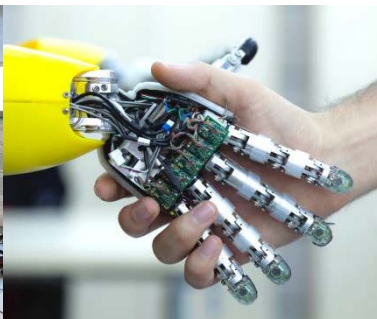
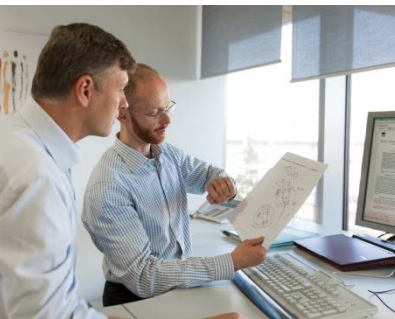




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des brevets


# PATSTAT beginner user interface



# Beginners interface goals

- Lower access barrier to PATSTAT
- Help unexperienced users with no SQL knowledge to generate some basic queries
- Use the generated queries as a starting point for more sophisticated queries


# Beginners interface queries

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Beginner

Expert

Query



Subject ⓘ

I am interested in

Technical field ⓘ

the chronological development of a technical field

the chronological development of a technical field

potential markets for a technology

technologies used in a technical field

the most active applicants in a technical field

▼ ⓘ

# Beginners interface Overview

Result table 1 / 16		
Row	appln_filing_year	NumberOfPatentApplications
1	2000	90750
2	2001	103364
3	2002	108827
4	2003	118135
5	2004	119777
6	2005	121307
7	2006	119819
8	2007	117827
9	2008	117612
10	2009	112199

I am interested in the chronological development of a technical field ⓘ

---

Technical field ⓘ Add Field

B08B ⓘ IPC aid x

H01 ⓘ IPC aid x

---

Time period ⓘ Between 2000 and 2015

---

SQL statement ☒ Overview ☐ Details (to generate charts)

```
SELECT a.appln_filing_year, COUNT(DISTINCT a.appln_id) AS NumberOfPatentApplications
FROM tls201_appln a
JOIN tls209_appln_ipc i ON a.appln_id = i.appln_id
WHERE (i.ipc_class_symbol LIKE 'B08B%'
       OR i.ipc_class_symbol LIKE 'H01%'
       ) -- Change IPC symbol here
AND a.appln_filing_year BETWEEN 2000 AND 2015 -- Define year range here
GROUP BY a.appln_filing_year
ORDER BY a.appln_filing_year
```

Run query Edit in expert mode

# Beginners interface

## Details

I am interested in  ⓘ

---

Technical field ⓘ

<input type="text" value="H01S"/>	▼	<input type="button" value="IPC aid"/>	<input type="button" value="x"/>
<input type="text" value="H01L"/>	▼	<input type="button" value="IPC aid"/>	<input type="button" value="x"/>

