



8th ASEAN IP Register Coordinators Meeting

Topic 10 Platform Development Update

*WIPO IP Office Business Solutions
Online, May 6, 2025*

Outlines

- Two-phase platform improvements in 2025
- Technical improvements by June 2025
- Feature improvements by June 2025
- Completed proof of concepts in 2024
- Other improvements by end of 2025

Two-phase Platform Improvements in 2025

- Phase 1 (by end of June 2025)
 - Infrastructure Improvement with more scalable components
 - Improve data loading in detail processing statuses
- Phase 2 (by end of December 2025)
 - Front-end modernization with mobile-friendly support
 - Inclusion of business intelligent services in data exploration

Technical Improvements Completed / Parallel Run

- Technical improvements

Upgraded to a recent version of solr running in cloud with 3 instances instead of one static instance

- Optimized the search data structure to allow search in the latest application data snapshots (only but can be extended in future to snapshot history)

 - Applications data as published (snapshot history)

 - Applications as granted (latest snapshots)

- Improved data loading process

 - Load full ASEAN collection of all 3 IP types within 1 week (7.5 M application data + images, documents)

Parallel Run (May – June 2025)

- Setting up a new production cluster for parallel run before switching off the current version
<https://asean.wipopublish-prd.ipobs.prd.web1.wipo.int/wopublish-search>
- Feature improvements (review in progress)
 - Testing and review by testers and IPOBSD product stakeholders
 - Reducing the risk of full collection reloads to avoid increasing the cloud hosting costs
- ASEAN GI collection excluded at the moment (data collection in progress)

Feature Improvements (Parallel Run)

- Search data using the latest application snapshots only at the moment
- View application snapshot history, for example
 - Application data as published -> snapshot history
 - Application data as granted -> snapshot history
 - Application status changed -> latest snapshot
 - 3 WIPO standard key events
(publication before grant, grant and status changes)
 - Display patent family view in a separate browser tab
(mobile friendly)

Feature Improvements (Parallel Run)

- IP Portfolio search in a responsive mobile-friendly interface 1/3

Link to open IP Portfolios Search

ASEAN Intellectual Property Portal

ASEAN IP REGISTER

PATENTS DESIGNS TRADEMARKS OTHER IP REGISTERS **IP PORTFOLIOS** About English

Enter keywords and/or click Search for Patents listing

Flag	Country	Applications	Publication coverage
	Brunei	1,851	1979.03.14 - 2023.07.31
	Cambodia	467	2009.05.27 - 2022.11.26
	Indonesia	175,518	1987.12.02 - 2023.12.15
	Laos PDR	160	2018.12.31 - 2023.07.14
	Malaysia	196,945	1997.12.24 - 2023.11.08
	Philippines	108,864	1958.05.22 - 2023.02.20
	Singapore	232,812	1995.11.28 - 2022.05.24
	Thailand	172,299	1980.08.13 - 2024.01.22
	Vietnam	106,960	1984.04.06 - 2023.12.25

