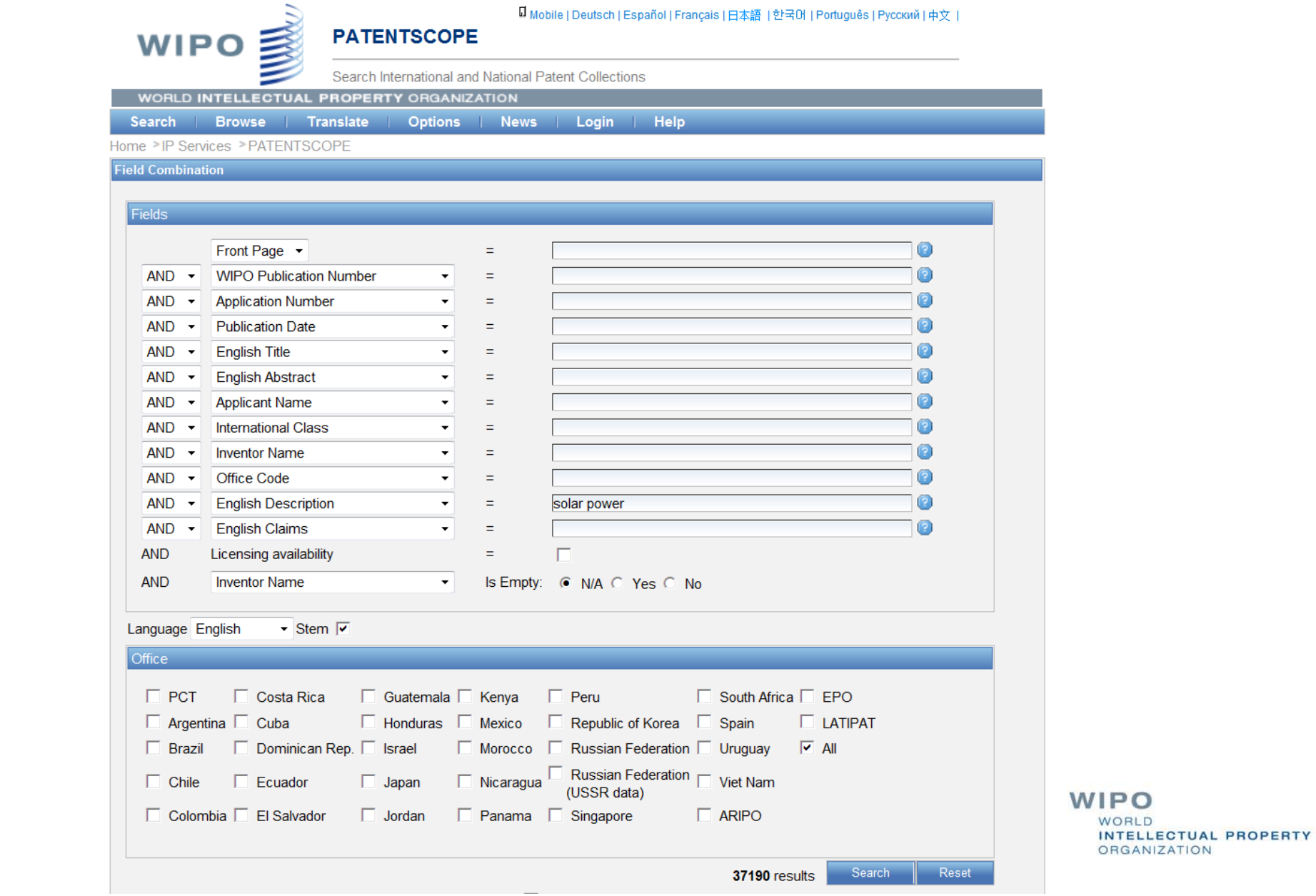
- PATENTSCOPE: a quick introduction
- Pursuing a global coverage
-  Efforts to break the language barrier
- What's new?

Breaking the language barrier

9 Interface languages:
Deutsch |English|Español |Français |日本語 | 한국어 |Português | Р у с с к и й |中文 |



PATENTSCOPE



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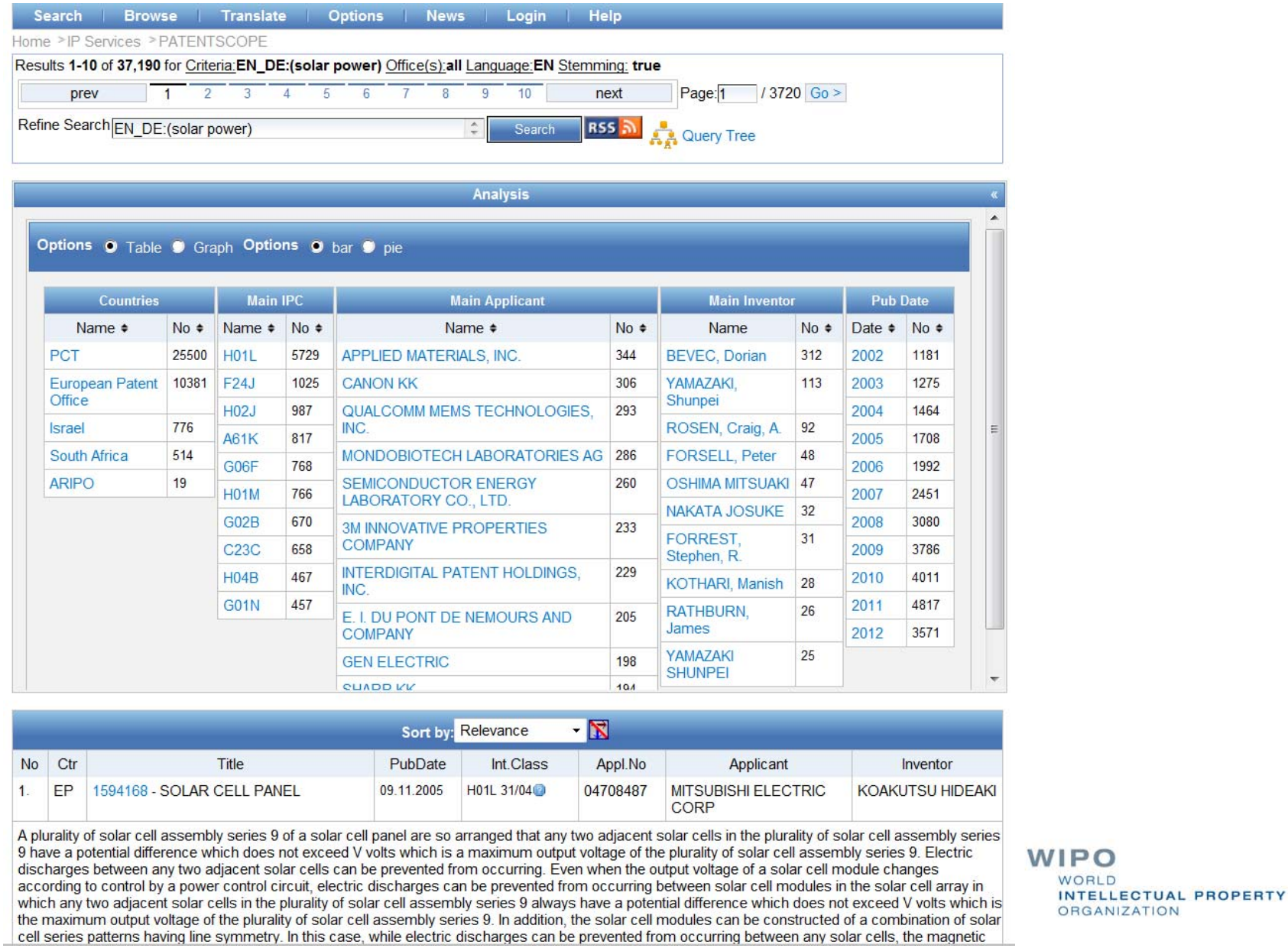

