



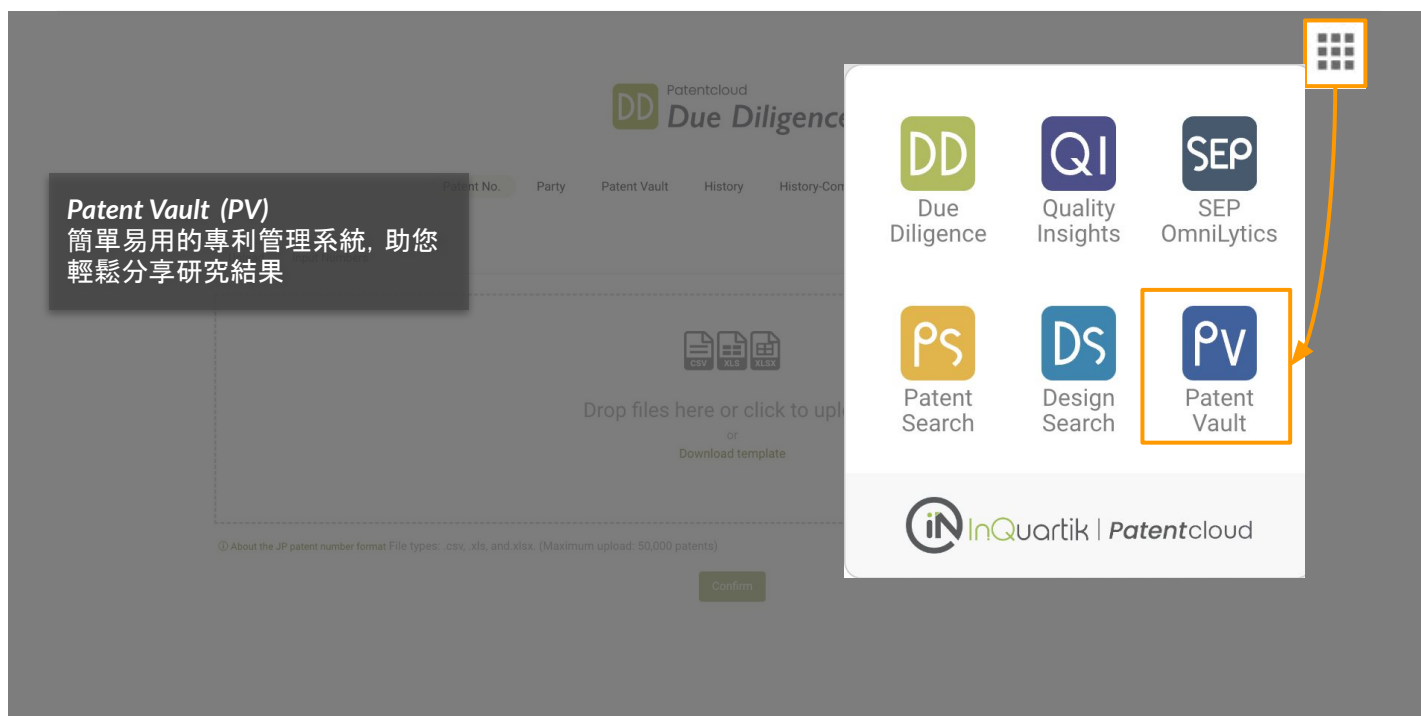
# 入門指南

# 目錄

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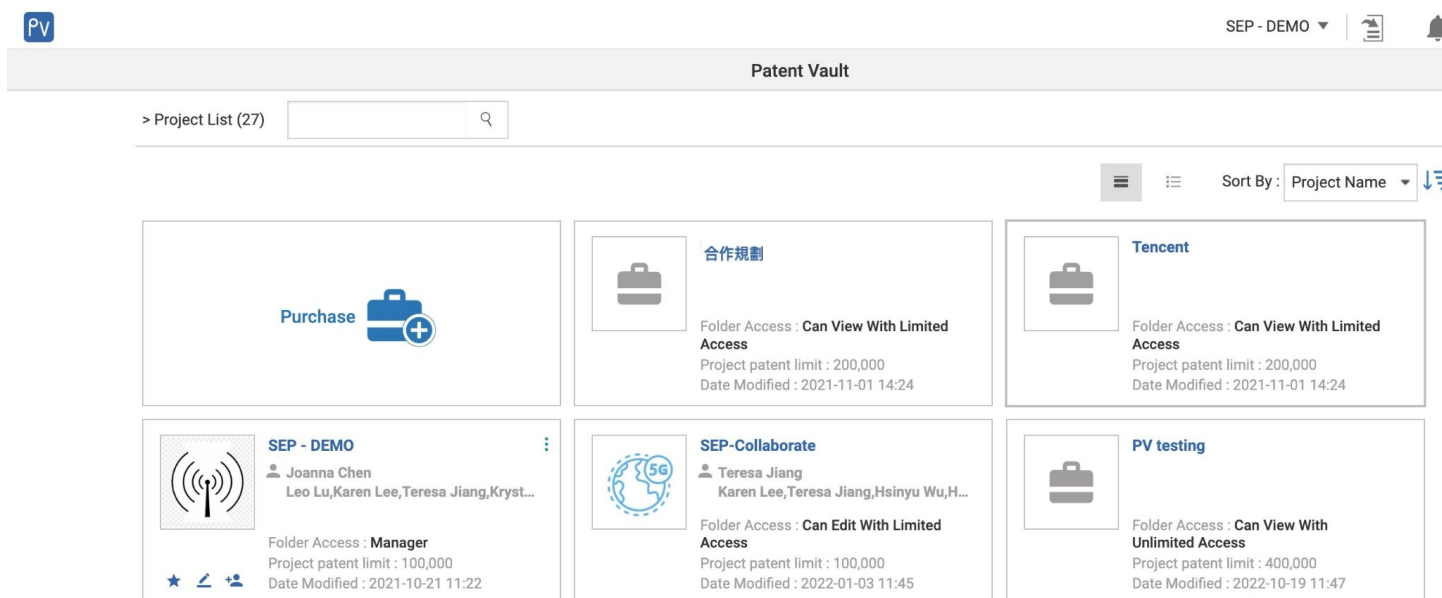
- 開始使用 *Patent Vault*
- Collaboration Management
- Overview Page
- Folder Management Page
- Edit Query / Page View Modes / Tools / Result Settings
- 產業化專利分析
- Data Grouping