ASEAN Intellectual Property Portal

IP Portfolios

Search

Filters

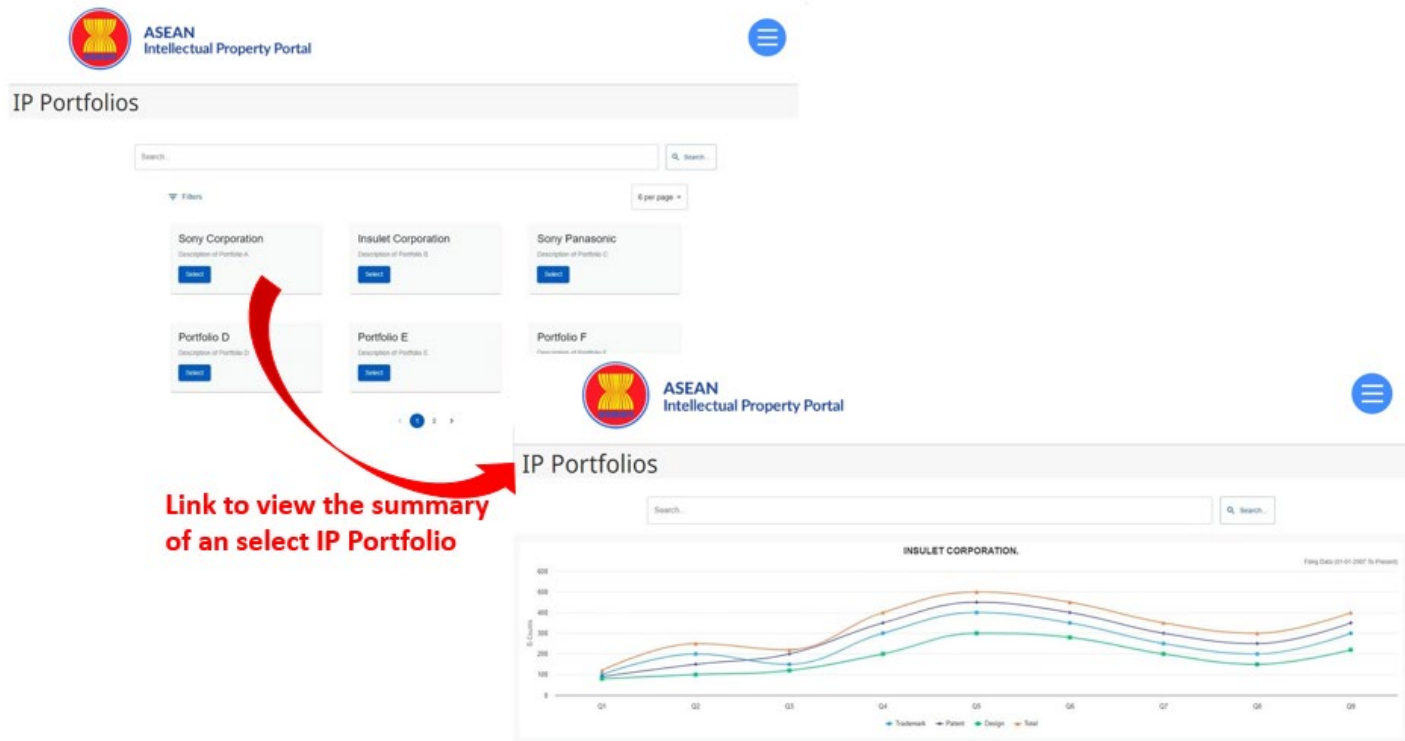
6 per page

Sony Corporation Description of Portfolio A Select	Insulet Corporation Description of Portfolio B Select	Sony Panasonic Description of Portfolio C Select
Portfolio D Description of Portfolio D Select	Portfolio E Description of Portfolio E Select	Portfolio F Description of Portfolio F Select

IP Portfolios View / Landing Pages showing a preview list of a few pre-defined portfolio examples selected from ASEAN IP Register

Feature Improvements (Parallel Run)

- IP Portfolio search in a responsive mobile-friendly interface 2/3



Link to view the summary
of an select IP Portfolio

Feature Improvements (Parallel Run)

- IP Portfolio search in a responsive mobile-friendly interface 3/3

The screenshot displays the ASEAN Intellectual Property Portal interface. The top section shows the portal logo and a navigation menu. Below this, the 'IP Portfolios' section features a line graph for 'INSULET CORPORATION' showing the number of applications over time, categorized by IP Type (Trademark, Patent, Design, Text). A table below the graph lists application details including Application Number, IP Type Category, Status, Filing Date, Publication Number, Publication Date, Registration Number, Registration Date, Filing Office, and Mark Represented. A red arrow points from the table to a detailed view of application (548) Logo. This detailed view includes the application type (100) Registration Number and Date, (180) Expiration Date, (200) Filing Number and Date, (541) Mark, (300) Priority Details, (511) Nice Classes, (531) Vienna Classes, (730) Applicant, (740) Representative, (540) Mark Translation, (550) Mark Feature, and (520) Disclaimer. The detailed view also shows the application status (Filed Online), application sub-type (Foreign Trademark), and publication number and date (180) Publication Number and Date (591) Mark Color. The detailed view includes a logo for 'ORANG TUA' and a list of classes (CF 32, CF 33) with their corresponding descriptions.

