

# WIPO Global Databases

Christophe Mazenc CWS– December 7, 2023

PATENTSCOPE: [patentscope.wipo.int](https://patentscope.wipo.int)

Global Brand Database: [branddb.wipo.int](https://branddb.wipo.int)

Global Design Database: [designdb.wipo.int](https://designdb.wipo.int)

But also national collections, at the end of November 2023:

PATENTSCOPE contains 114 million documents from 78 national/regional IP authorities (see [https://patentscope.wipo.int/search/en/help/data\\_coverage.jsf](https://patentscope.wipo.int/search/en/help/data_coverage.jsf)) and 4 NPL publishers.

Global Brand Database contains 63 million records from 70 national/regional TM authorities (see <https://branddb.wipo.int/en/coverage>)

Global Design Database contains 15 million records from 39 national/regional TM authorities (see <https://branddb.wipo.int/en/coverage>)

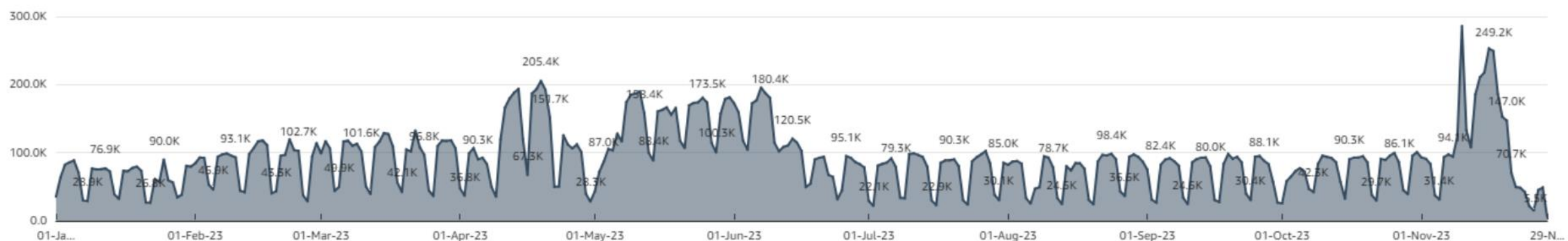
Global databases are free but certainly not entry level:

PATENTSCOPE: Cross lingual search, chemical compounds search, Markush claims search, NPL search, best quality machine translation

Global Brand Database: phonetic search, image similarity search, goods and services similarity search

# Global databases are heavily used from everywhere in the world

How are Visits trending



60'000 unique visitors per business day  
90'000 visits per business day  
1.5 million page views per business day

# How to join ?

If the national IP collections of your office are not yet in WIPO's Global databases or if the data transfer has been interrupted and your national collections are outdated:

- Write an email to [patentscope.wipo.int](mailto:patentscope.wipo.int) or to [gbd@wipo.int](mailto:gbd@wipo.int) to initiate discussions
- WIPO has a template data exchange agreement that can serve as a basis for agreeing on the terms
- It is a big advantage if your office uses WIPO IPAS software suite or follows the WIPO standards for storing the documents/data but it is not mandatory
- For data transfers, WIPO uses simple data exchange means like sftp for the updates and one-time transfer using a physical media for the backfile
- The office retains ownership and remains in control of its IP data as the global databases take steps to avoid massive downloads from internet and WIPO does not redistribute national IP data from its member states to any third party

# Benefits for offices

- Dissemination of the national IP data worldwide with traffic redirection (build trust in the national IP system and brings international filers)
- Improved searchability of national collection for users in the country
- Quality and completeness check when onboarding a new IP collection (Here, notably feedback is given on the compliance with the WIPO standards)
- Global databases can be used as complimentary search tools and/or documents source by examiners (notably for PCT)
- Inclusion of national patents in PATENTSCOPE patent families (which helps for second examination, finding translation equivalents and improves searchability of national patents)
- Bilateral technical cooperation with WIPO with access to WIPO technical experts (notably in Machine Learning)

# Possible topics of bilateral technical cooperation

⇒ Assistance in building Authority files

⇒ Assistance in producing searchable full text for national patents and claims in the original language

⇒ Access to WIPO customized AI tools with WIPO and national data included in the training sets

⇒ Cooperation in building training sets



# Access to the PATENTSCOPE OCR tool

- ⇒ For national patent documents available only in image form (PDF or TIFF images)
- ⇒ Solution consists of an OCR engine, a proofreading graphical user interface and an export module to ST36 XML and HTML
- ⇒ The proofreading is labor intensive to produce high quality full text, so the office needs to dedicate an adequate amount of human resources proportional to the number of patent document pages published per month and to the quality of scanning and complexity of the documents
- ⇒ Used by 16 offices that can share their feedback on the tool

# Access to PCT docx to st.36 xml application body converter

- ⇒ Available as a REST web service, requiring strong authentication
- ⇒ Input: one docx file  
Output: a zip containing xml, images and a report detailing any warnings that might be relevant
- ⇒ demo portal is available for all to try: <https://pct.wipo.int/DocConverter/>

# PCT docx to st.36 xml application body converter

← ↻ <https://pct.wipo.int/DocConverter/pages/home.xhtml;z=858B8434AEEA38C3B907861E5973520B>



**WIPO** Document Converter

English ▾

## Application Body Converter ▾

### Usage:

- Use the Upload and convert button below to select a DOCX application body file.
- The system will then attempt to convert the document to Annex F application body XML format.
- The results will consist of:
  - the application body XML file (along with images)
  - the application body in PDF format (rendered from the XML)
  - the application body HTML file (along with images)
  - a Clean DOCX file (document with unrecognised content removed. You may use this Clean docx in your editor to compare the recognised content with your original to revise the document and upload it again if required)
  - a conversion report
- Click on the drop-down arrow above to access samples and templates in the 10 PCT publication languages, as well as a brief user guide.

Select a file

Upload and convert

# WIPO Translate for patent texts for offices

- ⇒ Available to WIPO member states patent offices
- ⇒ Through a license agreement signed with WIPO
- ⇒ Installed on the IP offices premises, (hardware to be procured by the receiving office), therefore can be used to translate confidential patent applications
- ⇒ Market competitive quality, trained on parallel patent text corpora: high quality full text required, at minimum 10'000 aligned documents for a new language
- ⇒ AR, DE, EN, ES, FI, FR, IT, JA, KO, PL, PT, RU, ZH supported today