Introduction of Google Patents

- ❖Google Patents includes over 87 million patent publications from 17 patent offices around the world:
- -United States, Europe, Japan, China, South Korea, WIPO, Russia, Germany, The United Kingdom, Canada,

France, Spain, Belgium, Denmark, Finland, Luxembourg, The Netherlands.

- Google Patents offers basic and advanced patent search interfaces;
- The simple search only provides one field to enter any search key word
- **Advanced search** options are: patent number, title, inventor, original assignee, U.S. classification, international classification, patent type/status, date.
- **⋄** Non-patent literature

To make prior art searching easier, Google Patents includes a copy of the technical documents and books indexed in Google Scholar and Google Books

Google patent searching;

https://support.google.com/faqs/answer/7049475?hl=en&ref_topic=6390989

Searching by keywords and classifications

Searching with boolean logic, proximity, in title/abstract/claims, and wildcards

Searching by metadata (inventor, assignee, date, etc)

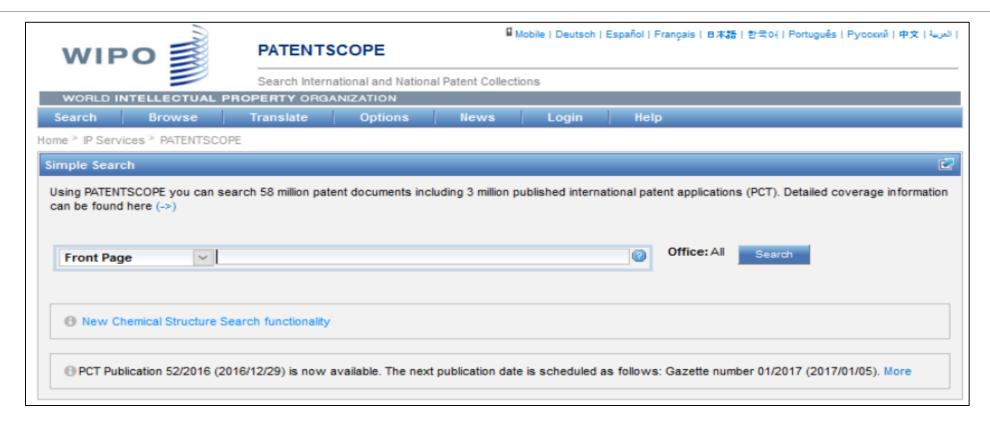
Searching by patent or application number

Advanced google patents search;

Google Adva	nced Patent Search	About Google
Find results	with all of the words with the exact phrase with at least one of the words without the words	10 results ▼ Google Search
Patent number	Return patents with the patent number	
Title	Return patents with the patent title	
Inventor	Return patents with the inventor name	First name, last name, or both
Original Assignee	Return patents with the original assignee name	First name, last name, or both
Current U.S. Classification	Return patents with the current U.S. classification	Comma separated list of one or more classification codes.
International Classification	Return patents with the international classification	Comma separated list of one or more classification codes.
Cooperative Classification	Return patents with the cooperative classification	Comma separated list of one or more classification codes.
Patent type/status	Return patents with type/status	Any type/status ▼
Date	 Return patents anytime Return patents between ▼ and ▼ e.g. 1999 and 2000, or Jan 1999 and Dec 2000 	
Restrict date by	Restrict by filing date Restrict by issue date	

https://www.google.com/advanced_patent_search

Introduction of Patentscope



https://patentscope.wipo.int/search/en/search.jsf

What is the PATENTSCOPE search system?