Link to view the content of one application

Feature Improvements (Parallel Run)

- The view of Same applicant uses IP portfolio name

The screenshot shows the ASEAN Intellectual Property Portal interface. A search result for 'OPULENT ELECTRONICS INTERNATIONAL PTE LTD' is displayed. A modal window titled 'Other applications filed by same applicant' is overlaid on the page, showing a table of related patent applications. A red arrow points from the 'Patent' status in the main search result to the modal window.

ACTION	FILING NUMBER	TITLE
🔗	KHP201300052	SYSTEM AND DEVICE FOR DRIVING A PLURALITY OF HIGH POWERED LED UNITS
🔗	KHP201500005	DIMMING SYSTEM AND METHOD
🔗	IDP00202404912	PERANTI DAN MODUL DISINFEKSI UNTUK MENDISINFEKSI FLUIDA
🔗	MYP1019007002	DEVICE AND METHOD FOR PROVIDING AN ELECTRICAL CURRENT TO AN ELECTRICAL LOAD
🔗	KHP201200196	ระบบและวิธีการสำหรับจ่ายกระแสไฟฟ้า
🔗	KHP201500006	DEVICE AND METHOD FOR PROVIDING REGULATED CURRENT TO AN ELECTRICAL LOAD
🔗	LAP284	SYSTEM AND DEVICE FOR DRIVING A PLURALITY OF HIGH POWERED LED UNITS

- Search by IP portfolio name

The screenshot shows the ASEAN Intellectual Property Portal interface. A search result for 'OPULENT ELECTRONICS INTERNATIONAL PTE LTD' is displayed. Below the search result, there is a bar chart titled 'OPULENT ELECTRONICS INTERNATIONAL PTE LTD' showing the absolute count of applications by country. The chart includes a legend for Design, Trademark, and Patent.

Country	Design	Trademark	Patent
Cambodia	0	0	4
Indonesia	0	0	1
Laos	0	0	2
Malaysia	0	0	1

Feature Improvements (Production Ready)

- Single data hub / data services through sftp (data sharing with third parties as received)

Name	Size	Changed	Rights
ipob_mm			
ipob_ph			
ipob_vn			
ipob_sg			
ipob_th			
ipob_la			
ipob_my			
ipob_kh			
ipob_id			
ipob_bn			

Name	Size	Changed
Designs		6/17/2020 1:43:17 PM
Patents		6/17/2020 1:43:29 PM
Trademarks		6/17/2020 1:43:23 PM

Name	Size	Changed
Full_Extraction		6/18/2020 4:53:57 AM
Updates		6/18/2020 4:54:03 AM

Other Feature Improvements by 2025 (Testing in progress)

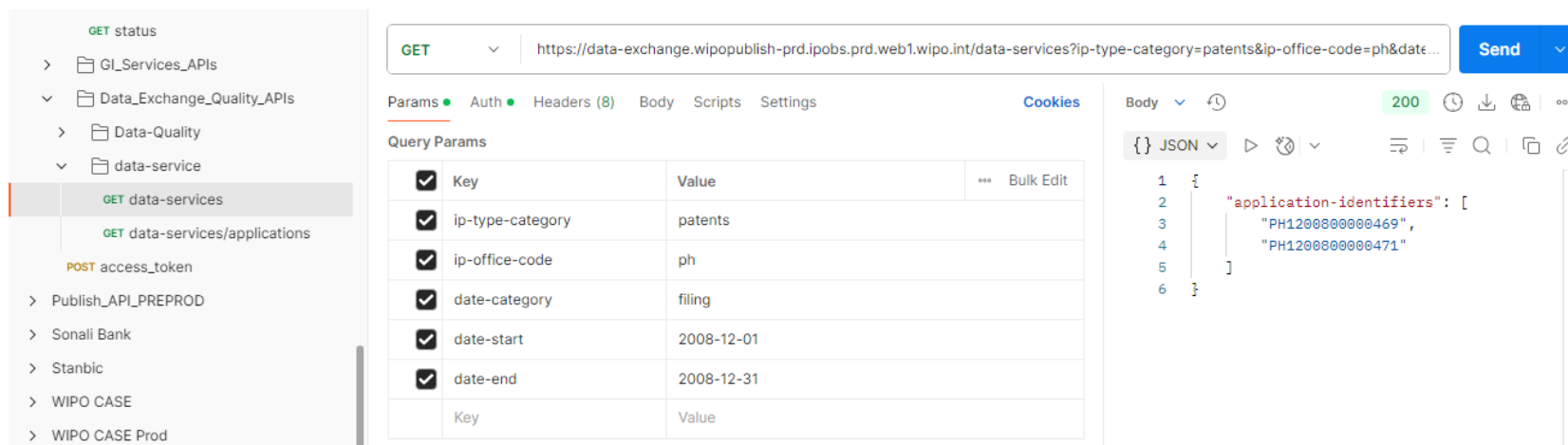
- Patent data can be made available through WIPO CASE as providing offices services (bibliographic data, document list, document content)

