



Vikram Sarabhai Library

Read Experience And Discover

Searching Basics on Derwent Innovation

<https://www.derwentinnovation.com/login/>

Boolean Operators (1/2)

| Operator | Use | e.g. / notes |
|----------|--|--|
| OR | Use this operator for searching synonyms. | (Car OR Vehicle OR Motorcycle) |
| AND | Use this operator to search for documents containing all conditions. | (Electric AND car) |
| NOT | Use this operator to exclude documents that contain the keywords after NOT | (Car NOT Truck) |
| * | Expander, can be as prefix or suffix for # of characters. # = 1-99. | <ul style="list-style-type: none">• Car* (to capture car, cars, cart, carriage etc.)• *cide (to capture fungicide, bactericide, microbicide, biocide etc.)• E.g. *carbon* (to capture bicarbonate, carbonaceous, etc.)• Be cautious, as it will also pick any other non-relevant terms. |
| >= | Greater than equal to, used for date searching. | PY>=(2000), will capture patents with publication year of 2000 and onwards. |
| <= | Less than equal to, used for date searching. | PY<=(1999), will capture patents with publication year up to 1999. |

Boolean Operators (1/2)

| Operator | Use | e.g. / notes |
|-------------------------|--|--|
| NEAR_n | Use this operator for bi-directional proximity. Proximity of words to one another n # = 1-99. | <ul style="list-style-type: none">• (water NEAR2 bottle) means water and bottle separated by a maximum of two words.• Captures patent disclosing water bottle, bottle of water, bottle of hot water. However, it will not capture patent disclosing water inside a yellow plastic bottle. |
| ADJ_n | Use this operator for uni-directional proximity. Proximity of words to one another n # = 1-99. | <ul style="list-style-type: none">• (water ADJ2 bottle) means water (first word) followed by a maximum of two words, followed by bottle (second word).• However, the reverse order does not work, as its uni-directional.• Capture patent disclosing water bottle, hot water in bottle. However, it will not capture patent disclosing water inside a yellow plastic bottle, or bottle of water. |
| SAME | Use this operator to identify two keywords within the same paragraph. Bi-directional. | <ul style="list-style-type: none">• (Antimicrobial SAME plastic), will capture patents which contain both antimicrobial and plastic in the same paragraph. |

Important Fields in Derwent Innovation

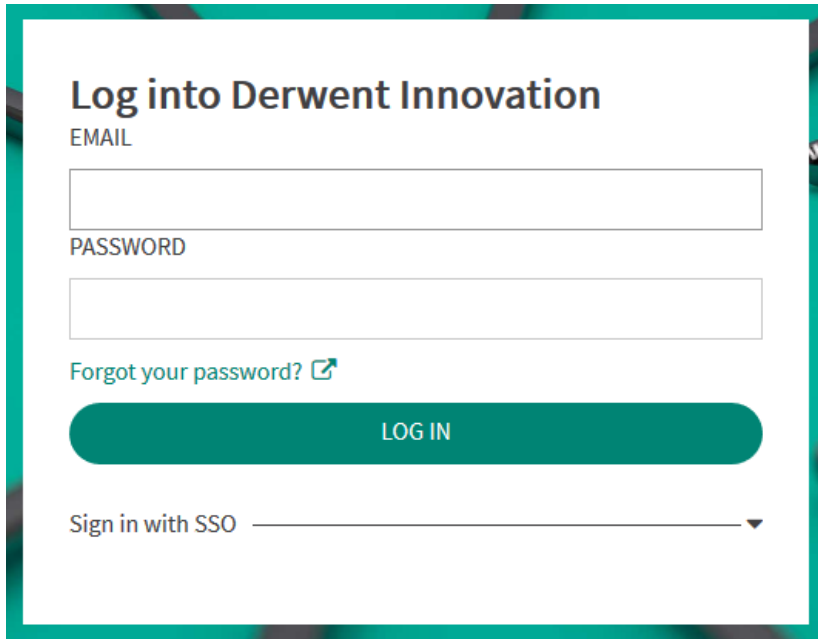
| Field | Coverage |
|------------------------|--|
| Title | Searches in all Titles (including DWPI) in the platform |
| Title – DWPI* | Searches only in DWPI Title |
| DWPI Novelty* | Searches only in the DWPI Novelty field which explains the novelty of the invention |
| DWPI Advantage* | Searches only in the DWPI Novelty field which explains the advantages of the invention |
| DWPI Use* | Searches only in the DWPI Novelty field which explains the use of the invention |
| Claims Title Abstract | Searches in Title Original, Abstract Original, Claims, Title DWPI, and Abstract DWPI |
| All Text | Searches in all text fields (including background, summary, description) |
| Claims | Searches only in the claims |
| Publication date | Searches in Publication date of patent |
| Application date | Searches in Application date of patent |
| Priority date-Earliest | Searches in First filing (priority application) date of patent |
| Assignee/Applicant | Patent owner name search |
| Inventor | Patent inventor name search |
| Country Code | Patent publication country code |