- ► Is the FREE OF CHARGE patent search system
- ➤ Provided by the World Intellectual Property Organization (WIPO)
- ➤ PATENTSCOPE gives you access to millions of patent documents;
 - -International Patent Cooperation Treaty (PCT) applications in full text
 - -patent documents of participating national and regional patent offices
- ➤ Data coverage: is about 70,440,000

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

Graguay	01.05.2018	17.00.1000 - 01.00.2010	1021	Spanish: 1483	3,047
Viet Nam	07.07.1984 - 26.07.2017	26.10.1990 - 26.07.2017		Total records: 7145	59,935
African Regional Intellectual Property Organization (ARIPO)	04.07.1985 - 29.07.2008	04.07.1985 - 29.07.2008	1676	Total records: 1671 English: 1671	1,868
European Patent Office (EPO)	21.12.1978 - 16.08.2018	21.12.1978 - 16.08.2018		Total records: 2568904 English: 1870944 French: 165059 German: 532901	3,346,910
Totals					PCT: 3,358,543 Offices: 67,077,616 Overall: 70,440,000

Search interface

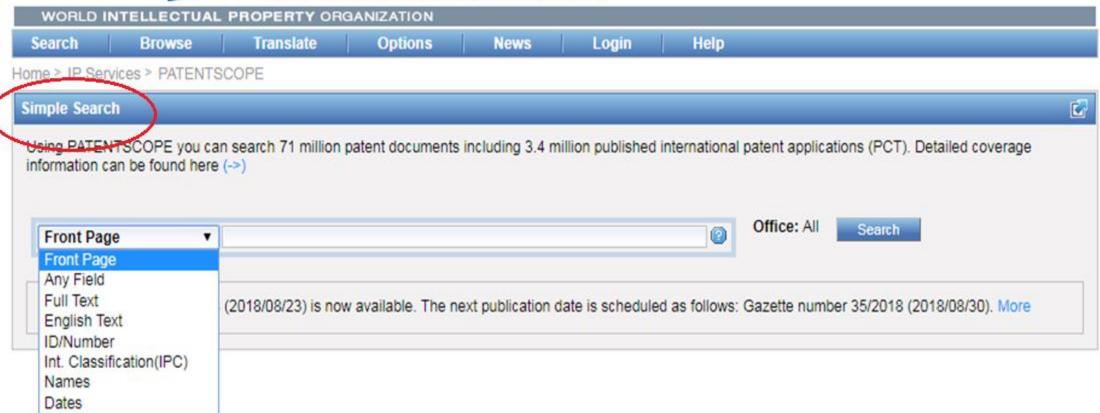
The search interface is available in 9 languages.





PATENTSCOPE

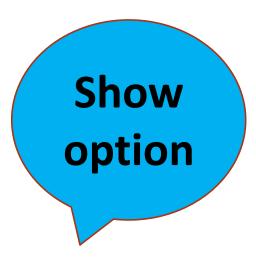
Search International and National Patent Collections