The screenshot displays a REST client interface. On the left, a sidebar lists various API endpoints under the 'Publish_Case_APIs' folder, with 'GET case_doccontent' selected. The main window shows a GET request to the URL `https://api.wipopublish.wipopublish-prd.ipobs.prd.web1.wipo.int/wopublish-wipocase/biblio/application/original/SG10202104718V`. The response is a JSON object with the following structure:

```
37   "contact": {
38     "name": [
39       {
40         "personFullName": "LEE, Do Gyeong",
41         "languageCode": null,
42         "inventorCountryCode": "KR"
43       }
44     ]
45   },
46   },
47   },
48   "sequenceNumber": 3,
49   "contact": {
50     "name": [
51       {
52         "personFullName": "LEE, Ju Won",
53         "languageCode": null,
54         "inventorCountryCode": "KR"
55       }
56     ]
57   },
58   },
59   ],
60   "abstractBag": [
61     {
62       "paragraphBag": [
63         {
64           "text": "ABSTRACT A storage device including a nonvolatile memory device that includes a nonvolatile memory cell array including",
65           "pNumber": 1
66         }
67       ],
68       "languageCode": null
69     },
70     {
71       "paragraphBag": [
72         {
73           "text": "ABSTRACT A storage device including a nonvolatile memory device that includes a nonvolatile memory cell array including
```

Other Feature Improvements by 2025 (Testing in progress)

- Data services api
(data sharing with third parties as received)
 - Retrieve application list by date range (filing, publication)
 - Retrieve application document list and document contents



The screenshot displays a REST client interface with the following details:

- Method:** GET
- URL:** `https://data-exchange.wipopublish-prd.ipobs.prd.web1.wipo.int/data-services?ip-type-category=patents&ip-office-code=ph&date...`
- Params:** Auth, Headers (8), Body, Scripts, Settings
- Query Params Table:**

