The new version of MedsPaL released in May 2024 is a major update to the interface first released in 2016. It provides users with an enhanced experience introducing a host of new features, tools and design, and broadened database scope and expanded information.

**Database Scope 2**

**New Design & Functional improvements 3**

**New Information 5**

**New Licences Tabs 6**

**New Feature - Advanced Filters 6**

**New Feature - Update Search 8**

**New Feature - Save Search and Run Alerts 9**

**New Design & Information - Patent Cards 11**

**New Design & Information - Report View 12**

**Improved Mobile compatibility 15**
Database Scope

In addition to medicines, MedsPaL now also includes patent and licence information on the following products:

- **Vaccines**: The database covers COVID-19 vaccines that received Emergency Use Listing from the World Health Organisation WHO until 31 December 2022. The information was previously available on a separate platform called VaxPaL, MPP’s former COVID-19 vaccines patent database.

- **Technologies**: Long-acting technologies included in LAPaL, the Long-Acting technologies patents and licences database, a free online resource coordinated by MPP.

For vaccines and technologies, MedsPaL includes patent information for all countries.

All products chip at the top of the main page is selected by default allowing the search for Medicines, Vaccines, and Technologies. Users can restrict the search to specific products by selecting the corresponding chips at the top of the main page:
New Design & Functional improvements

ABOUT

From the top banner, you can access the About menu with information on the database, including e.g. FAQs, and Useful Resources.

Licences Tab

Searches may be performed under Table or Reports views and the user may switch between the Patents and new Licences tabs to view the results.

Pop-ups

Information pop-ups are available throughout by following the ⌂ or clicking on tags.

Search dropdowns & multiple selection

Items are selected from the lists by using checkboxes. Selected items appear as tags in the input box and at the top of the dropdown lists under the Current selections section.

Toggle All is used to select or unselect all items in a list.
**Status categories**

Throughout its life term, a patent application/patent will go through several main states captured in MedsPaL under Patent Status. These states can be grouped under three categories: **Filed**, **Granted** and **Not in force** as follows:

<table>
<thead>
<tr>
<th>Patent Status</th>
<th>Status Category - used in Reports view</th>
<th>Highlight used in Table/Patents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filed</td>
<td>Filed</td>
<td>Yellow</td>
</tr>
<tr>
<td>Filed (opposed)</td>
<td></td>
<td>Filled (Opposed)</td>
</tr>
<tr>
<td>Rejected - under appeal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restoration filed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Granted</td>
<td><strong>Granted</strong></td>
<td>Green</td>
</tr>
<tr>
<td>Granted (claims amended)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Granted (opposed)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restored</td>
<td></td>
<td>Restored</td>
</tr>
<tr>
<td>Term extended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Term extensions filed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expired</td>
<td><strong>Not in force</strong></td>
<td>Grey</td>
</tr>
<tr>
<td>National Phase entered</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not filed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rejected</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revoked</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Withdrawn</td>
<td></td>
<td>Withdrawn</td>
</tr>
</tbody>
</table>

Example:
New Information

Information on health products’ clinical development status, dosage form and route of administration and on countries’ region and World Bank income classification is now available on the Patents result table:

Newly available information includes:

**For Jurisdictions:**
- World bank income group and regions

**For products:**
- Development status
- Paediatric indication
- Dosage form
- Product type and sub-type
- Route of administration
- Originator(s)

**For Patents:**
- Applicant(s)

New details on the product: development status, paediatric indication, dosage form, product type, route of administration and product type, originator.
New Licences Tabs

In addition to being shown in the patents results table, Licences are also shown in a dedicated new tab on both the Table and Reports views. When performing a search on one or multiple products, the user can switch between the Patents and Licences tabs. Jurisdictions are broken down by region:

Type of Licence is a newly displayed information available as a separate column in the results table and as a new field in the Licence cards.

Users can now also search for Licence information using the following criteria: Type of Licence, Product, Jurisdiction, Licensor, and Licensee.

New Feature- Advanced Filters

In addition to the simple search by Product name, Jurisdiction and/or Keyword, the new Advanced filters section provides the user with additional search options related to:

- **Patents**: Patent status (e.g. expired, granted, filed)
- **Jurisdictions**: Income group and Region
- **Products**: Route of administration, Dosage form, Disease Area, Originator(s), paediatric indication, and EML (inclusion in in the Model lists of Essential Medicines of the World Health Organisation (WHO EML)
- **Licences**: Licence type, Licensor and Licensee
- **Regulatory** Data exclusivity expiry date
Apart from **Disease area**, that has been moved from simple search to **Advanced filters**, all the Advanced filters are new.

When the user runs a search and uses the **Advanced filters**, the section will collapse when scrolling down. The user will see if and how many advanced filters are selected.

When making multiple selections, the selected items that do not satisfy all selected filters will be crossed or greyed out:

> Brazil and China are not part of the Territory of the selected licence and are crossed out.