Basics of Searching

- **Step 1:** Identify the different unique concepts in your search objective.
- **Step 2:** For each concept, identify synonyms.
- **Step 3:** Put all the synonyms in parentheses using OR operator (synonym 1 OR synonym 2 OR synonym 3)
- **Step 4:** Perform step 3 for each concepts.
- **Step 5:** Stitch the concepts together using appropriate operator (NEARn, ADJn, AND) and enclose all concepts with a parentheses.
 - For e.g. ((concept 1 synonym 1 OR synonym 2 OR synonym 3) NEAR2 (concept 2 synonym 1 OR synonym 2) AND (concept 3 synonym 1 OR synonym 2))
- **Step 6:** Select the appropriate field in which you want to run this search:
 - For narrow – run in Title
 - For optimum – run in Claims Title Abstract
 - For broad – run in ALL fields
- **Step 7:** Add any additional limitation for e.g. Country Code, Publication date range, etc., if needed, and run the search.

Logging in to Derwent Innovation

Screen 1

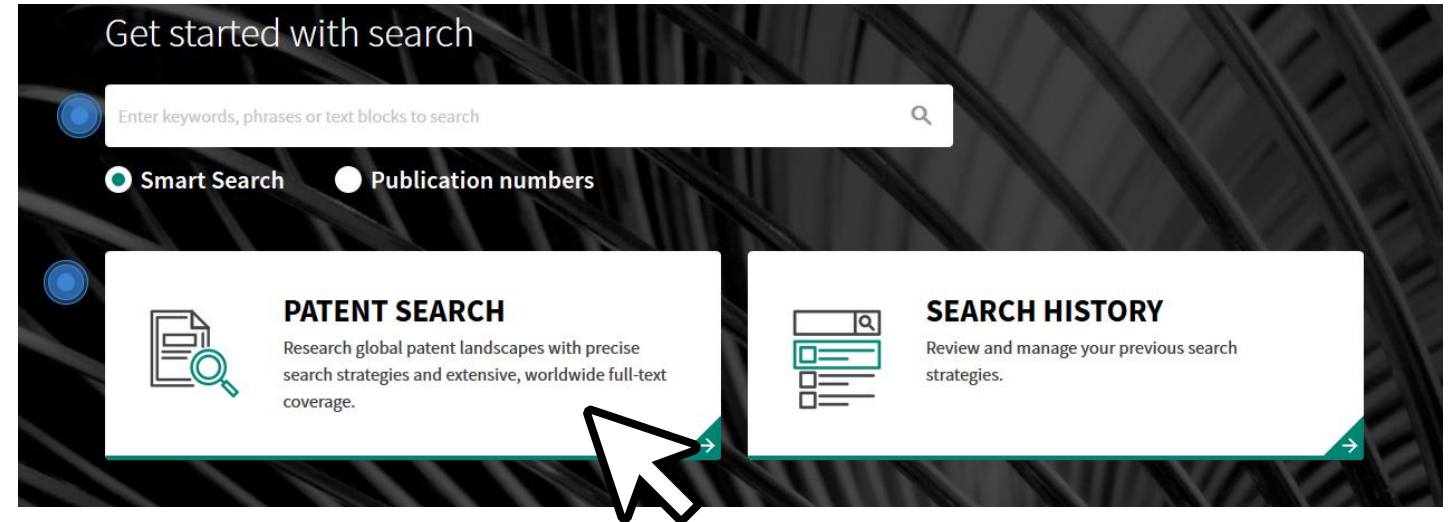


The screenshot shows the login interface for Derwent Innovation. It features a title 'Log into Derwent Innovation' followed by two input fields labeled 'EMAIL' and 'PASSWORD'. Below the password field is a link 'Forgot your password?' with an external link icon. A large teal 'LOG IN' button is positioned below the links. At the bottom, there is a 'Sign in with SSO' option with a dropdown arrow.