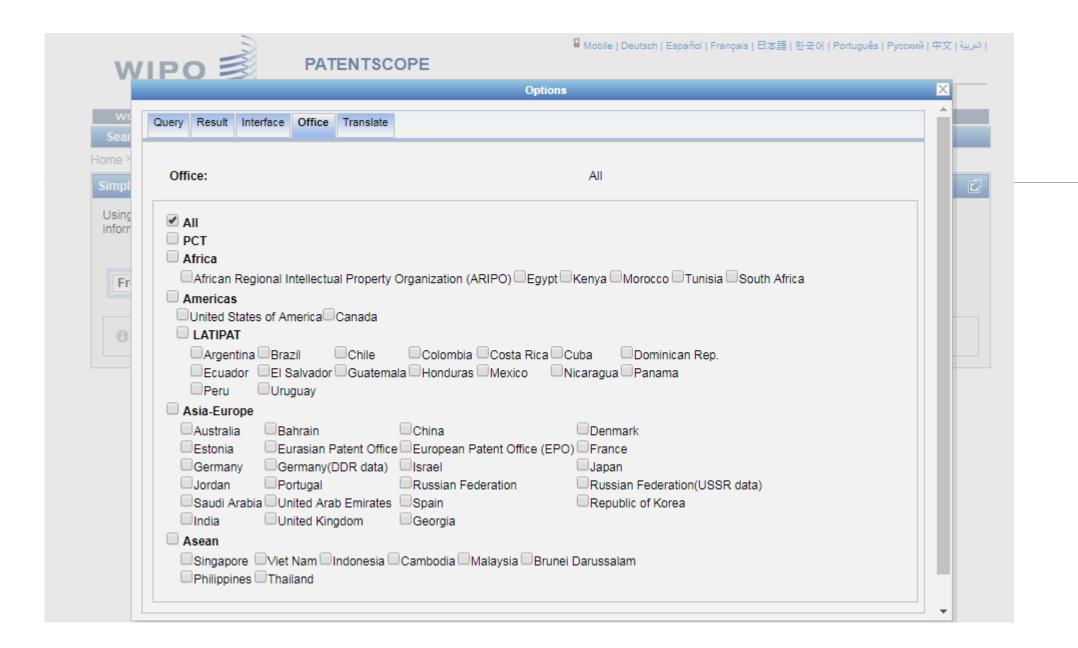


Simple search;

There are 8 predefined search fields available;

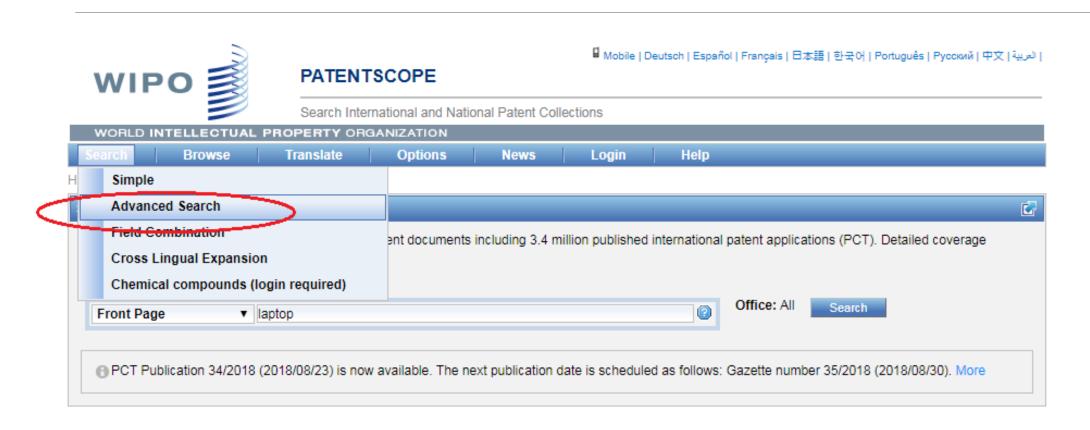
- 1. **Front page**: the search criteria you entered in this field will be searched in the front page of the document
- 2. **Any field**: the search criteria you entered in this field will be searched in any fields of the document
- 3. **Full-text**: enter your query in this field if you are interested in full-text
- 4. **English text**: the search criteria you entered in this field will be searched in texts in English.
- 5. **ID/Number**: enter publication number, filing number, etc.
- 6. **IPC**: enter any International Patent Classification code
- 7. **Names**: enter your search in this field to look for the name of an inventor, an applicant, a company, etc.
- 8. **Dates**: enter any date in this field such as filing date, publication date, etc.





Advanced Search

https://patentscope.wipo.int/search/en/advancedSearch.jsf



Advanced search...

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

Wildcard Searches

It supports single and multiple character wildcard searches within single terms. To perform a single character wildcard search use the "?" symbol. To perform a multiple character wildcard search use the "*" symbol.

