Global Patent Index (GPI)

Improve your search result lists completeness using Asian names

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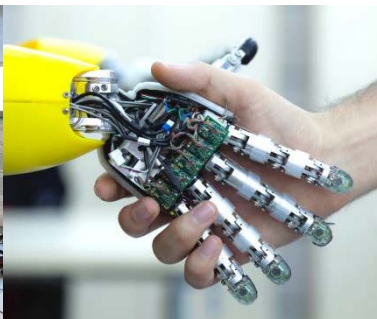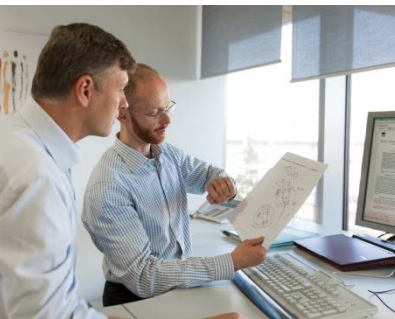
GPI database content

- GPI uses EPO worldwide data collections (DOCDB, INPADOC)

- Current content: **111 M** publications (**48 M** from CN JP KR)

- Every month: **0,5 M** new publications added (**0,3+ M** from CN JP KR)

Monitoring using GPI

- Consists of running searches, e.g. monthly or quarterly, and of producing result sets for subsequent analysis/reporting activities

- Applies to **publications available for the first time** in GPI

- **Publications available for the first time** does not necessarily mean **newly published** (deliveries from IP authorities often include recent and less recent publications)

- **Conclusion**: publication dates cannot be used for monitoring purposes

Monitoring of applicants using GPI

- Recent CN JP KR publications available in GPI usually include applicant names in original language only

- Some less recent CN JP KR publications available in GPI may have applicant names in original language only, and some others may have applicant names in original language and in Latin alphabet

- **Conclusion**: query enrichment with applicant names in Latin alphabet and in Asian languages improves the completeness of your search result lists

Monitoring queries

Scenario: quarterly monitoring of **Siemens AG** in CN publications

- Query part 1: DFE [201806, 201808]

  returns publications added for the first time in GPI between June an August

- Query part 2: PUC = CN and APP = "Siemens AG" or 西门子公司

  returns CN publications where the applicant is Siemens AG (Latin or zh)

- Monitoring query (combination of part 1 and 2):

  DFE [201806, 201808] and PUC = CN and APP = "Siemens AG" or 西门子公司
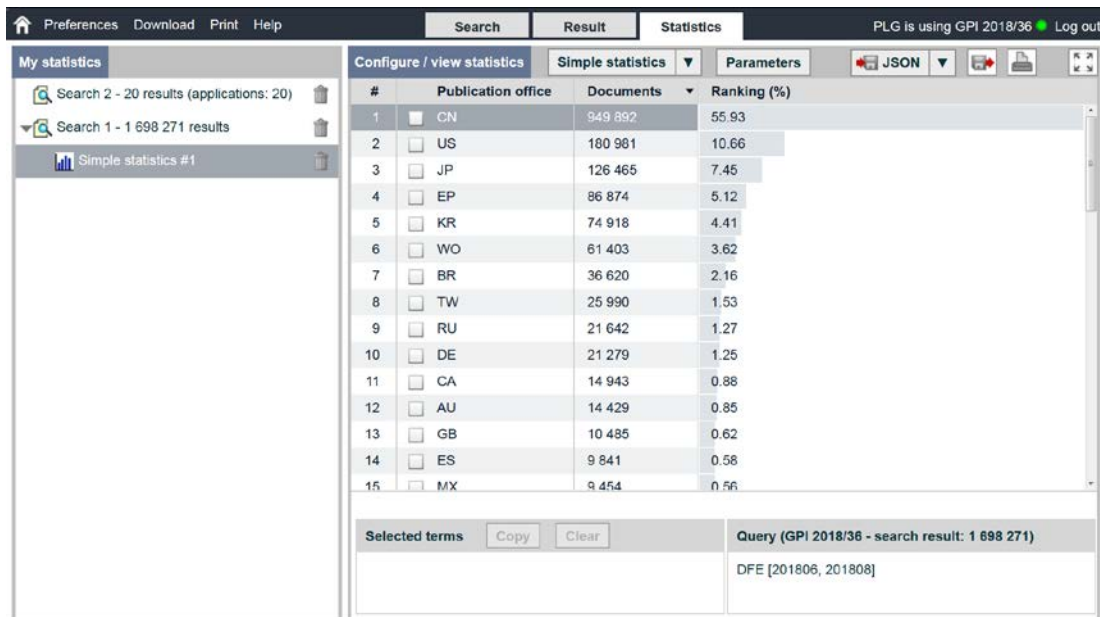
Live demo

ANNEX (live demo content)

DFE [201806, 201808]

DFE = date of first exchange, i.e. date publications added for the first time in GPI between June and August this year.

Search run at the earliest on Friday 07/09 after 12:00 CET

Simple statistics on the search result set with parameter "Publication office":

ANNEX (live demo content)

DFE [201806, 201808] and PUC = CN
0,9 M CN publications with publication dates ranging from 2009 to 2018

DFE [201806, 201808] and PUC = CN andnot APP=*
Preliminary search to assess data quality, i.e. to evaluate the risk of not retrieving relevant publications due to missing bibliographic data (possible missing applicants in this example)

DFE [201806, 201808] and PUC=CN and APP = "Siemens AG"
Low search result due to applicant names available only in Chinese language in recent publications

ANNEX (live demo content)

Customise result list content to see Siemens AG in Chinese language (columns "Applicant" and "Applicant (original)" are added) and use Chinese name(s) in queries to improve result list completeness:

Result list ⏮ ◀ 1 / 20 ▶ ⏭		
Publication	**Applicant**	**Applicant (ORIGINAL)**
CN 108073130 A 20180525	SIEMENS AG	西门子公司
CN 108110728 A 20180601	SIEMENS AG	西门子公司
CN 108109887 A 20180601	SIEMENS AG	西门子公司
CN 207337496 U 20180508	SIEMENS AG	西门子公司
CN 108072819 A 20180525	SIEMENS AG	西门子公司
CN 207333301 U 20180508	SIEMENS AG	西门子公司
CN 207363713 U 20180515	SIEMENS AG	西门子公司
CN 207442384 U 20180601	SIEMENS AG	西门子公司

DFE [201806, 201808] and PUC=CN and APP = "Siemens AG" or 西门子公司

Simple families could be retrieved using only "Siemens AG" due to family members with "Siemens AG" in Latin alphabet but simple family picture sometimes limited to CN publications only with 西门子公司

ANNEX (live demo content)

DFE [201806, 201808] and PUC=CN and APP = Siemens or 西门子*

Wildcards can be used with names (right truncation in this example) to retrieve publications with Siemens AG or Siemens Healthcare or Siemens Sensors and Communications, etc.

Thank you for your attention

GPI Forum

Patent Information news

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