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Home > IP Services > PATENTSCOPE

Results **1-10** of **37,190** for Criteria:**EN_DE:(solar power)** Office(s):**all** Language:**EN** Stemming: **true**

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 3720 Go >

Refine Search EN_DE:(solar power) Search RSS Query Tree

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
PCT	25500	H01L	5729	APPLIED MATERIALS, INC.	344	BEVEC, Dorian	312	2002	1181
European Patent Office	10381	F24J	1025	CANON KK	306	YAMAZAKI, Shunpei	113	2003	1275
Israel	776	H02J	987	QUALCOMM MEMS TECHNOLOGIES, INC.	293	ROSEN, Craig, A.	92	2004	1464
South Africa	514	A61K	817	MONDOBIOTECH LABORATORIES AG	286	FORSELL, Peter	48	2005	1708
ARIPO	19	G06F	768	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	260	OSHIMA MITSUAKI	47	2006	1992
		H01M	766	3M INNOVATIVE PROPERTIES COMPANY	233	NAKATA JOSUKE	32	2007	2451
		G02B	670	INTERDIGITAL PATENT HOLDINGS, INC.	229	FORREST, Stephen, R.	31	2008	3080
		C23C	658	E. I. DU PONT DE NEMOURS AND COMPANY	205	KOTHARI, Manish	28	2009	3786
		H04B	467	GEN ELECTRIC	198	RATHBURN, James	26	2010	4011
		G01N	457	SHARP KK	194	YAMAZAKI SHUNPEI	25	2011	4817
								2012	3571

Sort by: Relevance

No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	EP	1594168 - SOLAR CELL PANEL	09.11.2005	H01L 31/04	04708487	MITSUBISHI ELECTRIC CORP	KOAKUTSU HIDEAKI

A plurality of solar cell assembly series 9 of a solar cell panel are so arranged that any two adjacent solar cells in the plurality of solar cell assembly series 9 have a potential difference which does not exceed V volts which is a maximum output voltage of the plurality of solar cell assembly series 9. Electric discharges between any two adjacent solar cells can be prevented from occurring. Even when the output voltage of a solar cell module changes according to control by a power control circuit, electric discharges can be prevented from occurring between solar cell modules in the solar cell array in which any two adjacent solar cells in the plurality of solar cell assembly series 9 always have a potential difference which does not exceed V volts which is the maximum output voltage of the plurality of solar cell assembly series 9. In addition, the solar cell modules can be constructed of a combination of solar cell series patterns having line symmetry. In this case, while electric discharges can be prevented from occurring between any solar cells, the magnetic

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1. (EP1594168) SOLAR CELL PANEL

National Biblio. Data | Description | Claims | Documents

Note: Text based on automatic Optical Character Recognition processes.
Please use the PDF version for legal matters

Machine translation

Query
EN_DE:(solar power)

Description

Field of the Invention

[0001] The present invention relates to a solar cell panel for use in spacecrafts, such as satellites and airships. More particularly, it relates to a solar cell array and a solar cell panel structure that can prevent electrical discharges from occurring between any solar cells.

Background of the Invention

[0002] In the past, many spacecrafts carrying a solar cell panel have been lofted into space. As spacecrafts become more sophisticated in functionality, solar cell panels which can supply high power to spacecrafts are needed. The need to raise the output voltages of solar cell panels has therefore arisen from this necessity for the supply of high power. Since the potential difference between solar cells in a solar cell panel becomes large with increase in the output voltage of the solar cell panel, an electric discharge which originates from power generated by the solar cells which is an energy source can easily occur between the solar cells.