## 點擊右上九宮格並選擇 Patent Vault



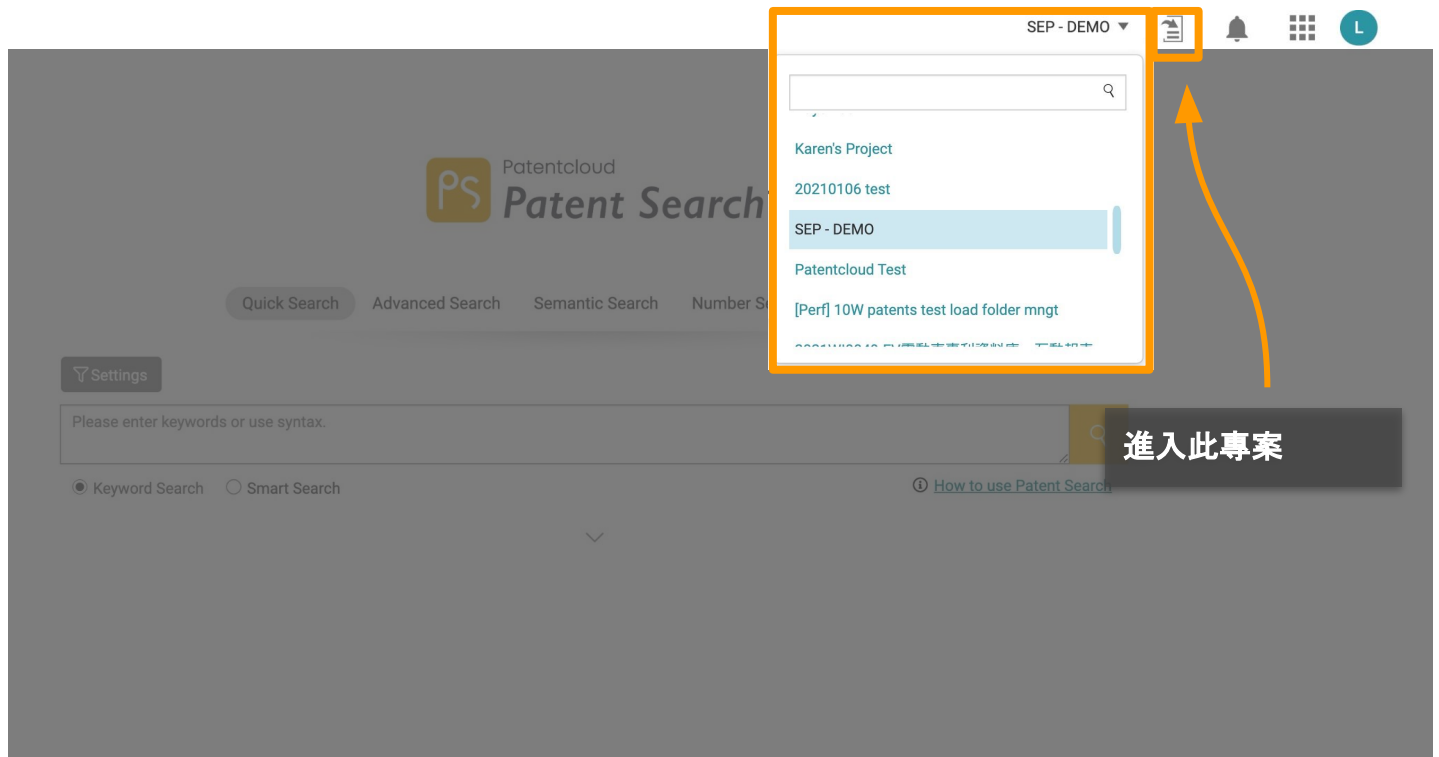
## 選擇專案

進入 Patent Vault 後，您便可以在「專案清單」內找到您欲使用的專案。一旦進入「專案清單」的頁面中您便可以看到所有您有權限的專案，每個專案的顯示框中都會有基本訊息，例如「權限」和「其他成員」。



## 選擇專案

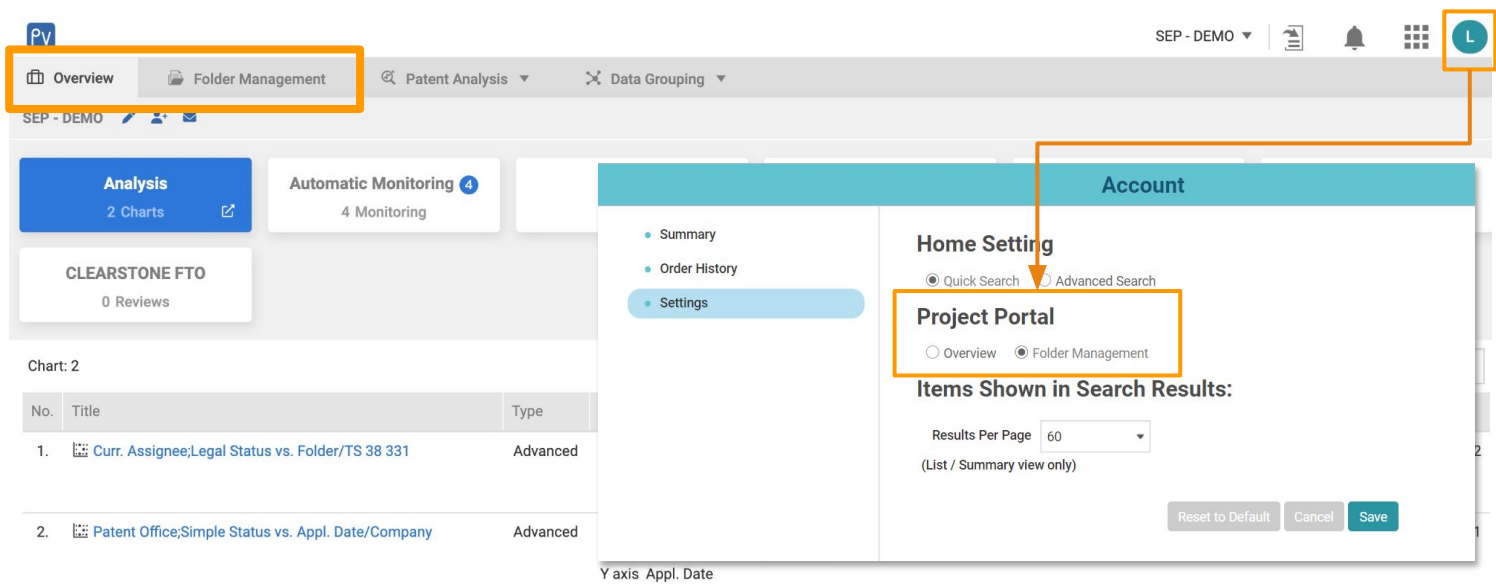
另一個進入專案的方法為點選網頁右上角的下拉目錄，並點選您欲使用的專案



## 預設專案入口頁面

您可設置您的專案入口頁面 為「總覽」或「資料夾管理」。

帳戶管理 → 設定 → 預設專案入口頁面



## 由Patentcloud 各產品將專利加入至 Patent Vault

您可以使用「加入 Patent Vault」功能，將 Patentcloud 產品 (Patent Search, Quality Insights, Due Diligence, SEP OmniLytics, Design Search) 中的任何專利列表或頁面添加到 Patent Vault。