<https://www.derwentinnovation.com/login/>

Use the link to open Derwent Innovation.
Put in the user ID and password to log in

Screen 2



Click on Patent Search to start searching

Searching on Derwent Innovation

Patent search

Publication number

Search template

No template selected

STEP 1
Click on
Patent Search

Patent collections ⓘ

All authorities with DWPI

STEP 2
Ensure All
authorities with
DWPI is selected

Change collections

STEP 3
Select Fielded
Search

FIELD

EXPERT

Search fields

Create a search with your choice of fields and operators (AND, OR, NOT). Need help? Learn [query creation basics](#), or see details for specific fields in the selection menus

Title/Abstract/Claims

(concept 1 OR synonym) AND (concept 2 or synonym) AND (concept 3)

AND OR NOT

Country Code

(IN OR US OR EP OR JP)

AND OR NOT

Publication Date

2015-01-01



to

2020-09-01



+ -

+ -

+ -

- STEP 4**
- Prepare a search string using the concepts discussed in slides # 2-5.
 - You can use the drop-down menu to select different fields.
 - Use the +/- sign to add/delete fields.
 - Ensure use of brackets for each concept.

STEP 5
Click on Search to run the
search on the platform

Clear all

Revert

Search

Analyzing results on Derwent Innovation

☐ 2,827 individual records ☐ 2,310 DWPI families ☐ 2,326 INPADOC families ☒ 2,406 application numbers

No filters applied [Filters](#)

[RESULTS](#) [INSIGHTS](#)

STEP 1
Make sure to select application numbers

- Scroll through the list to view the result dataset.
- Click on **Highlighting** to add keywords to be highlighted for ease of review.
- Click on **Manage Columns** to add more fields (for e.g. Novelty, Abstract etc.) in this view.
- Click on the publication number that you would like to read in detail.

| <div>Highlighting</div> <div>Manage columns</div> <div>Advanced sort</div> | | | | | | | |
|--|----------------------|------------------|--|----------------------|------------------------|----------------------|--------------------|
| <div>▶ </div> | ↑ PUBLICATION NUMBER | ↑ IP CASES | DWPI TITLE | ↑ OPTIMIZED ASSIGNEE | ↑ INVENTOR | ↑ ASSIGNEE/APPLICANT | ↑ PUBLICATION DATE |
| <div>✓</div> | CN101034256B | <div>VIEW </div> | Resist pattern thickening material, contains resin, crosslinking agent, and compound having a cyclic structure | FUJITSU LIMITED | OZAWA YOSHIKAZU | FUJITSU LTD | 2010-12-29 |
| <div>✓</div> | US20100222297A1 | - | Fungal biomass extract for removal of biocides and other contaminants from food-grade liquids, especially alcoholic beverages | KITOZYME SA | Teissedre Pierre-Louis | | 2010-09-02 |
| <div>✓</div> | US20100221382A1 | - | Fungal biomass extract for removal of biocides and other contaminants from food-grade liquids, especially alcoholic beverages | KITOZYME SA | Teissedre Pierre-Louis | KITOZYME SA | 2010-09-02 |
| <div>✓</div> | CN1950563B | - | System for treating fabric articles, e.g. clothing, comprises drying appliance and treatment device including source for containing fabric treatment composition and nozzle for dispensing composition in drying appliance | PROCTER & GAMBLE CO. | DUVAL D L | PROCTER & GAMBLE | 2010-11-03 |
| <div>✓</div> | CN1665554B | <div>VIEW </div> | New aminated oligo- or polysaccharide derivatives obtained from heparin, chitosan or chitin, useful for | FREUDENBERG & CO. | HORRES | HEMOTEQ GMBH | 2011-05-18 |

Reading records on Derwent Innovation

On clicking any publication number, a new record view page would open.

«

Patent Record View - US20100222297A1

»

US20100222297A1

Request expert translation

Help

Add to Work file

Mark record

Watch record

Download

Translate

Highlight

Print

All documents

Key summary data

Read the key summary of this record

Patent

Dead

DWPI family

Alive

View details

INPADOC family

Alive

View details

Original assignee

KITOZYME SA

Publication date

2010-09-02

Expiration date

-

View factors

Remaining life

-

Domain Influence

6.33

Jump to

Bibliography

Abstract

Classes/Indexing

Legal status

Family

Claims

Description

Citations

Other

Custom fields

Bibliography

DWPI title

Fungal biomass extract for removal of biocides and other contaminants from food-grade liquids, especially alcoholic beverages

Original Title

CELL WALL DERIVATIVES, THEIR PREPARATION PROCESS, AND USE THEREOF

Optimized Assignee/Ultimate Parent

| Optimized Assignee | Ultimate Parent |
|--------------------|-----------------|
| KITOZYME SA | KITOZYME SA |