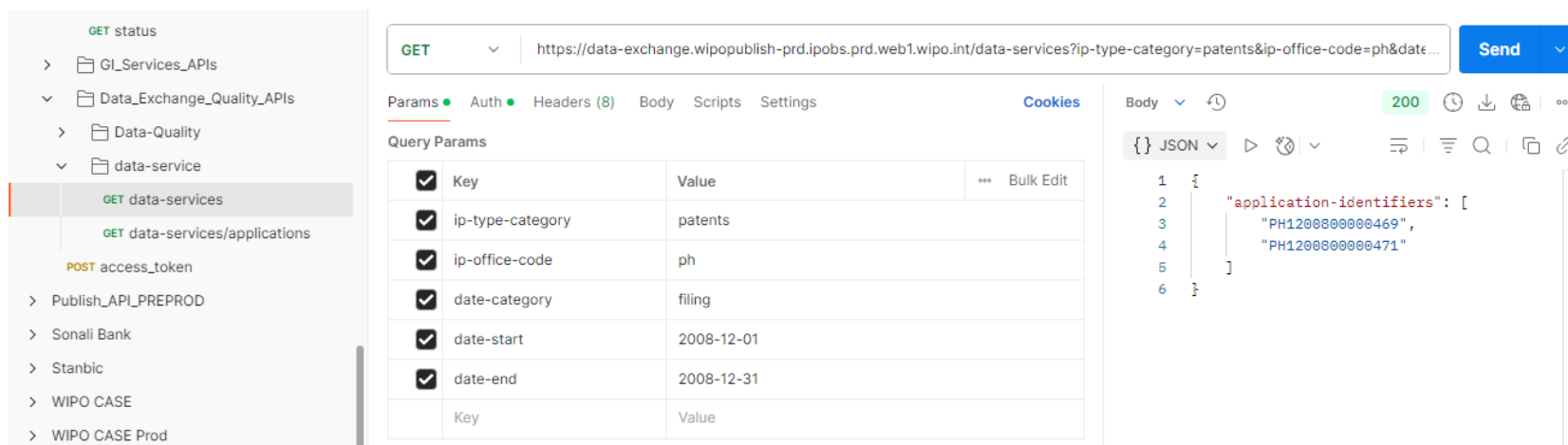
<input checked="" type="checkbox"/>	Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/>	ip-type-category	patents		
<input checked="" type="checkbox"/>	ip-office-code	ph		
<input checked="" type="checkbox"/>	date-category	filing		
<input checked="" type="checkbox"/>	date-start	2008-12-01		
<input checked="" type="checkbox"/>	date-end	2008-12-31		
	Key	Value		

Body: JSON

```
1 {
2   "application-identifiers": [
3     "PH1200800000469",
4     "PH1200800000471"
5   ]
6 }
```

Other Feature Improvements by 2025 (Testing in progress)

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(data sharing with third parties as received)
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- Params:** Auth, Headers (8), Body, Scripts, Settings
- Query Params Table:**

<input checked="" type="checkbox"/>	Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/>	ip-type-category	patents		
<input checked="" type="checkbox"/>	ip-office-code	ph		
<input checked="" type="checkbox"/>	date-category	filing		
<input checked="" type="checkbox"/>	date-start	2008-12-01		
<input checked="" type="checkbox"/>	date-end	2008-12-31		
	Key	Value		

Response Body (JSON):

```
1 {
2   "application-identifiers": [
3     "PH1200800000469",
4     "PH1200800000471"
5   ]
6 }
```

Other Feature Improvements by 2025 (work in progress)

- ASEAN GI database, collecting latest data collections including GI logos, product images and description in two languages (domestic and English versions)

LIST OF ASEAN GI DATABASES (as of 30 September 2021)

ASEAN GI Databa	Country of Registratic	GI Name	GI Name (available English name)	Registration date (DD-MM-YYYY)	Right Hc
ARISE	Indonesia	Kopi Robusta Pinogu	Pinogu Robusta Coffee	3/5/2017	Geographical Indication Protection Bolango Robusta Coffee
63	Indonesia	Kopi Robusta Pupuan Bali	Pupuan Bali Robusta Coffee	29/05/2017	Geographical Indication Protection Coffee
64	Indonesia	Tenun Ikat Tanimbar	Tanimbar Ikat Woven Fabric	3/7/2017	West Southeast Maluku Regency
65	Indonesia	Kopi Robusta Tambora	Tambora Robusta Coffee	3/7/2017	Geographical Indication Protection Coffee
66	Indonesia	Kopi Arabika Sumatera Lintong	Sumatera Lintong Arabica Coffee	21/12/2017	Lintong Arabica Coffee Observer S
67	Indonesia	Beras Raja Uncak Kapuas Hulu	Kapuas Hulu Raja Uncak Rice	28/02/2018	Geographical Indication Protection Uncak Rice
68	Indonesia	Kopi Arabika Flores Manggarai	Flores Manggarai Arabica Coffee	7/3/2018	Geographical Indication Protection Arabica Coffee
69	Indonesia	Kopi Arabika Sipirok	Sipirok Arabica Coffee	13/07/2018	Geographical Indication Protection Coffee
70					