### 將專利加入至專案：

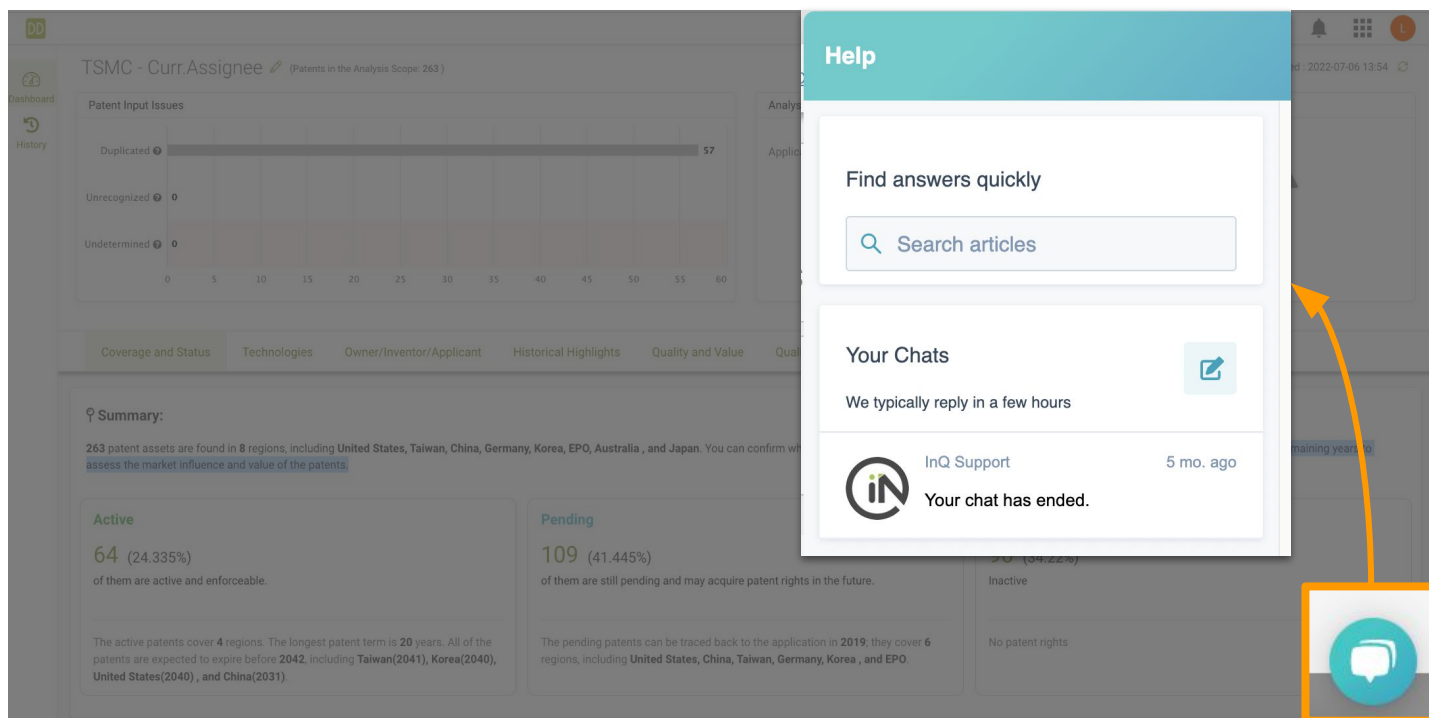
1. 選擇要加入到專案中的專利。
2. 點擊 "加入 Patent Vault 專案" 圖標。將彈出一個窗口。
3. 在 "選擇資料夾" 窗口中，選擇一個目的地(專案)來加入專利。
4. 點擊資料夾名稱選擇現有資料夾。或者，**新增資料夾**並命名新資料夾，創建一個新資料夾。
5. 點擊"確認"完成。

The screenshot shows the Patent Vault interface with the following elements:

- Search Bar:** Contains the query "BST/('Semiconductor device' AND 'manufacturing m...".
- Toolbar:** Includes icons for filter, edit, print, share, and a highlighted "Add to Project" icon (2).
- Table:** Displays 30 selected patents. The first four rows are highlighted with a box (1):

#	Patent No.	Title	Appl. Date	Appl. No.	Pub./Issue Date	Curr. Assi
1	US20090194803A1	SEMICONDUCTOR DEVICE AND METHO...	2009-01-29	12/362462	2009-08-06	SEMICON
2	US20050263767A1	Semiconductor device and method for ...	2005-05-25	11/136705	2005-12-01	SEMICON
3	US7868328B2	Semiconductor device having antenna o...	2009-01-29	12/362462	2011-01-11	SEMICON
4	US7504663B2	Semiconductor device with a floating ga...	2005-05-25	11/136705	2009-03-17	SEMICON
- Select Folder Dialog:** Shows a dropdown menu with "SEP - DEMO" selected (3). A callout box says "下拉選單來選擇專案".
- Folder List:** Shows a list of folders under "Patent list (99,663/100,000)":
  - Technical Spec (0)
  - Company (18,662)
  - Google - High ER (49)
  - Untitled folder (0)
  - Untitled folder
- Folder Note:** A field labeled "Folder Note (Optional)" with the text "資料夾筆記：可記錄專利加入資料夾原因" (4).
- Buttons:** "Cancel" and "Confirm" buttons at the bottom right, with "Confirm" highlighted (5).