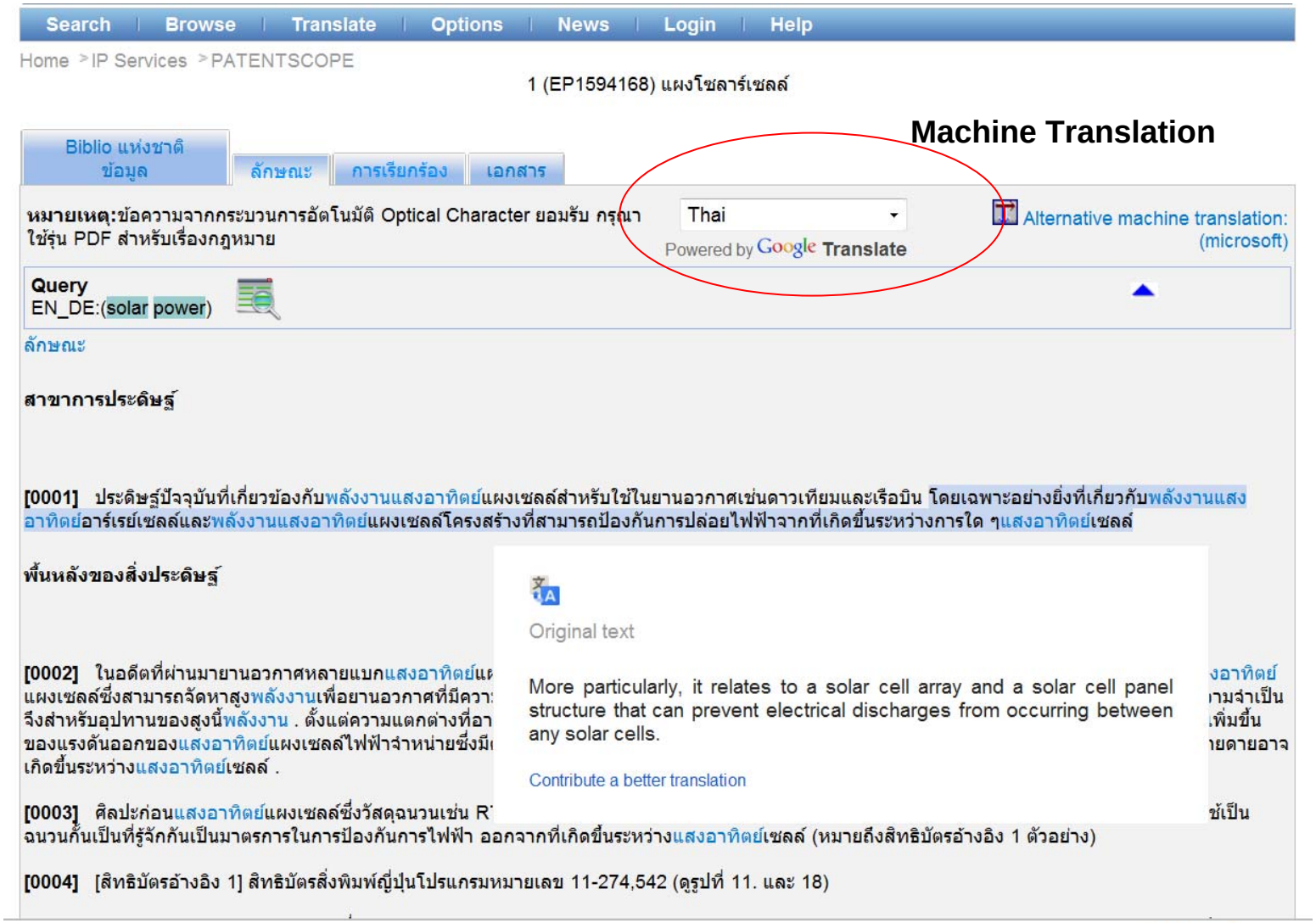
[0003] A prior art solar cell panel in which an insulating material, such as an RTV adhesive, is filled into the gap between solar cells in the solar cell panel and is used as an insulating barrier is known as a measure for preventing an electric discharge from occurring between the solar cells (refer to patent reference 1, for example).

[0004] [Patent reference 1] Japanese patent application publication No. 11-274,542 (see Figs. 11 and 18)

[0005] The prior art solar cell panel in which an insulating material, such as an RTV adhesive, is placed in the gap between solar cells in the solar cell panel and is used as an insulating barrier has the following problems. The first problem is that the prior art solar cell panel increases in weight by only the weight of the adhesive which is used as the insulating barrier. The second problem is that the prior art solar cell panel increases in cost because of increase in the material cost of the adhesive which is used as the insulating barrier, the cost of installing the insulating barrier, increase in the cost of launching a rocket, and so on.

[0006] According to patent reference 1, since any two adjacent solar cell assembly series are so connected as to have different gradient directions in their potentials with respect to a folded connection point therebetween, any two adjacent solar cells in any two adjacent solar cell assembly series have a

PATENTSCOPE (Machine Translation)



PATENTSCOPE CLIR*

- Free tool available at http://patentscope.wipo.int/search/clir/clir.jsp?interfaceLanguage=en
- Enter a search query in either EN, DE, ES, FR, JP, RU, ZH, PT, IT, DU, SE and it will be expanded into the other languages (keywords translation)
- Built from bilingual dictionaries extracted statistically from Patent corpuses without supervision

(*) PATENTSCOPE CLIR: An empirical approach to applying SMT techniques to Cross Language Information Retrieval in the patent domain, C. Mazenc *in Asian-Pacific Association for Machine Translation Journal Nr 51*, June 2012

CLIR (Cross lingual Information Retrieval)

car

CLIR

○ × ×

○ ○ ○

.....car.....

.....自動車.....

.....voiture.....

create relevant terms in 12 languages

EN JP FR

car 自動車 voitur e :

auto 車 :

ES, DE, KR

PT, CN, RU,

IT, NL, SE

car

CLIR

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Interface : Cross-lingual (CLIR)- Automatic

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

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Results 1-10 of 9,430 for Criteria: (EN_TI:("solar power" OR "solar energy" OR "solar supply"~21) OR EN_AB:("solar power" OR "solar energy" OR "solar supply"~21)) OR (DE_TI:("Sonnenenergie" OR "Solarenergie") OR DE_AB:("Sonnenenergie" OR "Solarenergie")) OR (ES_TI:("energía solar") OR ES_AB:("energía solar")) OR (FR_TI:("énergie solaire") OR FR_AB:("énergie solaire")) OR (JA_TI:("太陽光" OR "太陽電池光" OR "太陽電力" OR "太陽発電" OR "太陽光発電") OR JA_AB:("太陽光" OR "太陽電池光" OR "太陽電力" OR "太陽発電" OR "太陽光発電")) OR (KO_TI:("태양에너지" OR "이용한 태양광 발전" OR "태양 광 발전" OR "태양광 에너지" OR "태양열을 이용한") OR KO_AB:("태양에너지" OR "이용한 태양광 발전" OR "태양 광 발전" OR "태양광 에너지" OR "태양열을 이용한")) OR (PT_TI:("potência solar"~22 OR "energia solar"~22 OR "força solar"~22 OR "suprimento solar"~22 OR "alimentação solar"~22 OR "abastecimento solar"~22 OR "energia luminosa" OR "fonte solar"~22) OR PT_AB:("potência solar"~22 OR "energia solar"~22 OR "força solar"~22 OR "suprimento solar"~22 OR "alimentação solar"~22 OR "abastecimento solar"~22 OR "energia luminosa" OR "fonte solar"~22)) OR (RU_TI:("гелиоэнергетической" OR "концентрирования солнечной энергии" OR "солнечным" OR "солнечная энергетическая" OR "солнечной энергии в переменный" OR "солнечной энергии и" OR "энергии солнца" OR "солнечной энергетической установки") OR RU_AB:("гелиоэнергетической" OR "концентрирования солнечной энергии" OR "солнечным" OR "солнечная энергетическая" OR "солнечной энергии в переменный" OR "солнечной энергии и" OR "энергии солнца" OR "солнечной энергетической установки")) OR (ZH_TI:("太阳" OR "太阳能") OR ZH_AB:("太阳" OR "太阳能")) Office(s):all Language:EN Stemming: true

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Refine Search (EN_TI:("solar power" OR "solar energy" OR " Search RSS Query Tree

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

Latest bibliographic data on file with the International Bureau

Pub. No.: WO/2010/150692 **International Application No.:** PCT/JP2010/060236
Publication Date: 29.12.2010 **International Filing Date:** 16.06.2010

IPC: ***H01L 31/04*** (2006.01), ***H01L 31/042*** (2006.01)