Color codes for Vietnamese GIs:

- Blue: GIs that had been added to the database (with fiches) in previous years
- Green: GIs that were added to the database (with fiches) in the latest update
- Yellow: Latest protected GIs in Viet Nam (fiches are NOT yet available for these GIs)



ASEAN Intellectual Property Portal

- HOME
- SERVICES
- RESOURCES
- STATISTICS
- NEWS & EVENTS
- ASEAN IP ACADEMY

Geographical Indication Search

Coffe

Gayo Arabica Coffee

The region associated to the production of the Gayo Arabica Coffee is located in the Gayo Highlands on the northern most part of the Bukit Barisan mountain range.

Coffee in the Gayo Highlands was first introduced in the 1800s by the Dutch to accommodate the demands originating from the European market. Over the decades coffee has become increasingly important in the economic development of our Region, becoming one of the most important commodities, as local consumption and international demand have increased.

The direct involvement of the local population in the coffee production is the strength of the Gayo Arabica Coffee as the red berries are sourced from our farmers and processed locally. This allows a close control on the activities of the farmers and producers to maintaining high quality and production standards.

Gayo Arabica Coffee's entry to the world commodity market is due to its highly valued, typical flavor. Its fine aroma and lack of bitter notes have become the characteristics of the Gayo Arabica Coffee product. Coffee connoisseurs appreciate the distinctive characteristics of Gayo Arabica Coffee, particularly its light earthy notes balanced with full body and a smooth aftertaste, mild acidity, a combination of spices and sweetness, and some elegant fruit notes.

The Gayo Arabica Coffee Producers Association is known as MPKG, Masyarakat Perindungan Kopi Gayo. The members of the MPKG consist of over 80,000 farmers, cooperatives, processors, retailers and traders all located in the Gayo Highlands region. Membership to the organization remains open to anyone who fulfills the requirements as described in the production specifications. We are the official GI holder of the Gayo Arabica Coffee.

The participation of Gayo Arabica Coffee to Terra Made is sponsored by ARISE - Indonesia, a technical assistance programme funded by the European Union that aims to strengthen the capacity of government institutions and stakeholders on a wide range of areas within international trade, private sector competitiveness and business environment.

The climatic conditions and the agricultural ecosystem specific to the Gayo Highlands, combined with local farming traditions and know-how, result in a unique and high quality coffee.

Gayo Arabica Coffee has been known to carry a good reputation among the consumers. It is known as one of the best quality premium, single origin and specialty coffees from Indonesia. The coffee is reported to customers in Asia, Europe, Northern America and the Pacific.



Kafe Doi Chang

Beneficiaries : The Doi Chang Coffee planters' group
Country of filing: Thailand
Geographical Origin : Domestic
Registration Number & Date : THGI0000049100025-en / 2007-10-24T00:00:00Z



Kafe Doi Tung

Beneficiaries : Mae Fah Luang Foundation
Country of filing: Thailand
Geographical Origin : Domestic
Registration Number & Date : THGI0000048100009-en / 2006-02-05T00:00:00Z



Kafe Dong Ma Fai

Beneficiaries : Arabica Coffee and Macadamia Nut of Dong Ma Fai Village Community Enterprise
Country of filing: Thailand
Geographical Origin : Domestic
Registration Number & Date : THGI0000059100076-en / 2013-09-13T00:00:00Z



