

### PATENTSCOPE - WIPO's patent search tool

IP Information Roundtable, November 14th, 2022

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## PATENTSCOPE's strengths

- Access to international Patent Cooperation Treaty (PCT) applications,
   4.5 mil
- Extensive international coverage : 106 mil patents from 75 patent offices
- Multilinguism (WIPO\* Translate, PATENTSCOPE CLIR)
- Powerful chemical search, markush capable(17 million unique chemical compounds mined from the full text of the patent collections of the IP5 and Russia)

## Data coverage

https://patentscope.wipo.int/search/en/help/data\_coverage.jsf

Offices for which PCT na	tional phase inform	nation is available								
dated: November 13, 20	122									
Country	Latest Biblio	Update Frequency	Biblio Data	Abstract	Chemical Data	Chemical indexed	Doc images	OCR [full-text] Indexed	Nb re	cords
РСТ	13.11.2022	Daily	19.10.1978 - 10.11.2022	19.10.1978 - 10.11.2022	11.01.1979 - 03.11.2022	921,138	4,454,228	English: 2,488 Spanish: 29 French: 14 Japanese: 74 Korean: 15 Portuguese: Russian: 23	200 .940	54,228
African Regional Intellectual Property Organization (ARIPO)			03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008			1,878		,6 <b>71</b> ,871	1,868
Argentina	04.11.2022	Monthly	11.02.1985 - 28.10.2022	31.10.1990 - 26.10.2022			9,741		.906 1 .908	73,540
Australia	07.11.2022	Weekly	14.01.1900 - 27.10.2022	08.01.1981 - 27.10.2022					. <b>564</b> 1.8	33,554
Austria	18.09.2022	Monthly	10.07.1983 - 15.09.2022	25.08.1986 - 15.09.2022					,3 <b>7</b> 3 6	75,836

#### **Data coverage differences:** EspaceNet <-> PATENTSCOPE

Countries not covered by EPO: AE, BH, BN, KH, LA.

#### Countries not covered by WIPO:

AM, AT, BA, BE, BY, CH, CS, CY, CZ, DZ, EM, FI, GC, HK, HR, HU, IE, IS, KG, KZ, LU, MC, MD, ME, MN, MO, MT, MW, NL, NO, OA, PL, RS, SI, SK, SM, TJ, TR, TT, TW, UA, UZ, YU, ZM, ZW

	No. Docs WIPO	No. Docs (Kind) EPO
CN	19.9M	10.8M (A) 3.0M (B) 8.7M (U) 1.9M (*)
EP	4.6M	4.9M (A) 1.9M (B)
JP	14.4M	13.9M (A) 5.6M (B) 3.9M (U) 1.6M (*)
KR	4.2M	3.1M (A) 2.0M (B) 0.7M (*)
US	12.9M	12.1M (A) 4.4M (B) 0.5M (*)

	No. Docs WIPO	No. Docs (Kind) EPO
ID	136k	14 k (A)
IL	213k	110k (A)
IN	542k	27k (A) 55k (B)
MY	166k	59k (A)
PH	98k	37k (A) 4k (B) 11k (*)
SG	229k	116k (A) 10k (G)
TH	144k	12 (A)
VN	74k	165 (A) 25 (U)

### How to search on PATENTSCOPE

#### Use the SIMPLE SEARCH interface for:

- A specific number: a reference to patent document in the press, in a trial, etc.
- An individual, an inventor, an applicant
- An International Patent Classification (IPC) code or CPC
- A specific date (or period)
- A subject matter expressed with simple keywords, a concept that is very specific

### How to search on PATENTSCOPE

There are 8 predefined generic search fields available, each defining different search criteria:

- FRONT PAGE
- ANY FIELD
- FULL-TEXT
- ENGLISH TEXT
- ID/NUMBER
- IPC, CPC, CLASSIF
- NAMES
- DATES

## Stemming

- Process that removes common endings from words
- No dictionary includes the necessary technical terms to express patent concepts
- Porter Stemming Algorithm finds words that contain common root
- Saves time and effort
- Stemming algorithm defined for 20 languages: Arabic, Romanian, Swedish, Danish, Bulgarian, Greek, German, Spanish, Estonian, Italian, Indonesian etc.