Applicants: **TORAY ENGINEERING CO., LTD.** [JP/JP]; Nihonbashi Muromachi Bldg., 3-16, Nihonbashi Hongokucho 3-chome, Chuo-ku, Tokyo 1030021 (JP) *(For All Designated States Except US)*.
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IWADE Takashi [JP/JP]; (JP) *(For US Only)*.
TERADA Toyoharu [JP/JP]; (JP) *(For US Only)*.
FUJIMOTO Takayoshi [JP/JP]; (JP) *(For US Only)*

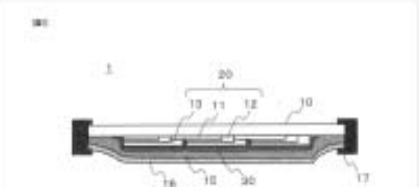
Inventors: **YAMASHITA Masamichi**; (JP).
IWADE Takashi; (JP).
TERADA Toyoharu; (JP).
FUJIMOTO Takayoshi; (JP)

Agent: **HIROKOH Masaki**; Tatsuno Nishi-Tenma Bldg., 1-6, Nishi-Tenma 3-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP)

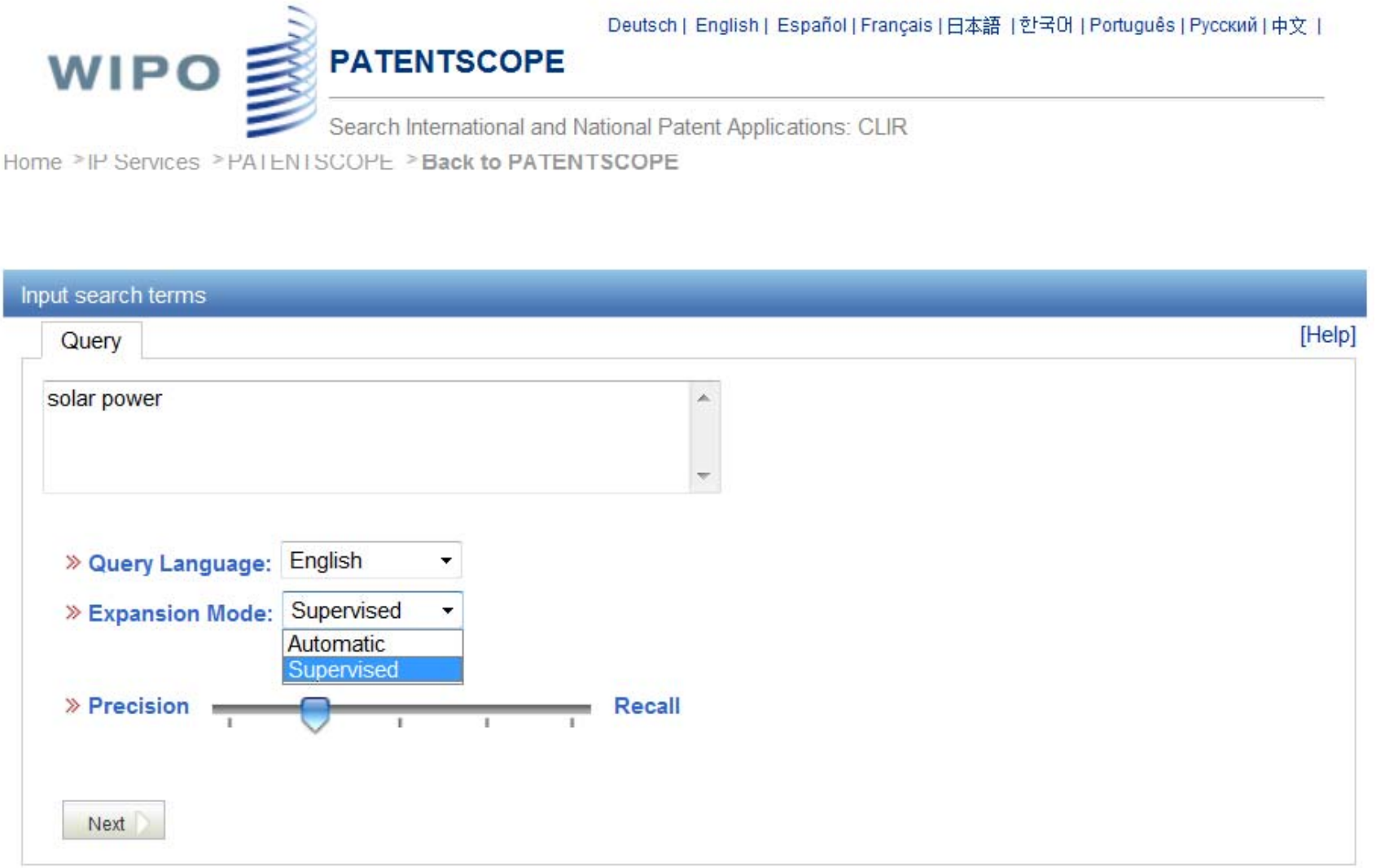
Priority Data: 2009-149170 23.06.2009 JP