Kafe Khao Thalu

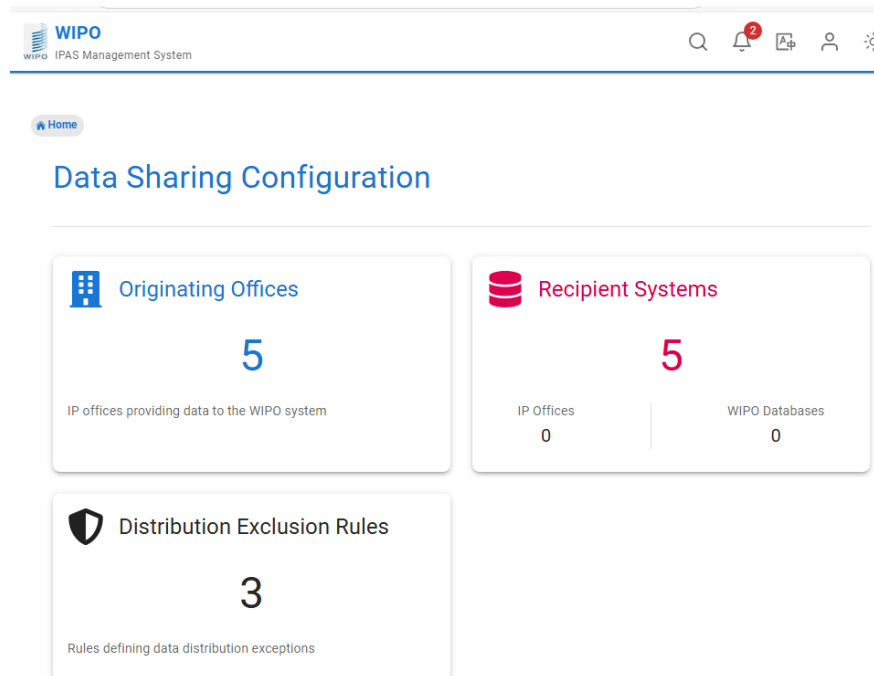
Beneficiaries : Ng Sann Jarak & Mr. Prasert Keskul, Khao Thalu Coffee Producers
Country of filing: Thailand
Geographical Origin : Domestic
Registration Number & Date : THGI0000059100075-en / 2013-02-06T00:00:00Z



Other Feature Improvements by 2025 (work in progress)

■ Data services

- A new IP Office Support portal to manage data distribution
- IPAS support team to manage data recipients on demand basis



Other Feature Improvements by 2025 (work in progress)