## Wildcard versus Stemming tool

WILDCARD VS STEMMING			
This page shows the different result a wildcard matches as opposed to using the stemming option			
Enter a word electric	₩		
Compare to			
Stemming electric	Wildcard electric*		
electric	electric		
electrical	electrical		
electrically	electrically		
electricity	electricity		
electrics	electrician		
electricly	electricelectric		
electrization	electrico		
electr	electrica		
	electrics		

### How to search

#### **TIPS AND TRICKS**

Date →	Title \$	
27.09.2022	Save chemical structure	Special features/tools
20.09.2022	<u>Help</u>	What's new
12.09.2022	new NPL	What's new
28.06.2022	Field Combiation	
21.06.2022	<u>Al Index</u>	Miscellous
14.06.2022	<u>cpc searches</u>	Search
07.06.2022	OR NEAR combined	Search
31.05.2022	Sequence Listings	Special features/tools
24.05.2022	PCT monitoring	Special features/tools
18.05.2022	RSS feed	Special features/tools
10.05.2022	Operators ANDNOT NOT	Search
03.05.2022	what s new may 2022	What's new

### How to search

Feedback Search N

#### PATENTSCOPE PRACTICAL EXERCISES

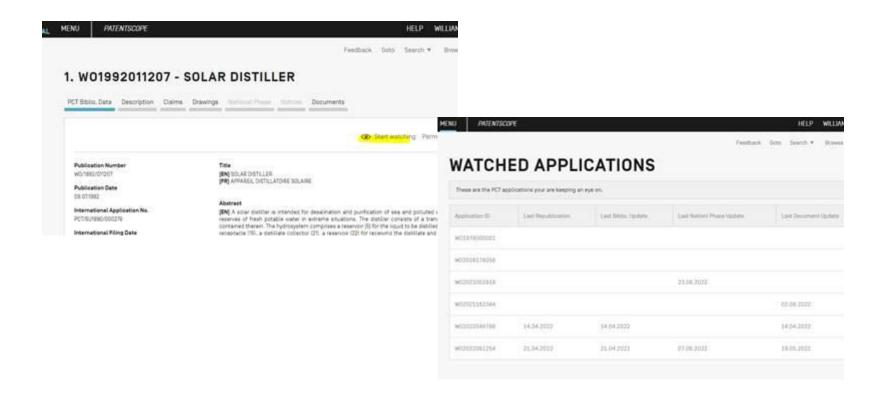
You want to find patent documents in PATENTSCOPE that contain the terms "steam" and "engine", regardless of where they appear in the documents would best achieve this result?

- O steam OR engine
- steam AND engine
- steam NEAR engine
- steam BEF0RE engine

### What's new in 2022

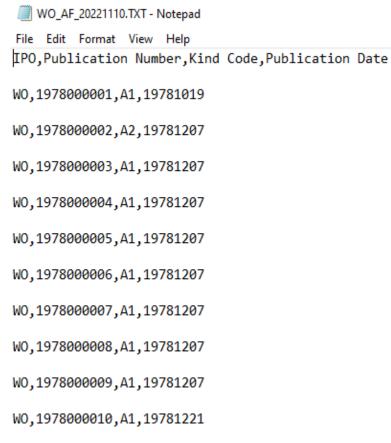
- Monitoring tool for PCT applications
- Implementation of the new ST26 and ST37 formats
- New collections
  - Malta, Austria and Switzerland plus MDPI and EEE (soon!) from NPL
- Data cleansing (entities resolution)

## Monitoring tool for PCT applications

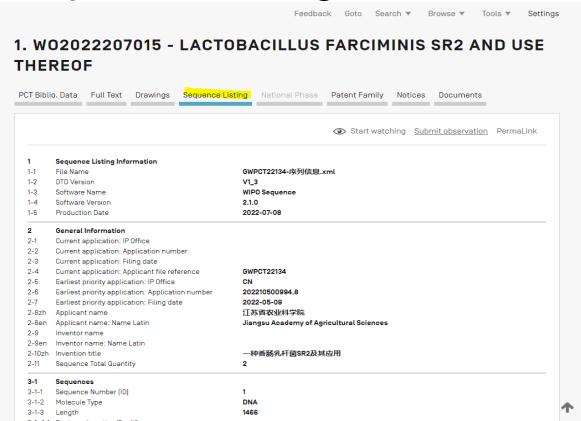


## Authority File – ST37

Name	Туре	Compressed size
WO_AF_20221110.TXT  WO_AF_gazette452022_20221110.TXT		15,252 KB 10 KB
WO_AF_year2022_20221110.TXT	lext Document	651 KB



## Sequence Listing – ST26



## Brainstorming – New Features

- Enhancing Queries(spell checking, suggestion and query re- ranking, query builder)
- Improve search performance
- semantic search, lemmatization
- sequence listing search
- citations search
- highlight keywords in different colours

 From Users Wish list: CPC in download list, filing date, publication date in the PCT weekly gazette, indicate more visible when grants are part of the record, which fields are PCT only, which fields are stemmed

# Thank you!

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