任何問題，隨時聯繫我們！



The screenshot shows the Patent Vault dashboard for 'TSMC - Curr.Assignee'. The dashboard includes a 'Patent Input Issues' bar chart with 57 Duplicated, 0 Unrecognized, and 0 Undetermined items. Below this is a 'Summary' section with three columns: 'Active' (64, 24.335%), 'Pending' (109, 41.445%), and 'Inactive' (50, 18.22%). A help chat window is overlaid on the right, titled 'Help', with a search bar 'Search articles', a 'Your Chats' section, and a chat history entry for 'InQ Support' with the message 'Your chat has ended.' and a timestamp '5 mo. ago'. A blue chat icon in the bottom right corner is highlighted with an orange box, and an orange arrow points from this icon to the chat window.

# 專案管理與協作

- 新增或刪除成員
- 設定成員的資料夾權限
- 設定成員專案內個別功能的權限
- 資料夾通知設定

在每個 *Patent Vault* 專案中，您都可以邀請團隊成員，共享分析結果，並自定義每位成員對專利、資料夾或報告的權限。

請注意：只限該**專案管理員**權限的成員管理可設定成員角色層級及資料存許限制。

由以下2處可進行權限設定

- 從PV 首頁專案列表
- 或是從各專案的「總覽」頁面

## 從PV 首頁專案列表

在欲管理權限的專案 按下「成員」的圖示以打開「協作管理」的視窗。

Patent Vault

> Project List (27)

Sort By: Project Name ↓

**Purchase**

Folder Access : **Can View With Limited Access**  
Project patent limit : 200,000  
Date Modified : 2021-11-01 14:24

**SEP - DEMO**  
Joanna Chen  
Leo Lu, Karen Lee, Teresa Jiang, Kryst...  
Folder Access : **Manager**  
Project patent limit : 100,000  
Date Modified : 2021-10-21 11:22

**SEP-Collaborate**  
Teresa Jiang  
Karen Lee, Teresa Jiang, Hsin-yu Wu, H...  
Folder Access : **Can Edit With Limited Access**  
Project patent limit : 100,000  
Date Modified : 2022-01-03 11:45

**PV testing**

Folder Access : **Can View With Unlimited Access**  
Project patent limit : 400,000  
Date Modified : 2022-10-19 11:47

## 從各專案的「總覽」頁面

在各專案的「總覽」頁面左上方「成員」的圖示後選擇「設定」進行管理。

PV SEP - DEMO

Overview Folder Management Patent Analysis Data Grouping

SEP - DEMO

**Analysis**  
2 Charts

**Automatic Monitoring** 4  
4 Monitoring

**Memo**  
5 Memos

**Project History** 179  
179 Events

**Due Diligence Report**  
0 Reports

**Quality Insights Report**  
0 Reports

**CLEARSTONE FTO**  
0 Reviews



## 新增成員

要新增成員，請輸入有效的電子郵件地址，並選擇專案角色然後點擊「新增」。一旦設定完該成全的權限後按下「送出」來完成。

Status	Members (5/5)	Project Role	Folder Access	Analysis	Automatic Monitoring	Memo	Project History	Email Notification
Active	teresajiang@inquartik.com Teresa Jiang	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring, Memo, History
Active	Karenlee@inquartik.com Karen Lee	Manager	All	Can Use	Can Use	Can Use	Can Read	None
Active	krystelkayetanlee@inquartik.com Krystal Kaye	Can Edit With Limited Access	5 folders	No Permission	No Permission	Can Use	No Permission	None
Active	JoannaChen@inquartik.com Joanna Chen	Manager	All	Can Use	Can Use	Can Use	Can Read	None
Active	leolu@inquartik.com Leo Lu	Manager	All	Can Use	Can Use	Can Use	Can Read	None

受邀的專案成員將接收一封通知邀請。一旦受邀者點擊郵件內的邀請連結，該成員在此專案協作狀態會由已邀請變為「有效」。

Status	Members (5/6)	Project Role	Folder Access	Analysis	Automatic Monitoring	Memo	Project History	Email Notification
Active	teresajiang@inquartik.com Teresa Jiang	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring, Memo, History
Active	Karenlee@inquartik.com Karen Lee	Manager	All	Can Use	Can Use	Can Use	Can Read	None
Active	krystelkayetanlee@inquartik.com Krystal Kaye	Can Edit With Limited Access	5 folders	No Permission	No Permission	Can Use	No Permission	None
Active	JoannaChen@inquartik.com Joanna Chen	Manager	All	Can Use	Can Use	Can Use	Can Read	None
Active	leolu@inquartik.com Leo Lu	Manager	All	Can Use	Can Use	Can Use	Can Read	None
Invited	yihuiwang@inquartik.com	Can Edit With Limited Access	10 folders (All)	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring, Memo

