

TIP Examples

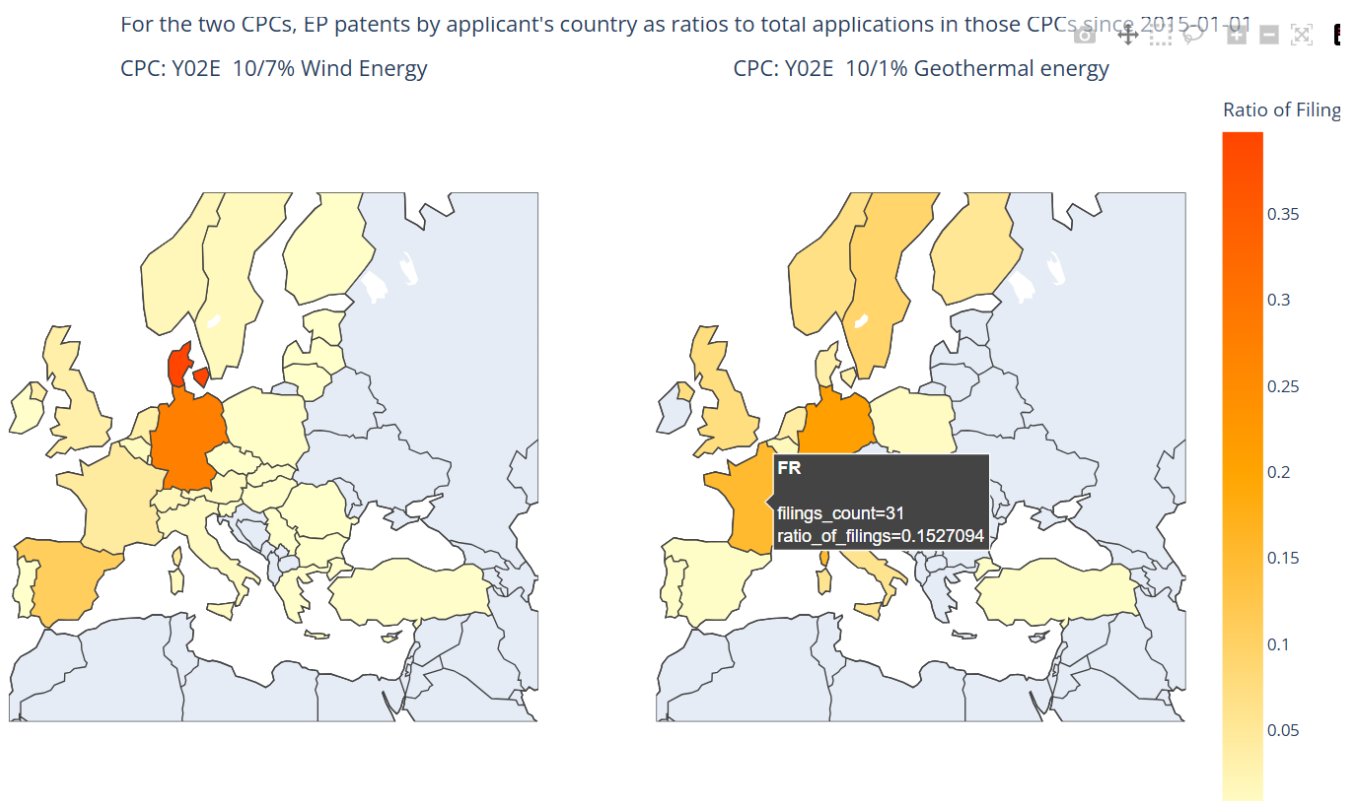
This document provides example use cases of the **Technology Intelligence Platform (TIP)** and its integrated **ASEARCH** library.

Each example highlights a practical way to explore, analyse, and visualise patent data using TIP.

1. Visualising EP Patent Filings by CPC Class and Country

Explore EP patent filings by applicant country and CPC class (e.g. Wind Energy, Geothermal Energy).

The example uses **PATSTAT** data to produce comparative choropleth maps showing filing ratios across EPC countries.



ASEARCH Library Examples

These examples demonstrate key capabilities of the **ASEARCH** library, pre-installed in TIP for National Office users.

2. Checking Legal Status of a Patent

Retrieve the current legal status and event history of an EP patent by application, publication, or priority number.

```
asearch.search_legal_status(
    patent_number="201361844921P",
    number_type="prior",
    lang_title="en"
)
```

	appln_auth	appln_nr	publn_nrs	prior_nrs	title	status	status_text	applicants	inventors	legal_events
0	EP	14172780	2824530	201361844921P	Controlling fluid flow through a vacuum chamber	7	No opposition filed within time limit	PARKER HANNIFIN CORPORATION	TROTT, John A	event_date event_code bulletin_year bu...

3. Accessing AbS Drawers

Connect directly to the **AbS** application to retrieve curated patent sets from specific projects and drawers. This example fetches documents and merges them with legal and bibliographic data automatically.

```
asearch.get_abs_drawer(
    project="SA22222",
    drawer="Dejavu"
)
```

CSV

Excel

Copy

Search:

PD	Publication	Kind	Title	Status Code	Status	Url
1978-05-12	BG24692	A1	METHOD AND DEVICE FOR ELECTRIC SHOCK STUNNING OF ANIMALS			Espacenet
2003-04-17	US2003071480	A1	Car shade and flood protection arrangement			Espacenet
2003-06-03	BE1014228	A5	ROOINRICHTING.			Espacenet
2004-07-17	CA2416498	A1	SUN SHADE FOR AN INFANT CARRIER AND AN INFANT CAR SEAT			Espacenet
2005-08-03	CN1647969	A	Mixed power car of wind power electric internal combustion engine			Espacenet
2006-05-04	US2006090858	A1	Shade structures			Espacenet
2006-10-19	AU2006201308	A1	Shade			Espacenet
2007-12-05	EP1862342	B1	Wind stop device and car with a wind stop device	7.0	No opposition filed within time limit	Espacenet
2008-11-06	AU2008201653	A1	A shade			Espacenet
2009-12-02	EP2128439	A1	An intelligent decentralized electrical power generation system	10.0	The application is deemed to be withdrawn	Espacenet
2009-12-16	GB2460886	A	Self righting post attachment			Espacenet
2010-05-19	GB2465219	A	Traffic wind turbine and ventilation unit			Espacenet
2010-07-15	AU2008264227	A1	Wind 'Sails' Turbine			Espacenet
2011-03-03	US2011048482	A1	SHADING SYSTEM			Espacenet
2011-08-17	CN201932014	U	Wind-solar energy hybrid electric automobile			Espacenet

Showing 1 to 15 of 35 entries

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2
3

4. Running a Technology Watch

Monitor new publications for a given technology using **OPS** live data. The function tracks new results over time, comparing each run to previous searches.

```
asearch.technology_watch(
    cql='(pd>20240101) and (ta all "alternative protein") and (cpc=/low A23J)'
)
```

✔ Publication numbers saved to asearch_results/technology_watch_searches/2025-10-27_45961bc5fc05ca2c4395a53ca797190a.json

Compare File: 2025-10-21_45961bc5fc05ca2c4395a53ca797190a.json Run Comparison

CSV Excel Copy

PD	Publication	Title	Url
2025-10-23	WO2025219611A1	PROCESS FOR THE PREPARATION OF MARBLED MEAT ALTERNATIVE	Espacenet