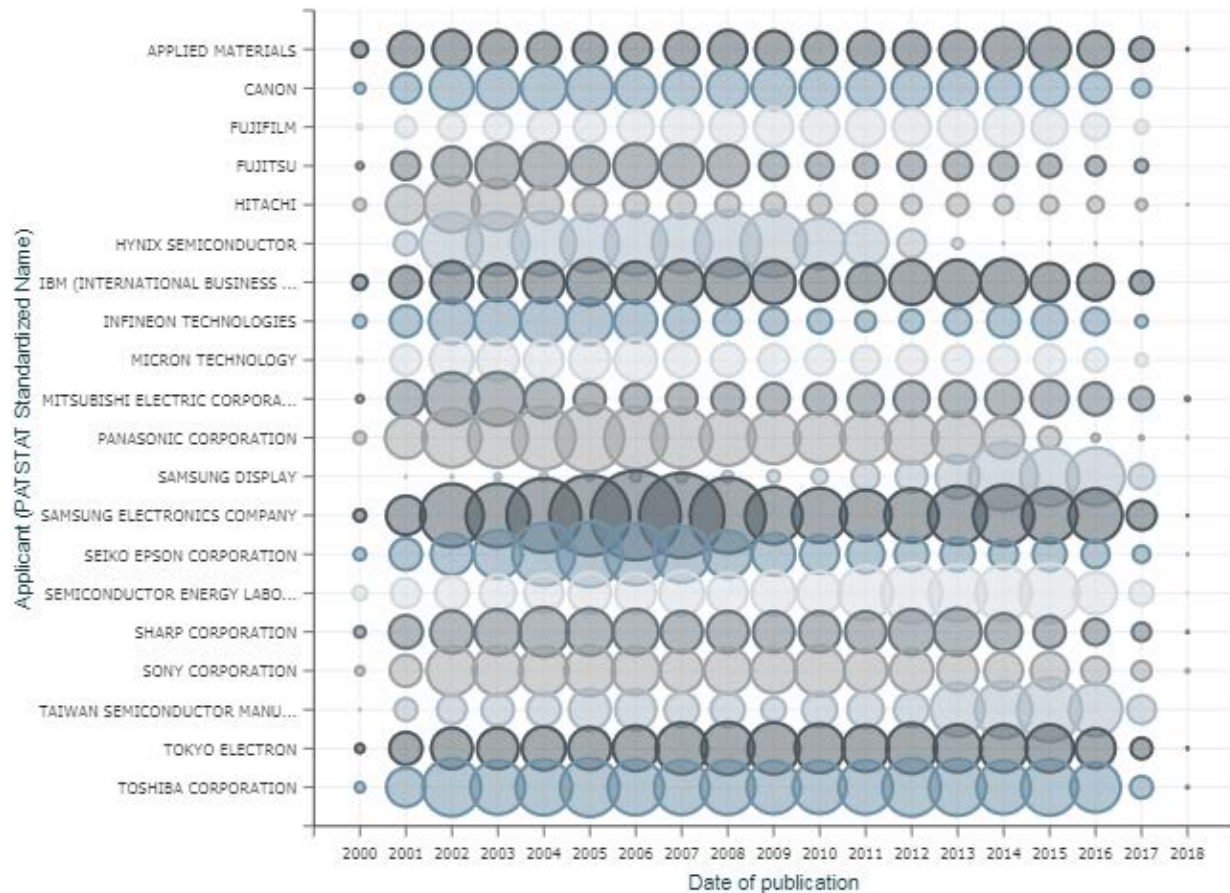
---

Time period ⓘ Between  and

---


SQL statement ☐ Overview ☒ Details (to generate charts)


```
SELECT DISTINCT a.appln_filing_year, a.appln_id, a.appln_auth, a.appln_nr, a.appln_kind, a.a
FROM tls201_appln a
JOIN tls209_appln_ipc i ON a.appln_id = i.appln_id
WHERE (i.ipc_class_symbol LIKE 'H01S%'
       OR i.ipc_class_symbol LIKE 'H01L%'
       ) -- Change IPC symbol here
AND a.appln_filing_year BETWEEN 2000 AND 2015 -- Define year range here
ORDER BY a.appln_filing_year, a.appln_id
```




## Tables

Global

►  tls201\_appln

►  tls202 appln title


►  tls203 appln abstr

►  tls204\_appln\_prior


► [tls205\\_tech\\_rel](#)