Images

Highlighting

Click to view Images and Highlights for ease of review

Record 2 of 2406

«

<

1 2 3 4 5 6 7

>

Mark

>>

Go to page

Go

Click to read the next record

Exporting results from Derwent Innovation

Export

☒ Selected Records(2406) ☐ All Records(2827)

Format

Excel 2007(.xlsx)

Templates

Include

☒ Highlighting ☒ My terms ☒ Current terms ☒ Search query

Fields

Available fields

Field Sets

Brief

Biblio

Biblio+Abstract

Family Member Report

Fam Mem & Legal Status Report

Assignee Report

Export field list

Publication Number

Title

Title - DWPI

Priority Number

Priority Number - DWPI

Priority Date

Priority Date - DWPI

Application Number

Application Date

Field options vary by format type — names in green text in selection box represent groups of fields

Create duplicate records for one multi-value field

None

Delivery

☐ Make these my defaults

Cancel

Create

STEP 3

Select format and fields and click on Create

2,827 individual records

2,310 DWPI families

2,326 INPADOC families

☒ 2,406 application numbers

No filters applied

Filters

RESULTS

INSIGHTS

STEP 1

Make sure to select application numbers

Highlighting

Manage columns

Advanced sort

| IP CASES | DWPI TITLE | OPTIMIZED ASSIGNEE | INVENTOR | ASSIGNEE/APPLICANT | PUBLICATION DATE |
|----------|--|----------------------|------------------------|--------------------|------------------|
| VIEW | Resist pattern thickening material, contains resin, crosslinking agent, and compound having a cyclic structure | FUJITSU LIMITED | OZAWA YOSHIKAZU | FUJITSU LTD | 2010-12-29 |
| - | Fungal biomass extract for removal of biocides and other contaminants from food-grade liquids, especially alcoholic beverages | KITOZYME SA | Teissedre Pierre-Louis | | 2010-09-02 |
| - | Fungal biomass extract for removal of biocides and other contaminants from food-grade liquids, especially alcoholic beverages | KITOZYME SA | Teissedre Pierre-Louis | KITOZYME SA | 2010-09-02 |
| - | System for treating fabric articles, e.g. clothing, comprises drying appliance and treatment device including source for containing fabric treatment | PROCTER & GAMBLE CO. | DUVAL D L | PROCTER & GAMBLE | 2010-11-03 |

Save records

Set alert

Export

Print

STEP 2

Click on Export

ORDER STATUS

| Delete | ORDERED | ORDER ID | ORDER TYPE | ORDER NAME | NUMBER ORDERED | AVAILABILITY | ORDER TOTAL |
|--------------------------|------------|----------|------------|--------------------------|----------------|---------------|-------------|
| <input type="checkbox"/> | 2020-09-02 | 28705207 | Export | excel2020-09-02-18-56-58 | 2406 | Available now | N/A |
| <input type="checkbox"/> | 2020-09-01 | 28696268 | Export | excel2020-09-01-20-15-57 | 176 | Available now | N/A |

STEP 4

Click on Available Now to download the file

Analyzing insights on Derwent Innovation

☐ 2,827 individual records ☐ 2,310 DWPI families ☐ 2,326 INPADOC families ☒ 2,406 application numbers

No filters applied [Filters](#)