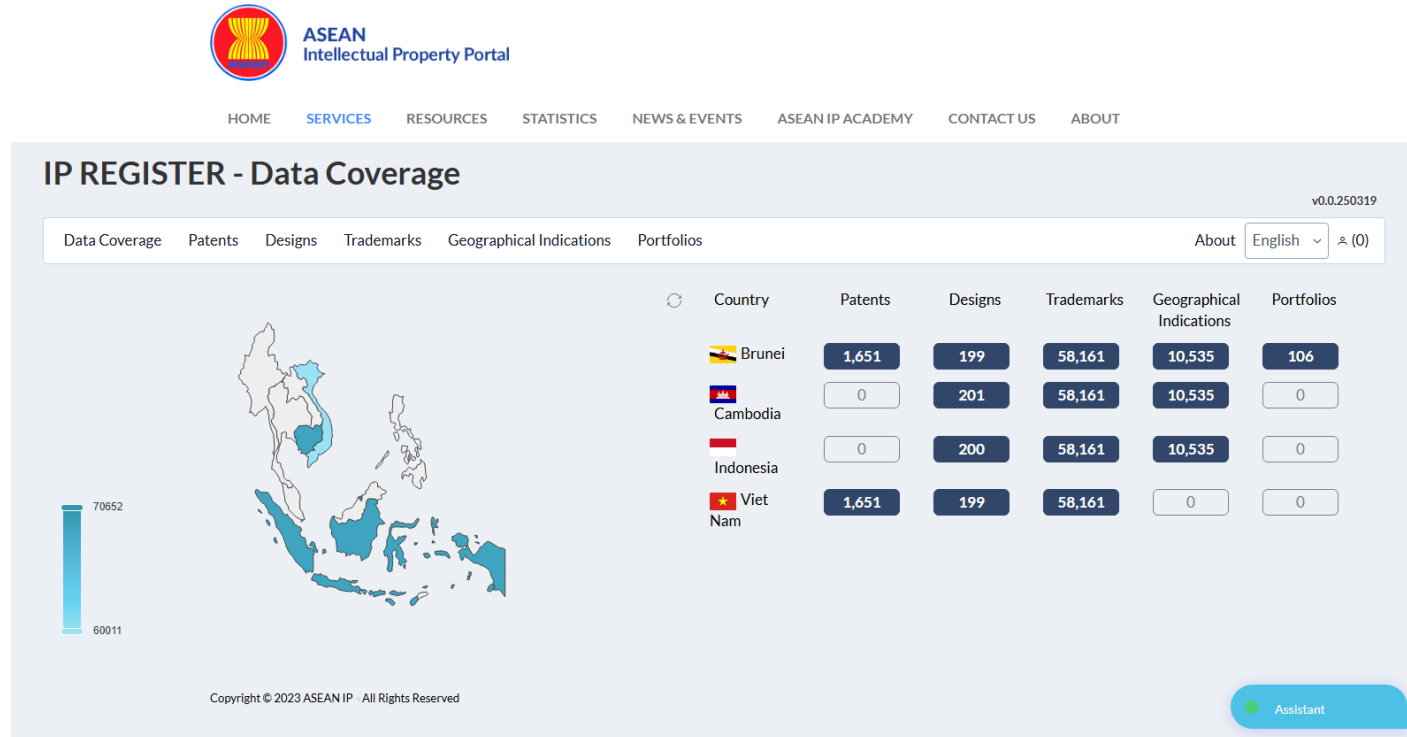
■ Data services / data distribution

- Distribution restriction rules managed by data originating IP Offices: IP collection(s), published patent documents, registered patent applications only, full-text patent data, etc.

Originating Office	Recipient Name	IP Category Types	Application Status	Excluded Event Codes	Excluded Documents	Actions
US	WIPO ASEAN IP Register	patent trademark	Unpublished Applications Unregistered Rights	3 events	2 documents	
EP	WIPO Global databases	industrial design	Unregistered Rights	1 events	2 documents	
JP	EPO Espacenet	patent	Unpublished Applications	None	Disabled	

Other Feature Improvements by 2025 (work in progress)

- Modernization of the front-end with mobile friendly search interface and data exploration (statistics and graphs)



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Other Feature Improvements by 2025 (work in progress)

- Technical evaluation of other improvements (e.g. machine translation of GI product descriptions)

The screenshot shows the WIPO GI database interface for 'Kampot Pepper'. The page is in French and includes a navigation bar with links like 'Couverture des données', 'Brevets', 'Modèles', 'Marques', 'Indications géographiques', and 'Portefeuilles'. The main content area is titled 'Kampot Pepper' and includes a notice: 'ENREGISTRÉ - AWGIPC (ASEAN), TREMPER (Cambodge)'. Below this, there is a table with two columns: 'Lieu de dépôt' and 'Origine géographique'. The 'Lieu de dépôt' column contains: 'Cambodge', 'Numéro d'enregistrement KHGI0000000001-09-fr', 'Date d'inscription 2 avril 2010', and 'Publications 20/04/2012'. The 'Origine géographique' column contains: 'Domestique', 'Transfrontalier Non', 'Type de produit Épices/Poivre', and 'Description de la région géographique Naturel'. To the right of the table is a small circular logo. Below the table is a section titled 'NOMS ET ADRESSES' with a sub-section 'Titulaire du droit' containing 'Nom Kampot Pepper Promotion Association'. The 'DESCRIPTION' section is partially visible, showing 'Principales caractéristiques/fonctionnalités' and a text block in French: 'Les poivres de Kampot sont connus pour la douceur de leur piquant, la fraîcheur et la complexité de leurs arômes et leur goût exceptionnel et persistant. L'indication géographique poivre de Kampot couvre les poivres verts, noirs, rouges et blancs.' There is also a small text block in English: 'Kampot peppers are known for the mildness of their spice, the freshness and complexity of their aromas and their exceptional, lingering taste. The Kampot pepper geographical indication covers green, black, red and white peppers.'

Other Feature Improvements by 2025 (work in progress)

- Extension of data sharing services to cover patent authority files and to use download full-text patent data
- New version of extraction tool to get data package files in ST.96 XML