►  **tls206\_person**

►  tls207\_pers\_appln

►  tls209\_appln\_ipc

►  tls210\_appln\_n\_cls

▼  tls211\_pat\_publn

pat\_publn\_id

publn auth

publn\_nr

publn\_nr\_original

 publn\_kind

appln_id	appln_nm	appln_desc	appln_cat	appln_subcat	appln_status	appln_created	appln_modified	appln_deleted	appln_created_by	appln_modified_by	appln_deleted_by
1	Application 1	Application 1 Description	Application 1 Category	Application 1 Subcategory	Application 1 Status	Application 1 Created	Application 1 Modified	Application 1 Deleted	Application 1 Created By	Application 1 Modified By	Application 1 Deleted By
2	Application 2	Application 2 Description	Application 2 Category	Application 2 Subcategory	Application 2 Status	Application 2 Created	Application 2 Modified	Application 2 Deleted	Application 2 Created By	Application 2 Modified By	Application 2 Deleted By
3	Application 3	Application 3 Description	Application 3 Category	Application 3 Subcategory	Application 3 Status	Application 3 Created	Application 3 Modified	Application 3 Deleted	Application 3 Created By	Application 3 Modified By	Application 3 Deleted By
4	Application 4	Application 4 Description	Application 4 Category	Application 4 Subcategory	Application 4 Status	Application 4 Created	Application 4 Modified	Application 4 Deleted	Application 4 Created By	Application 4 Modified By	Application 4 Deleted By
5	Application 5	Application 5 Description	Application 5 Category	Application 5 Subcategory	Application 5 Status	Application 5 Created	Application 5 Modified	Application 5 Deleted	Application 5 Created By	Application 5 Modified By	Application 5 Deleted By
6	Application 6	Application 6 Description	Application 6 Category	Application 6 Subcategory	Application 6 Status	Application 6 Created	Application 6 Modified	Application 6 Deleted	Application 6 Created By	Application 6 Modified By	Application 6 Deleted By
7	Application 7	Application 7 Description	Application 7 Category	Application 7 Subcategory	Application 7 Status	Application 7 Created	Application 7 Modified	Application 7 Deleted	Application 7 Created By	Application 7 Modified By	Application 7 Deleted By
8	Application 8	Application 8 Description	Application 8 Category	Application 8 Subcategory	Application 8 Status	Application 8 Created	Application 8 Modified	Application 8 Deleted	Application 8 Created By	Application 8 Modified By	Application 8 Deleted By
9	Application 9	Application 9 Description	Application 9 Category	Application 9 Subcategory	Application 9 Status	Application 9 Created	Application 9 Modified	Application 9 Deleted	Application 9 Created By	Application 9 Modified By	Application 9 Deleted By
10	Application 10	Application 10 Description	Application 10 Category	Application 10 Subcategory	Application 10 Status	Application 10 Created	Application 10 Modified	Application 10 Deleted	Application 10 Created By	Application 10 Modified By	Application 10 Deleted By

publn\_date

publn\_lg

publn\_first\_grant


publn\_claims

►  tls212\_citation

►  tls214\_npl\_publn

►  `tls215_citn_catag`

►  tls216\_appln\_contn

►  tls222\_appln\_jp\_class

## Query

```
SELECT DISTINCT a.appln_filing_year, a.appln_id, a.appln_auth, a.appln_nr, a.appln_kind, a.appln_filing_date
FROM t1s201_appln a
JOIN t1s209_appln_ipc i ON a.appln_id = i.appln_id
WHERE (i.ipc_class_symbol LIKE 'H01S%'
       OR i.ipc_class_symbol LIKE 'H01L%'
       ) -- Change IPC symbol here
AND a.appln_filing_year BETWEEN 2000 AND 2015 -- Define year range here
ORDER BY a.appln_filing_year, a.appln_id
```

## Messages

```
11:20:31 PM [SELECT - 16 row(s), 7.432 secs, server #0] Result set fetched
11:20:40 PM [Result table, 0.039 secs, server #0] Data fetched
11:26:02 PM [SELECT - 1 878 314 row(s), 9.466 secs, server #0] Result set fetched
```

## History

ID	Database	Result	Query
\$28	PATSTAT ...	1 878 314	SELECT DISTINCT a.appln_filing_year, a.appln_id, a.appln_auth, a.appln_n FROM t1s201_appln a JOIN t1s209_appln_ipc i ON a.appln_id = i.appln_id WHERE (i.ipc_class_symbol LIKE 'H01S%' OR i.ipc_class_symbol LIKE 'H01L%' ...
\$27	PATSTAT ...	16	SELECT a.appln_filing_year, COUNT(DISTINCT a.appln_id) AS NumberOfP FROM t1s201_appln a JOIN t1s209_appln_ipc i ON a.appln_id = i.appln_id