## 刪除成員

要改變要刪除成員，在信件通知欄旁，點擊「垃圾桶」。再點擊「確認」。被刪除的成員自此亦不會接收到熱核通知郵件。

## 設定成員的專案角色與資料夾權限

請先選擇「專案角色」下拉選單，權限包含「專案負責人」、「可以編輯(無限制)」、「可以編輯(有限制)」、「可以檢視(無限制)」、「可以檢視(有限制)」。「無限制」代表該成員可以編輯或是檢視專案內所有資料夾的專利清單，若您希望設定該成員只能讀取特定資料夾內的專利資訊請點選「有限制」的選項。

若您點選了「有限制」的權限，請在「資料夾權限」指定成員可以編輯或是檢視的資料夾。  
設定成員專案內個別功能的權限，請分別在「圖表分析」、「專利自動監控」、「筆記」的下拉選單中選擇「可操作」、「可閱讀」或是「沒有權限」。

設定通知，請點擊該下拉列表選擇您希望該成員收到通知的相關內容，系統預設為「分析」、「監控」、「筆記」及「歷史」。

設定完成後請按下「送出」。

角色	資料夾權限
專案負責人	<ul style="list-style-type: none"><li>● 可以新增/刪除/編輯成員角色、權限與通知設定</li><li>● 可以編輯或是檢視專案內所有資料夾的專利清單</li><li>● 可使用專案內各功能*</li></ul>
可以編輯(無限制)	<ul style="list-style-type: none"><li>● 可以編輯或是檢視專案內所有資料夾的專利清單</li><li>● 可使用的功能: 由管理員設定</li></ul>
可以編輯(有限制)	<ul style="list-style-type: none"><li>● 可以編輯或檢視管理員指定的專案內所有資料夾的專利清單</li><li>● 可使用的功能: 由管理員設定</li></ul>
可以檢視(無限制)	<ul style="list-style-type: none"><li>● 可以檢視專案內所有資料夾的專利清單</li><li>● 可使用的功能: 由管理員設定</li></ul>
可以檢視(有限制)	<ul style="list-style-type: none"><li>● 可以檢視管理員指定的專案內所有資料夾的專利清單</li><li>● 可使用的功能: 由管理員設定</li></ul>

\*Patent Vault 功能包含 : 分析、監控、筆記、專案歷史與email 通知。

注意: 設定成員的權限為「專案管理人」則代表此成員也能設定其他成員的權限。  
變更協作帳號訪問權限後，該帳號需重新登入才能正常使用。

## 設定管理資料夾權限

資料夾權限獨立於專案角色。

擁有「專案負責人」或「可以編輯/檢視(無限制)」角色級的成員可以進入專案中的所有資料夾。對於具有(有限制)權限的成員，管理者必須指定該(有限制)成員可以看到哪些資料夾。

要變更資料夾存取權限，專案負責人應前往「協作管理」，並點擊「資料夾權限」的下拉選單，選擇他們希望授予檢視或存取權限的資料夾。完成時請按下送出。

User	Role	Permissions
krystelkayetanlee@inquartik.com Krystel Kaye	Can Edit With Limi...	5 folders, No Perm..., No Permission, Can Use, No Permiss..., None
JoannaChen@inquartik.com Joanna Chen	Manager	Can Use, Can Read, None
leolu@inquartik.com Leo Lu	Manager	Can Use, Can Read, None

Folder Selection Menu:

- All
- Tag
- Technical Spec
  - TS 38 211
  - TS 38 213
  - TS 38 331
- Company
  - Huawei
  - Qualcomm
  - LG
  - Google - High ER

Buttons: Cancel, Submit

注意：選擇一個資料夾並不會自動選擇其子資料夾。

## 設定管理成員專案內個別功能的權限

每個功能使用權限與資料夾權限無關，並且是專案級別的设置。請分別在「圖表分析」、「專利自動監控」、「筆記」的下拉選單中選擇「可操作」、「可閱讀」或是「沒有權限」。

有3個權限選項：

權限	存取
可操作*	可以使用所有功能，包括新建及使用此功能
可閱讀	可以查看，但不能管理或使用此功能
沒有權限	完全無法存取

\*在專案歷史無此選項

要變更每個團隊成員的權限，專案負責人必須點選每個功能（分析、自動監控、筆記和專案歷史）的下拉選單。然後，點擊「送出」以套用變更。

Status	Members (5/5)	Project Role	Folder Access	Analysis	Automatic Monitoring	Memo	Project History	Email Notification
1	Active  teresajiang@in quartik.com Teresa Jiang	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring, Memo, History
2	Active  Karenlee@in quartik.com Karen Lee	Manager	All	Can Use	Can Use	Can Use	Can Read	None
3	Active  krystelkayetanlee@in quartik.com Krystal Kaye	Can Edit With Limi...	5 folders	No Perm...	No Permission			None
4	Active  JoannaChen@in quartik.com Joanna Chen	Manager	All	Can Use	Can Use			None
5	Active  leolu@in quartik.com Leo Lu	Manager	All	Can Use	Can Use			None

