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

Feedback   Search ▼   Browse ▼   Tools ▼   Settings

NATIONAL COLLECTIONS - DATA COVERAGE

Offices for which PCT national phase information is available

Updated: November 13, 2022

Country	Latest Biblio	Update Frequency	Biblio Data	Abstract	Chemical Data	Chemical indexed	Doc images	OCR [full-text] Indexed		Nb records
PCT	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	Total: Arabic: German: English: Spanish: French: Japanese: Korean: Portuguese: Russian: Chinese:	4,448,697 200 428,940 2,488,047 29,822 144,088 746,827 153,585 8,068 22,457 430,883	4,454,228
African Regional Intellectual Property Organization [ARIPO]			03.07.1985 – 28.07.2008	03.07.1985 – 28.07.2008			1,678	Total: English:	1,671 1,671	1,888
Argentina	04.11.2022	Monthly	11.02.1965 – 28.10.2022	31.10.1990 – 28.10.2022			9,741	Total: Spanish:	8,906 8,906	173,540
Australia	07.11.2022	Weekly	14.01.1900 – 27.10.2022	08.01.1981 – 27.10.2022				Total: English:	722,564 722,564	1,833,554
Austria	18.09.2022	Monthly	10.07.1963 – 15.09.2022	25.06.1988 – 15.09.2022				Total: German:	10,373 10,373	675,838

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	Help		What's new
12.09.2022	new NPL		What's new
28.08.2022	Field Combiation		
21.08.2022	AI Index		Miscellous
14.08.2022	cpc searches		Search
07.08.2022	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 may2022		What's new

How to search

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 docum
queries would best achieve this result?

○ steam OR engine
○ steam AND engine
○ steam NEAR engine
○ steam BEFORE engine

Feedback   Search

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                                Type            Compressed size
WO_AF_20221110.TXT                  Text Document       15,252 KB
WO_AF_gazette452022_20221110.TXT    Text Document           10 KB
WO_AF_year2022_20221110.TXT         Text Document          651 KB
```

WO_AF_20221110.TXT - Notepad

File Edit Format View Help

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IPO,Publication Number,Kind Code,Publication Date

WO,1978000001,A1,19781019

WO,1978000002,A2,19781207

WO,1978000003,A1,19781207

WO,1978000004,A1,19781207

WO,1978000005,A1,19781207

WO,1978000006,A1,19781207

WO,1978000007,A1,19781207

WO,1978000008,A1,19781207

WO,1978000009,A1,19781207

WO,1978000010,A1,19781221
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Sequence Listing – ST26

1. WO2022207015 - LACTOBACILLUS FARCIMINIS SR2 AND USE THEREOF

PCT Biblio. Data   Full Text   Drawings   **Sequence Listing**   National Phase   Patent Family   Notices   Documents

👁 Start watching   Submit observation   PermaLink

1	**Sequence Listing Information**	
1-1	File Name	GWPCT22134-序列信息.xml
1-2	DTD Version	V1_3
1-3	Software Name	WIPO Sequence
1-4	Software Version	2.1.0
1-5	Production Date	2022-07-08
2	**General Information**	
2-1	Current application: IP Office	
2-2	Current application: Application number	
2-3	Current application: Filing date	
2-4	Current application: Applicant file reference	GWPCT22134
2-5	Earliest priority application: IP Office	CN
2-6	Earliest priority application: Application number	202210500994.8
2-7	Earliest priority application: Filing date	2022-05-09
2-8zh	Applicant name	江苏省农业科学院
2-8en	Applicant name: Name Latin	Jiangsu Academy of Agricultural Sciences
2-9	Inventor name	
2-9en	Inventor name: Name Latin	
2-10zh	Invention title	一种香肠乳杆菌SR2及其应用
2-11	Sequence Total Quantity	2
3-1	**Sequences**	
3-1-1	Sequence Number [ID]	1
3-1-2	Molecule Type	DNA
3-1-3	Length	1466

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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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