Title
(EN) SOLAR BATTERY
(FR) PILE SOLAIRE
(JA) 太陽電池

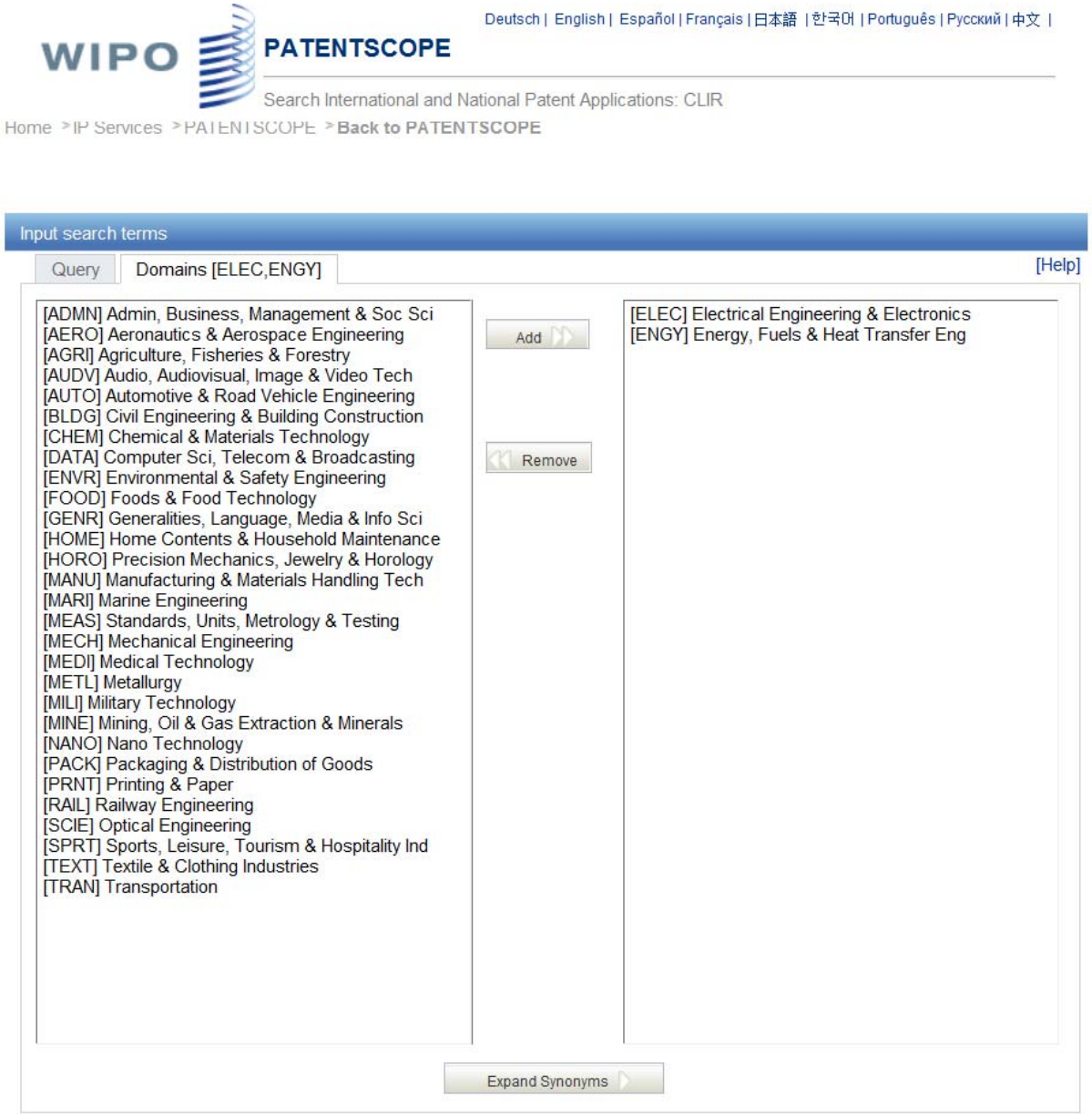
Abstract: **(EN)** A solar battery module is configured so that a solar battery cell comprised of a transparent electrode, a light emitting element, and a backside electrode is formed on a substrate, and is sealed by a plastic material such as EVA. The solar battery module solves the problem that water enters through a gap between the substrate and a plastic



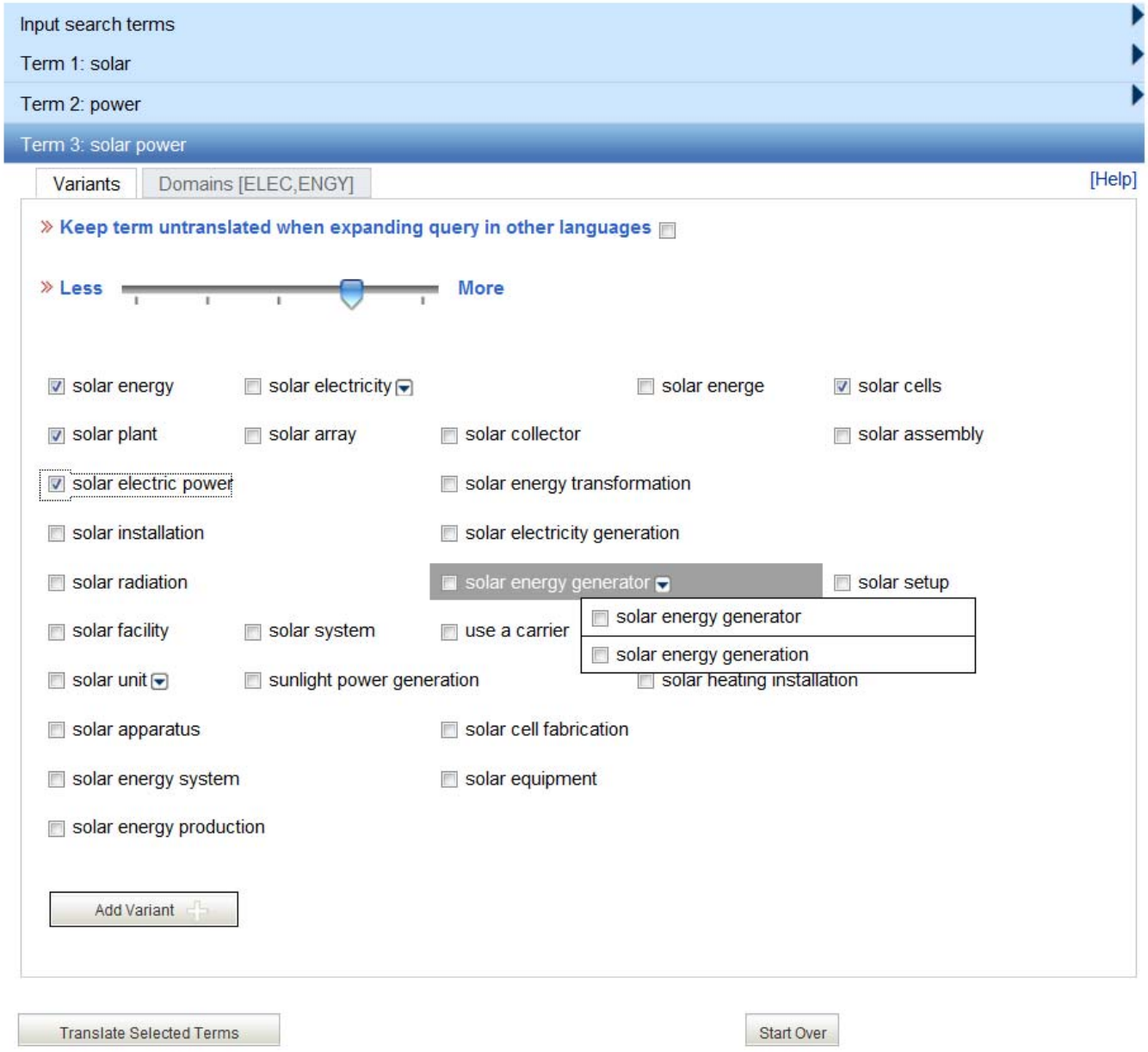
Interface : Cross-lingual (CLIR)- Supervised