Can Use  
Can Read  
No Permission

Cancel Submit

## 設定通知

系統預設5種通知 –「分析」、「監控」、「筆記」及「歷史」，然後點擊「送出」。每個專案成員都可以更改自己的通知設置。專案負責人也可以變更個別成員的設置。

### 專案負責人

在總覽，成員圖標下選設定，進入協作管理下設定通知，請點擊該下拉列表選擇您希望該成員收到通知的相關內容，然後點擊「送出」。

Status	Members (5/5)	Project Role	Folder Access	Analysis	Automatic Monitoring	Memo	Project History	Email Notification
1	teresajiang@inquartik.com Teresa Jiang	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring, Memo, History
2	Karenlee@inquartik.com Karen Lee	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring
3	krystelkayetanlee@inquartik.com Krystal Kaye	Can Edit With Limi...	5 folders	No Permi...	No Permission	Can Use	No Permiss...	<input checked="" type="checkbox"/> Analysis <input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Memo <input type="checkbox"/> History
4	JoannaChen@inquartik.com Joanna Chen	Manager	All	Can Use	Can Use	Can Use	Can Read	
5	leolu@inquartik.com Leo Lu	Manager	All	Can Use	Can Use	Can Use	Can Read	

Cancel Submit

### 成員自行設置

在專案總覽，點擊郵件圖示。選擇您想要啟用的通知，然後點擊「送出」。

PV
Overview
Folder Management
Patent Analysis
Data Grouping

Project

**Project Email Notification**

Project Name: \_\_\_\_\_ Email Notification: \_\_\_\_\_

Project: \_\_\_\_\_

None

Analysis

Monitoring

Memo

History

**Project History** 26

44 Events

Cancel Submit

## 注意:

設定成員的權限為「專案管理人」則代表此成員也能設定其他成員的權限。

變更協作帳號訪問權限後，該帳號需重新登入才能正常使用

專案成員的操作權限如下

## 專案負責人

在總覽，成員圖標下選設定，進入協作管理下設定通知，請點擊該下拉列表選擇您希望該成員收到通知的相關內容，然後點擊「送出」。

Status	Members (5/5)	Project Role	Folder Access	Analysis	Automatic Monitoring	Memo	Project History	Email Notification
1	Active teresajiang@in quartik.com Teresa Jiang	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring, Memo, History
2	Active Karenlee@in quartik.com Karen Lee	Manager	All	Can Use	Can Use	Can Use	Can Read	Analysis, Monitoring
3	Active krystelkayetanlee@in quartik.com Krystal Kaye	Can Edit With Limi...	5 folders	No Permi...	No Permission	Can Use	No Permiss...	<input checked="" type="checkbox"/> Analysis <input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Memo <input type="checkbox"/> History
4	Active JoannaChen@in quartik.com Joanna Chen	Manager	All	Can Use	Can Use	Can Use	Can Read	
5	Active leolu@in quartik.com Leo Lu	Manager	All	Can Use	Can Use	Can Use	Can Read	

Cancel Submit

## 成員自行設置

在專案總覽，點擊郵件圖示。選擇您想要啟用的通知，然後點擊「送出」。

PV
Overview
Folder Management
Patent Analysis
Data Grouping

Project

**Project Email Notification** ✕

Project Name	Email Notification
Project	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px;">None</div> <div style="padding: 2px;"><input type="checkbox"/> Analysis</div> <div style="padding: 2px;"><input type="checkbox"/> Monitoring</div> <div style="padding: 2px;"><input type="checkbox"/> Memo</div> <div style="padding: 2px;"><input type="checkbox"/> History</div> </div>

**Project History** 26

44 Events

Cancel Submit

# *Patent Vault* 頁面 (各標籤頁)

- 總覽
- Folder Management  
Actions, Tools
- 產業化專利分析  
基本分析, Advanced Analysis
- Data Grouping

## 總覽頁面顯示專案中每個功能的狀態。

您可以點擊在專案管理中的任一專案進行總覽。一旦管理人邀請了 Patent Search Basic, Advanced 或 Prem 成員，他們就可以「查看」、「編輯」或「管理」（取決於被邀請者的權限設定）專案內容，包括其他成員新增的「分析圖表」、「筆記」、「專案歷史」等。非訂閱 Patent Search 的成員只能「查看」專案內容。在「專案列表」中選擇並點擊您的任一專案以查看其「總覽」頁面\*。