The single character wildcard search looks for terms that match that with the single character replaced. For example, to search for "text" or "test" you can use the search:

te?t

Multiple character wildcard searches looks for 0 or more characters. For example, to search for electric, electrical or electricity, you can use the search:

electric*

You can also use the wildcard searches in the middle of a term.

elec*ty

Note: All the wildcard queries are executed against non-stemmed fields: EN_TI_S/mot* is converted to EN_TI/mot*

Note: PhraseQuery keeps the stemming option if no wildcards are found: EN_TI/"electric motor" is stemmed while EN_TI_S/"electric mot*" is converted to EN_TI/"electric mot*"

Note: use ALLNUM fields if you do queries using IDs like PCT/US/2009/0*, otherwise using the default field EN_ALL then query should be formulated like: (PCT US/2009/0*)

ALLNUMM:PCT/US/2009/0*

Note: You cannot use a * or ? symbol as the first character of a search.

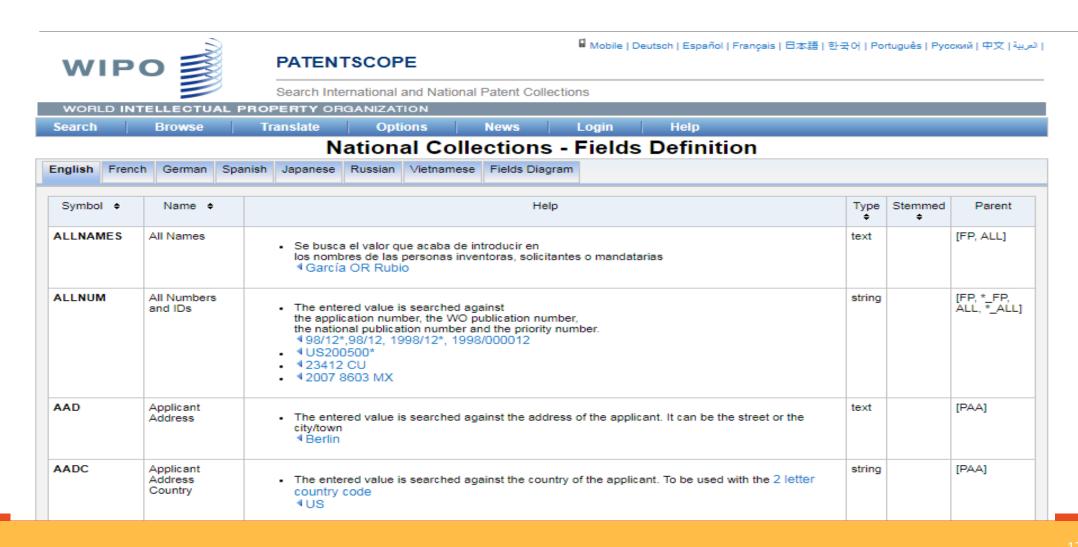
Proximity Searches

It supports finding words are a within a specific distance away. To do a proximity search use the tilde, "~", symbol at the end of a Phrase. For example to search for a "electric" and "car" within 10 words of each other in a document use the search:

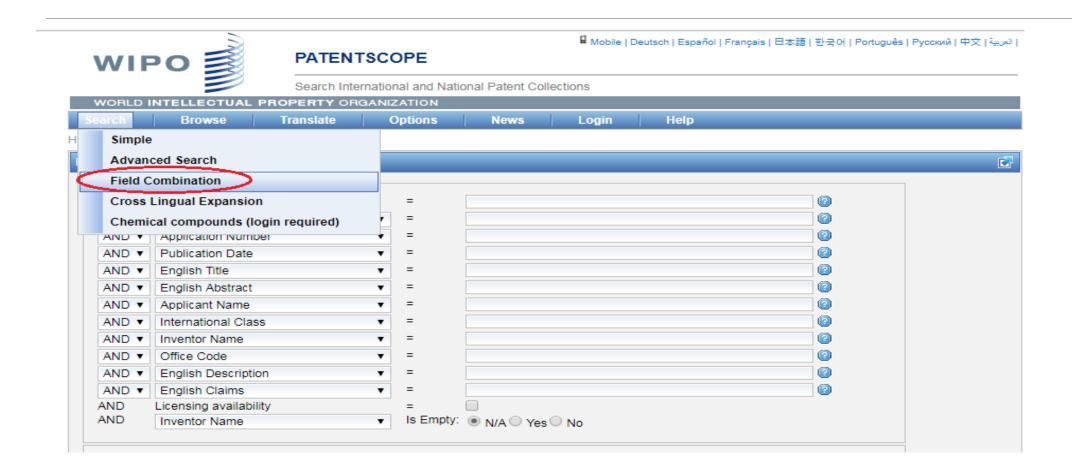
"electric car"~10

Advanced search...

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



Field combination search;

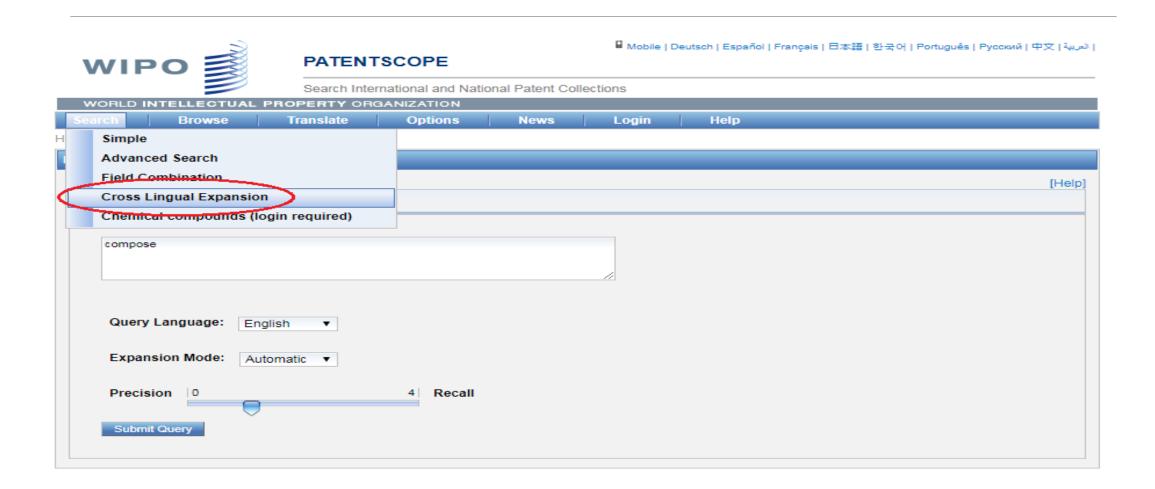


Field combination search;

To use the Field Combination interface:

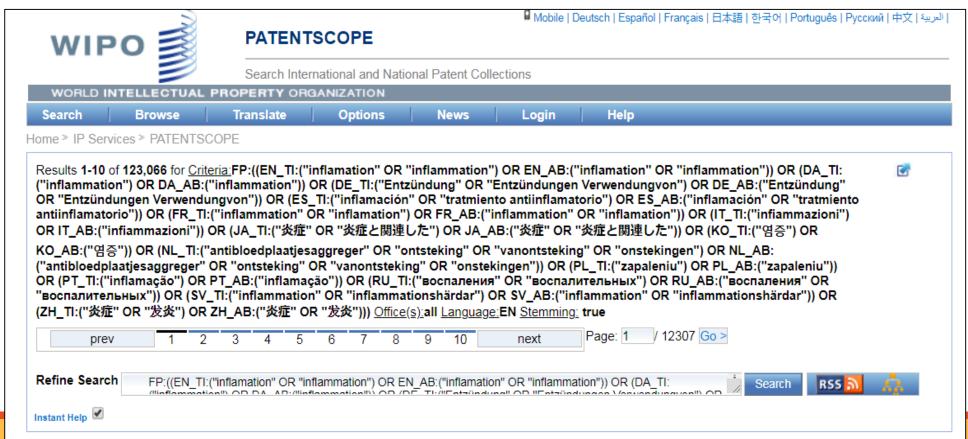
- Select the field/s of interest using the arrow of the drop-down menu
- Use the AND/OR boxes to add or include fields
- •Select the language in which you would like to perform the search: 11 languages are available
- Select the collection/s you are interested in using the Specify button