> When starting a search in Table/Licences, patent status will be greyed out.
New Feature - Update Search

In Table view, when scrolling down the results tables, the search panel collapses further to an Update Search button that appears on the upper right side that the user can click to expand and update the search parameters.

Once the search parameters are updated, the user needs to click outside the search panel to close it.
New Feature- Save Search and Run Alerts

In the Table view, users can save their searches and enable e-mail updates to be notified of changes to those results. Types of changes that may trigger an e-mail notification include changes in patent status, a newly associated patent or agreement, or the addition of Data Exclusivity information. A user account is required, and users will be prompted to create one the first time they attempt to save a search. An account may be set up directly as follows:

**To set up an account:**

1. Click on “Login” on the top banner to open the Login form

2. Click on “Sign up for an account” to open the Sign-up form.

3. Fill-in the Sign-up form

4. Once you submit the form you will get a confirmation message

5. You will receive a confirmation e-mail from: noreply@medspal.org
6. Follow the link provided in the e-mail to login with your credentials.

7. Once logged in, the “Login” link at the top will be replaced with a bookmark that gives access to your saved searches.

**To save and update your search:**

1. Run a search and click on “save search”. If not already logged-in, you will be asked to “Login”. Enter your credentials or create a new account.

2. Name the search and select if you wish to receive an email alert.

3. From the Saved Searches tab you can run the saved search, delete it and enable email notifications.
4. When your saved search results change, you will receive an email notification within 24 hours. Click on “View search results” to run the search. If not already logged in, you will be asked to do so. If your search cannot be loaded, you may have two accounts with two different e-mail addresses. Try with the account that created the search.

New Design & Information - Patent Cards

The new Patent card design regroups bibliographical details under a new tab named Basic details:

Two new tabs show the following information:

Associated Products
Lists all other products in the database associated with the same patent

Patent Family
Displays equivalent national patent applications from other jurisdictions. Low-and Middle- Income Countries are listed under this tab for Medicines and worldwide coverage is available for Vaccines and Technologies
New Design & Information - Report View

MAP VIEW has been replaced by REPORTS that allows some analysis of patent and licences associated with a Product through interactive maps, donut charts, and timelines.

➔ Start by selecting a **Product** in the dropdown list and click on **Generate Report**.
➔ The resulting Patent and Licence information will be distributed on two different tabs: **Patents & Licences**

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**Patents tab - Interactive Map**

All patent applications and granted patents associated with the selected product are shown by default on a map. You can:

- filter results by **Income Group** or a specific **Jurisdiction**.
- select whether to display all patents or only those covering the compound (for medicines only).
- select countries directly from the Map.

When a **Jurisdiction** is selected, the country will be highlighted in purple and related patents will be listed on the right with links to patent cards.
Click on the “i” icon to expand and view the map legend and the shades of colours used:

**Patents tab - Summary of Patent Statuses for Family by Region**

List and donut chart show the distribution of patents/patent applications for all patent families associated with the selected product by status category (Granted, Pending/Filed, Not in force) and by regions.

A specific family may be selected by the user by using the drop-down menu to the right.

The Donut chart is divided by regions shown in different colours. Colour gradient relates to patent status categories: darker colours are for active status and lighter colours are for inactive status. You may hover over a slice of pie to see detailed statuses.

**Patents tab - Timeline of Patent Families**

Patent families associated with the selected product are shown by filing year, with WIPO (Patent Cooperation Treaty international patent applications) shown by default. A specific jurisdiction may be selected by using the drop-down menu to the right.
Licences tab - Interactive map:

All licences associated with the product are displayed by default. You can:

- filter by licence name (via single or multiple selections)
- select a specific jurisdiction directly on the map and associated licences information will be listed on the right with link to Licence cards.

Click on the “i” icon to expand and view the map legend and the shades of colours used.

Licences tab – Licences table

Under this section, the licences associated with the chosen product are listed with detailed information including title, type of licence, jurisdictions, licensor and licensee. Clicking on the licence title opens the Licence card:

<table>
<thead>
<tr>
<th>Dolastegavir 50 mg Covered Under Licences:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licence</td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>Bilateral License on Dolastegavir (DST) and DST/GMC combinations</td>
</tr>
</tbody>
</table>

Patents and Licences maps can be exported as PNG, the full report as PDF. The search can also be shared as link.

Print to export/save the Patent or Licence reports in PDF format or Export to save the maps as a PNG image on your computer:
Improved Mobile compatibility

The design has been adapted for portrait mode viewing and mobile compatibility. The new website is mobile responsive and adapts to different types of tablets and mobiles. Below a few example screen shots from a mobile phone:

Table view (1/3) - Search

Table view (2/3) - Patents tab

Table view (3/3) - Patents tab

Patent Card

Table view - Licences tab

Reports – Patents/Map