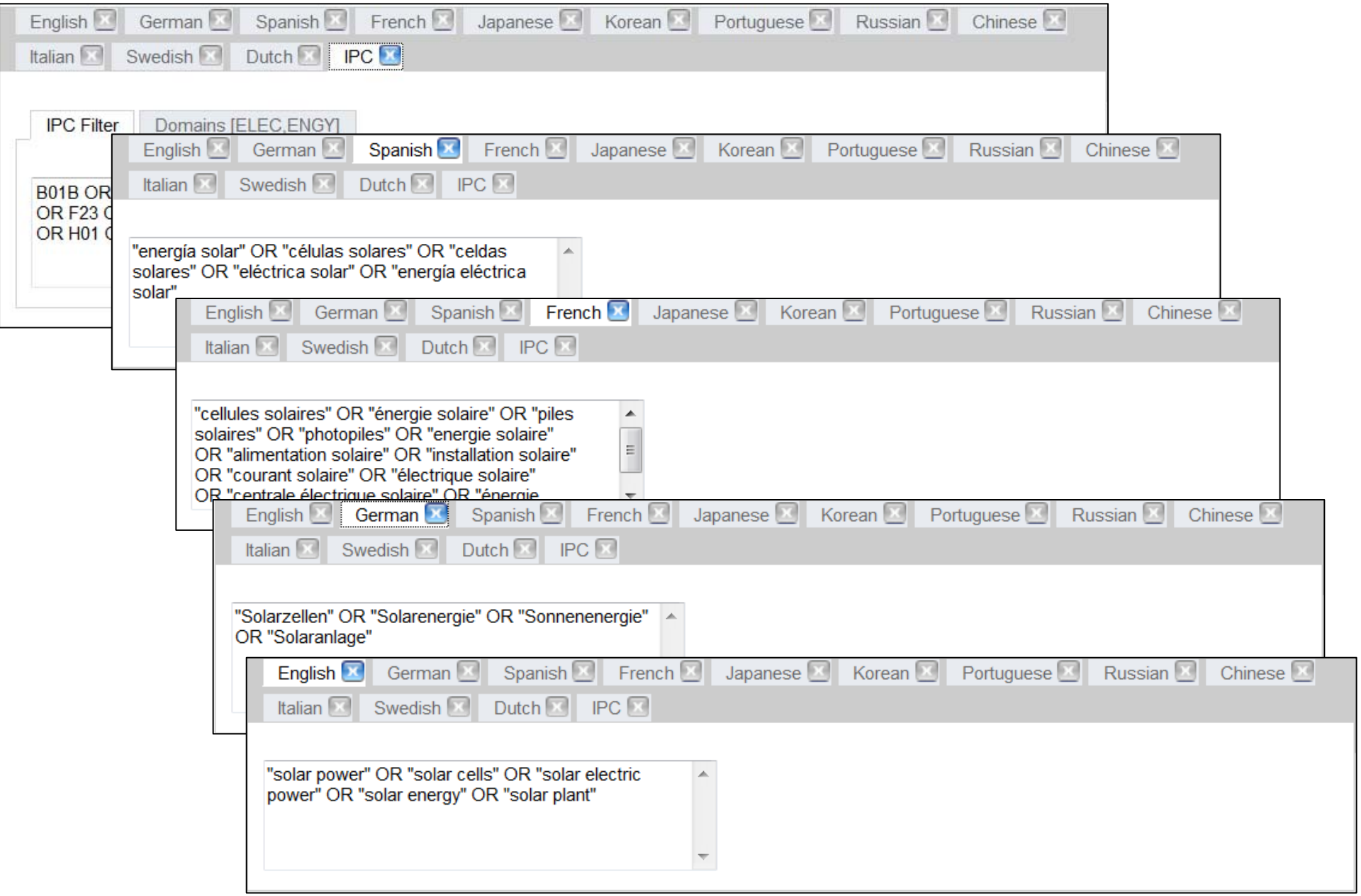
CLIR – supervise mode – choice of technology domains



CLIR – supervise mode – choice of terms



CLIR – Supervised mode – adjustment of terms and IPC



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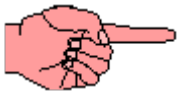
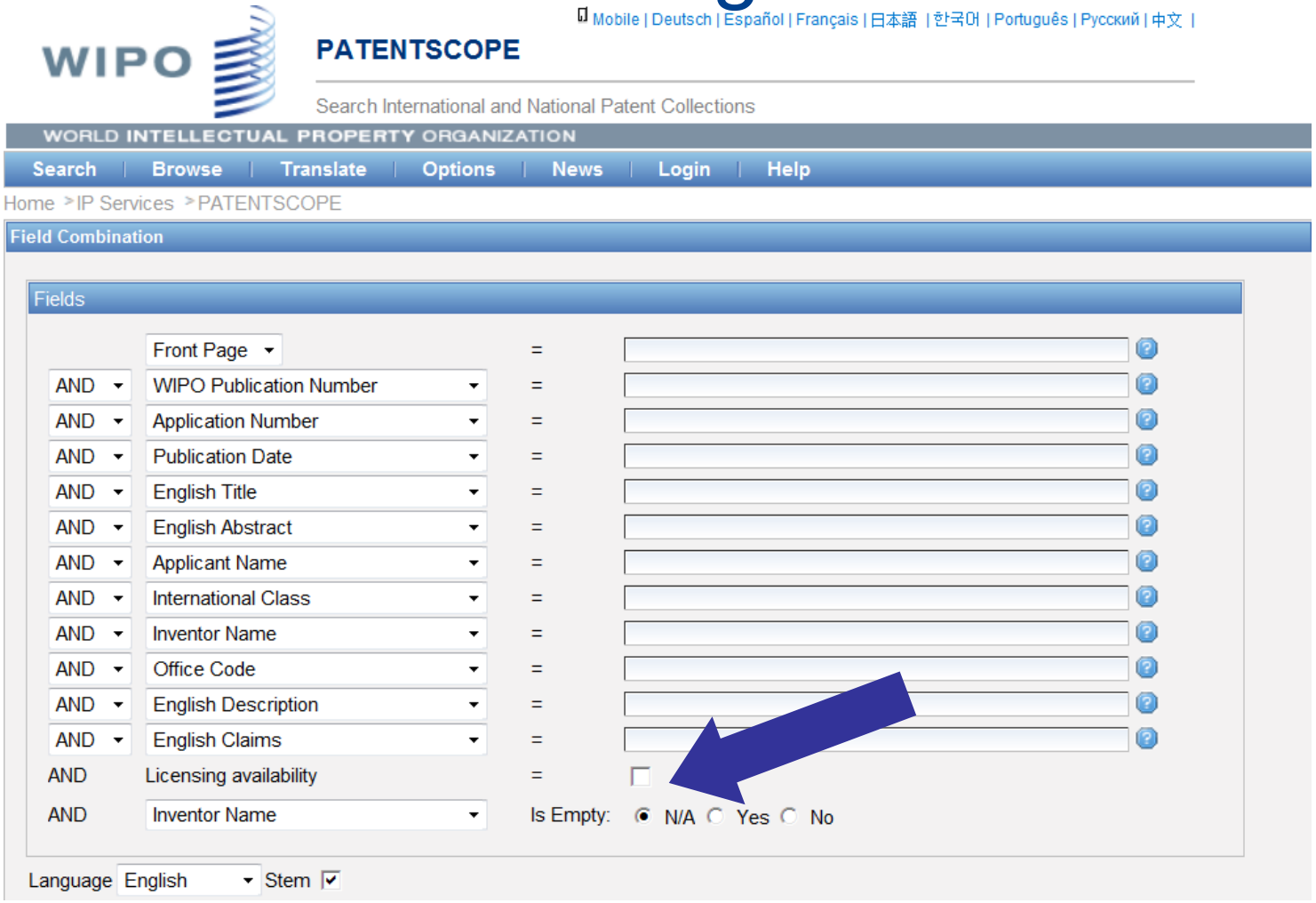