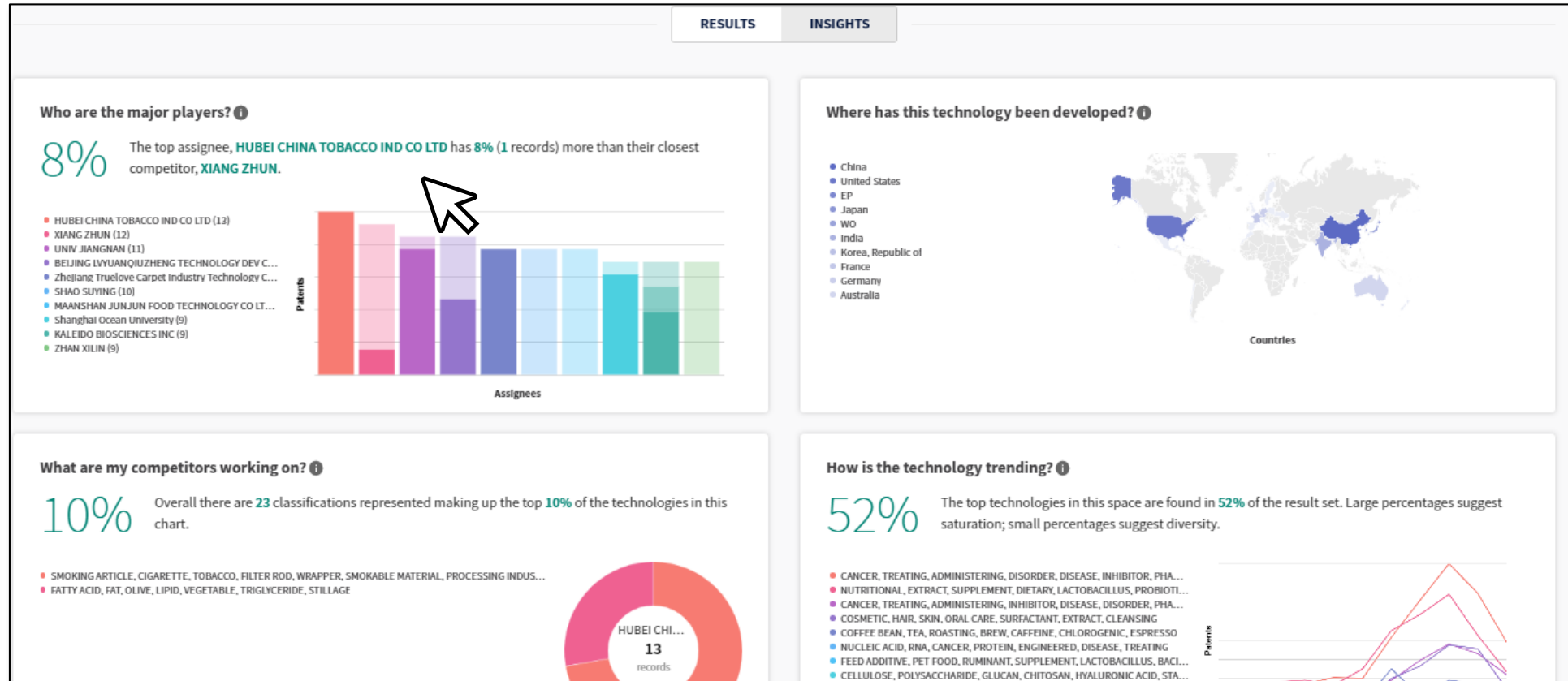
RESULTS **INSIGHTS**

STEP 1
Make sure to select application numbers. Click on Insights

STEP 2

Click on any of the **Insights** to expand and view more details around:

- Who are the major players?
- Where has this technology been developed?
- What are my competitors working on?
- How is the technology trending?



Creating Charts on Derwent Innovation

☐ 2,827 individual records ☐ 2,310 DWPI families ☐ 2,326 INPADOC families ☒ 2,406 application numbers

No filters applied

Filters

RESULTS

STEP 1

Make sure to select application numbers

Subsearch

Assignee/Inventor

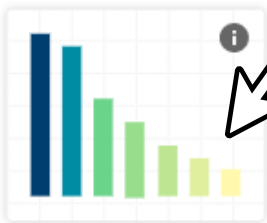
Trends and markets

Classifications

Citations

My Charts

ThemeScape and Text clustering



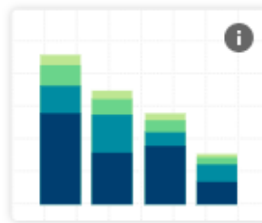
Top assignees

STEP 3
Click on any class of charts, and select individual charts to prepare

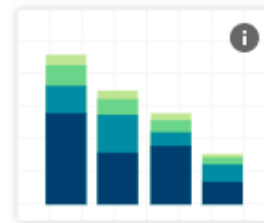
Top Optimized Assignees



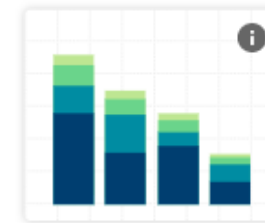
Top Ultimate Parents



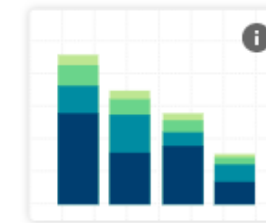
Top assignees by dead/alive



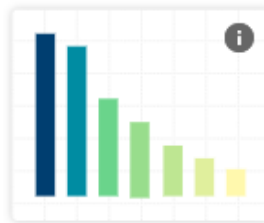
Top assignees by grants/apps/utility models



Top assignees by year



Top countries/regions by assignee



Top inventors

2406 records selected



Analyze records



Edit Custom Fields



Watch records



Create order



Save records



Set alert



Save search

Export

Print

STEP 2

Click on Analyze Records

THANK YOU



Vikram Sarabhai Library

Read Experience And Discover

Derwent Innovation [<https://www.derwentinnovation.com/login/>]