Cross Lingual Expansion search;



Cross Lingual Expansion search;

- -Enter one keyword in English,
- -The tool first finds synonymies of your query and then translates everything into 13 languages



Menu;

WIPO TRANSLATE

This translation tool is available for the translation of patent texts. Developed and trained internally on bilingual patent corpuses, it incorporates neural machine translation technology. It takes into account 32 technical domains from the IPC

WIPO PEARL

WIPO's multilingual terminology portal gives access to scientific and technical terms derived from patent documents. It helps promote accurate and consistent use of terms across different languages, and makes it easier to search and share scientific and technical knowledge.

Key features

 Developed by WIPO language experts and terminologists.
 10 languages – Arabic, Chinese, English, French, German, Japanese, Korean, Portuguese, Russian and Spanish.
 All the content has been validated and given a term reliability score.
 If there is no equivalent in the target language in the database, WIPO's machine translation engine may offer you a translation proposal.

1 Integrated with PATENTSCOPE so you can search the entire PATENTSCOPE corpus for terms and their equivalents in other languages.

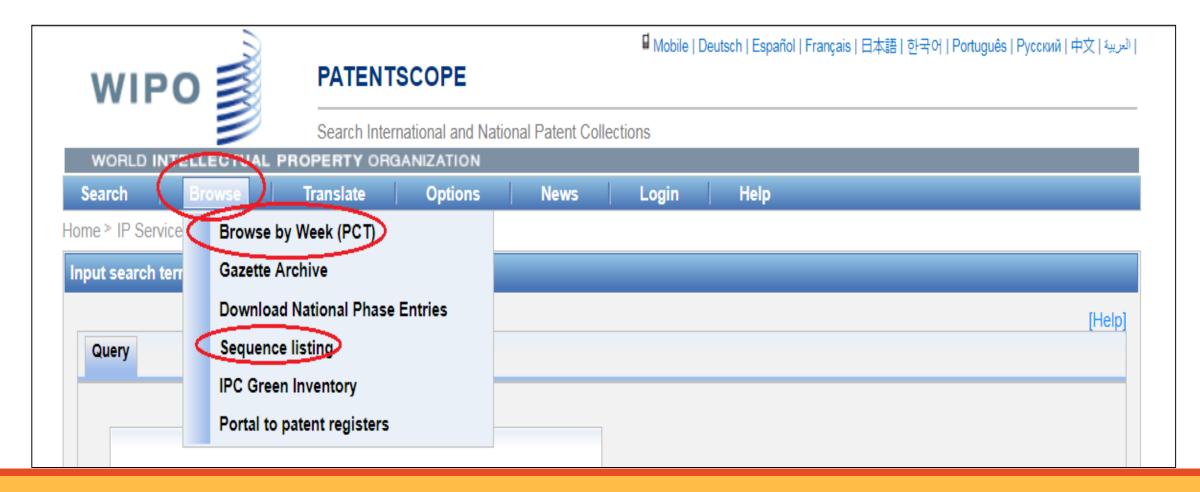
Menu;

>LOGIN

Once logged into their PATENTSCOPE accounts, users can:

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

Browse menu;



Browse menu;

> BROWSE BY WEEK (PCT)

WIPO publishes new PCT applications every week on Thursday. Selecting *Browse by week* gives access to a list of PCT applications by publication week.

> SEQUENCE LISTING

Selecting *Browse: Sequence Listing* gives access to the lists of nucleotide and or amino acid sequence listings contained in published PCT applications