What's new? PCT Licensing feature

- PCT applicants can signal their willingness to license their patents (see http://www.wipo.int/edocs/pctndocs/en/2012/pct_news_2012_13.pdf)
- In force since January 2012
- Possible when filing and up to the expiration of the 30-month time period after filing
- Licensing information viewable and searchable in PATENTSCOPE

What's new? Licensing feature



検索結果の分析

オプション ◉表 ○グラフ　オプション ◉棒グラフ ○円グラフ

国/PCT	
国/PCT	No.
PCT	52

主要なIPC	
IPC	No.
A61K	7
C07D	5
C12N	5
G01N	5
C07K	4
C12Q	4
C07C	2
A01N	1
A41B	1
A61M	1

主要な出願人	
氏名（名称）	No.
YEDA RESEARCH AND DEVELOPMENT CO. LTD.	14
ARCH PHARMALABS LIMITED	6
INSTITUT CURIE	4
UNIVERSIDADE DE SANTIAGO DE COMPOSTELA	3
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO	2
NANORX, INC.	2
IDEN BIOTECHNOLOGY, S.L.	2
BOUYGUES TELECOM	2

主要な発明者	
氏名	No.
ARES GARCÍA, Jorge	2
RAGHAVAN, Palayakotai, R.	2
SAGI, Irit	2
AGREDA NAVAJAS, Juan Carlos	1
AHARONI, Asaph	1
ALMOUZNI, Geneviève	1
ALON, Uri	1

公開日	
年	No.
2010	2
2011	22
2012	28

並べ替え 公開日（新しい順） Machine translation

No.	国/PCT	発明の名称	公開日	国際特許分類	出願番号	出願人	発明者
1.	WO	WO/2012/130912 - COMPOUNDS FOR TREATMENT OF METABOLIC SYNDROME	04.10.2012	C07D 471/04	PCT/EP2012/055570	SJT MOLECULAR RESEARCH, S.L.	AGREDA NAVAJAS, Juan Carlos
Present invention refers to new compounds of formula I or II, its synthesis and its use in the treatment of metabolic syndrome, particularly for the treatment of type I or type II diabetes and/or metabolic syndrome or metabolic disease or metabolic disorders.							
2.	WO	WO/2012/131680 - COMPOSITIONS AND METHODS FOR TREATING INFLAMMATION	04.10.2012	C07K 14/435	PCT/IL2012/050111	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	TOISTER, Einat

3. (WO2013017981) MULTI-BIT MAGNETIC MEMORY CELL

PCT Biblio. Data | Description | Claims | National Phase | Notices | Documents

International Application Status

Date	Title	View	Download
12.02.2013	International Application Status Report	HTML, PDF	PDF, XML

Published International Application

Date	Title	View	Download
07.02.2013	Initial Publication with ISR (A1 06/2013)	PDF (47p.)	PDF (47p.), ZIP(XML + TIFFs)

Related Documents on file at the International Bureau

Date	Title	View	Download
07.02.2013	Application Body as Filed	PDF (43p.)	PDF (43p.), ZIP(XML + TIFFs)
07.02.2013	Request form (RO/101)	PDF (5p.)	PDF (5p.), ZIP(XML + TIFFs)
07.02.2013	Notification of Receipt of Search Copy (ISA/202)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Notification of Receipt of Search Copy (ISA/202)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Validation Log	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Notification Concerning Availability of Publication of the International Application (IB/311)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Notification of receipt of record copy (IB/301)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	US 61/514,064 02.08.2011 (Pr. Doc.)	PDF (47p.)	PDF (47p.), ZIP(XML + TIFFs)
07.02.2013	International Search Report	PDF (6p.)	PDF (6p.), ZIP(XML + TIFFs)
07.02.2013	Power of Attorney	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Notification of the International Application Number and of the International Filing Date (RO/105)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Notification Concerning Payment of Prescribed Fees (RO/102)	PDF (2p.)	PDF (2p.), ZIP(XML + TIFFs)
07.02.2013	Notification Concerning Submission or Transmittal of Priority Document (IB/304)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
07.02.2013	Notification Concerning Payment of Prescribed Fees (RO/102)	PDF (2p.)	PDF (2p.), ZIP(XML + TIFFs)

Licensing availability request

Date	Title	View	
07.02.2013	Request for indication of availability for licensing purposes (IB/382)	PDF (2p.)	PDF (2p.)

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REQUEST FOR INDICATION OF AVAILABILITY FOR LICENSING PURPOSES

Applicant's or agent's file reference	International filing date *(day/month/year)*
1082-1011.1 (2011069-00)	19/07/2012
International application No.	Priority date *(day/month/year)* 02/08/2011
Applicant Ramot at Tel-Aviv University Ltd.	

1. The applicant hereby requests the International Bureau **to indicate the availability for licensing purposes** of the invention(s) claimed in this international application on the PATENTSCOPE website.

2. Licensing terms *(optional)*: The applicant is willing to license the claimed invention(s):

   ☐ in:

   ☒ all PCT Contracting States

   ☐ all PCT Contracting States except *(indicate each State by its two-letter code)*: _____

   ☐ the following State(s) only *(indicate each State by its two-letter code)*: _____

   ☒ for **exclusive** use by the licensee ☒ for **non-exclusive** use by the licensee

3. Additional licensing terms *(optional) (if the space below is insufficient, please use the Annex to this form)*:
   Royalty based license, details to be negotiated.

4. Licensing contact:
   Any person interested in a licensing agreement for the invention(s) claimed in this international application should contact the following person:
   Larry Loev, Business Director for Hi-tech and Medical Devices
   Ramot at Tel Aviv University, Ltd.
   +972-3-6406544
   larry.loev@ramot.org

5. Signature of applicant(s), agent or common representative:

Name: Daniel Kligler Capacity: Patent Attorney Date: 19/07/2012

Form PCT/IB/382 (January 2012)

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- In operations since July 2012
- No fee required
- Possible after publication and until 28-months from the priority date
- Validated 3PO viewable in PATENTSCOPE

3. (WO2013017981) MULTI-BIT MAGNETIC MEMORY CELL

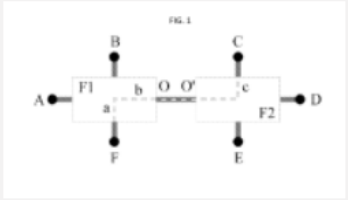
Pub. No.: WO/2013/017981 **International Application No.:** PCT/IB2012/053674
Publication Date: 07.02.2013 **International Filing Date:** 19.07.2012
IPC: ***G11C 11/18*** (2006.01)

Applicants: **RAMOT AT TEL-AVIV UNIVERSITY LTD** [IL/IL]; P.O. Box 39296 61392 Tel Aviv (IL) *(For All Designated States Except US)*.
GERBER, Alexander [IL/IL]; (IL) *(For US Only)*.
SEGAL, Amir [IL/IL]; (IL) *(For US Only)*
Inventors: **GERBER, Alexander**; (IL).
SEGAL, Amir; (IL)
Agent: **D. KLIGLER I.P. SERVICES LTD.**; P.O. Box 57651 61576 Tel Aviv (IL)

Priority Data: 61/514,064 02.08.2011 US

Title
(EN) MULTI-BIT MAGNETIC MEMORY CELL
(FR) CELLULE DE MÉMOIRE MAGNÉTIQUE MULTI-BITS

Abstract:
(EN)A device (20) for storing data includes at least first and second ferromagnetic films (F1, F2) and a sensing circuit (28). The ferromagnetic films both have perpendicular magnetic anisotropy that is configured responsively to the stored data, and are connected so that an electrical current traverses the first and second ferromagnetic films and generates respective first and second extraordinary Hall voltages therein. The sensing circuit is configured to read out the stored data by measuring the first and second extraordinary Hall voltages.



(FR) Un dispositif (20) permettant d'enregistrer des données comprend au moins des premier et second films ferromagnétiques (F1, F2) et un circuit de détection (28). Les films ferromagnétiques comprennent tous deux une anisotropie magnétique perpendiculaire qui est configurée en réponse aux données enregistrées, et sont connectés de sorte qu'un courant électrique traverse les premier et second films ferromagnétiques et génère des première et seconde tensions de Hall extraordinaires respectives à l'intérieur. Le circuit de détection est configuré pour lire les données enregistrées en mesurant les première et seconde tensions de Hall extraordinaires.

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[ ] I do not wish my identity to be shown to the applicant or in the public record of this observation.

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International Application Status

Date	Title	View	Download
11.10.2012	International Application Status Report	HTML, PDF	PDF, XML

Published International Application

Date	Title	View	Download
xx.yy.2012	Initial Publication with ISR (A1 xx/2012)	PDF (46p.)	PDF (46p.), ZIP(XML + TIFFs), XML

Related Documents on file at the International Bureau

Date		View	Download
xx.yy.2012	Third Party Observation	PDF (3p.)	PDF (3p.), ZIP(XML + TIFFs)
xx.yy.2012	Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (IB/308)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
xx.yy.2012	Notification Concerning Availability of Publication of the International Application (IB/311)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
xx.yy.2012	JP 2011-xxxxxx (Pr. Doc.)	PDF (27p.)	PDF (27p.), ZIP(XML + TIFFs)
xx.yy.2012	Notification of receipt of record copy (IB/301)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
xx.yy.2012	Notification Concerning Submission or Transmittal of Priority Document (IB/304)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
xx.yy.2012	Translation of the ISR	PDF (2p.)	PDF (2p.), ZIP(XML + TIFFs)
xx.yy.2012	Request form (RO/101)	PDF (4p.)	PDF (4p.), ZIP(XML + TIFFs)
xx.yy.2012	Application Body as Filed	PDF (41p.)	PDF (41p.), ZIP(XML + TIFFs)
xx.yy.2012	International Search Report	PDF (3p.)	PDF (3p.), ZIP(XML + TIFFs)

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THIRD PARTY OBSERVATION
(PCT Administrative Instructions Part 8)

Applicant's or agent's file reference PCT-XXX-2012	
International application number PCT/JP2012/XXXXXX	International filing date (day/month/year) 23 Jan 2012 (23/01/2012)
Applicant	

Third party observation submitted by Anonymous	Observation submitted on behalf of
Date of submission(day/month/year) 01 Oct 2012 (01/10/2012)	Language of observation Japanese

Basis and contents of observation

1. The observation is made on the basis of the claims in the international application as filed.
2. The observation comprises:

3 references to documents.
3 uploaded copies of documents.

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Applicant's or agent's file reference	
ABC-123	
International application number	International filing date (day/month/year)
PCT/IB2011/053822	31 Aug 2011 (31/08/2011)
Applicant	
TEST APPLICANT INC. (+2)	

Third party observation submitted by	Observation submitted on behalf of
Michael Testuser	
Date of submission(day/month/year)	Language of observation
29 Jun 2012 (29/06/2012)	English

Basis and contents of observation

1. The observation is made on the basis of the claims in the international application as amended under Article 19 on 21 Mar 2012 (21/03/2012).

2. The observation comprises:

2 references to documents.
2 uploaded copies of documents.

Citation #1 (Patent/utility model) (# uploaded documents: 1):

Country code:	Publication number:	Document kind code:
JP	2008221857	A
Patent Applicant/Patent Owner:	Title of invention:	
HEWLETT PACKARD CO	SCALABLE WIDE ARRAY INKJET PRINT HEAD AND ITS MANUFACTURING METHOD	
Link to document:		
Publication Date:	Filing Date:	Priority Date:
25 Sep 2008 (25/09/2008)		28 Oct 1997 (28/10/1997)
Source of Abstract:	Accession number:	Publication Date of Abstract: / Retrieval Date of Abstract:
Most relevant passages or drawings:		Relevant to Claims:
See figure 3 and page 5 lines 1-5		1-4, 6
Brief explanation of relevance:		
The document shows a valve arrangement which includes features XXX and YYY arranged in the manner required by claims 1-4 and 6.		

Citation #2 (Book) (# uploaded documents: 1):

Title:	Author:	Subtitle:
Piezo-electric Printheads	AUTHOR, Anne	
Place of publication:	Publisher:	Year of Publication:
London	Technical Publishing Ltd.	2004

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