The screenshot displays the 'Patent Vault' interface. At the top, there is a search bar for 'Project List (27)'. Below this, several project cards are shown, including 'Purchase', '合作規劃', 'SEP - DEMO', 'SEP-Collaborate', and 'PV testing'. The 'SEP - DEMO' card is highlighted with an orange border. An arrow points from this card to a detailed view of the project. The detailed view includes a navigation bar with 'Overview', 'Folder Management', 'Patent Analysis', and 'Data Grouping'. Below the navigation bar, there are several summary cards: 'Analysis' (2 Charts), 'Automatic Monitoring' (4 Monitoring), 'Memo' (5 Memos), 'Project History' (181 Events), 'Due Diligence Report' (0 Reports), and 'Quality Insights Report' (0 Reports). A 'CLEARSTONE FTO' card shows 0 Reviews. At the bottom, there is a 'Chart: 2' section with a table of patent records.

No.	Title	Type	Folder/Dimensions	Count	Memo	Creator	Date Created
1.	Curr. Assignee,Legal Status vs. Folder/TS 38 331	Advanced	Technical Spec > TS 38 331 X axis Curr. Assignee ;Legal Status Y axis Folder	12264 (Records)		Joanna Chen	2021-10-06 15:22
2.	Patent Office,Simple Status vs. Appl. Date/Company	Advanced	Company X axis Patent Office ;Simple Status Y axis Appl. Date	50591 (Records)		Joanna Chen	2021-10-06 15:11

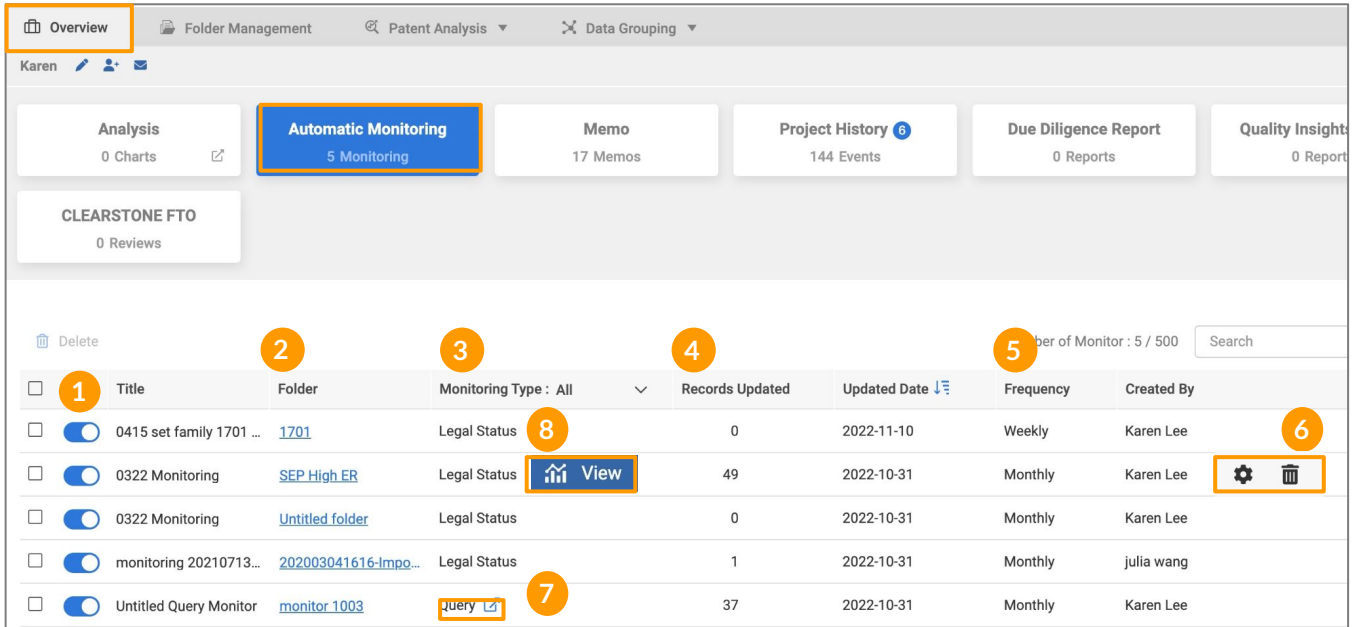
如果您將預設登入頁面設置為「資料夾管理」，您將看到資料夾管理頁面。要更改預設設置，請參照 [圖一 預設專案入口頁面](#)。

\*只有當專案經理訂閱了 *Due Diligence* 或 *Quality Insights* 並將報告儲存到此專案時，*Due Diligence* 和 *Quality Insights* 報告的標籤才會顯示。



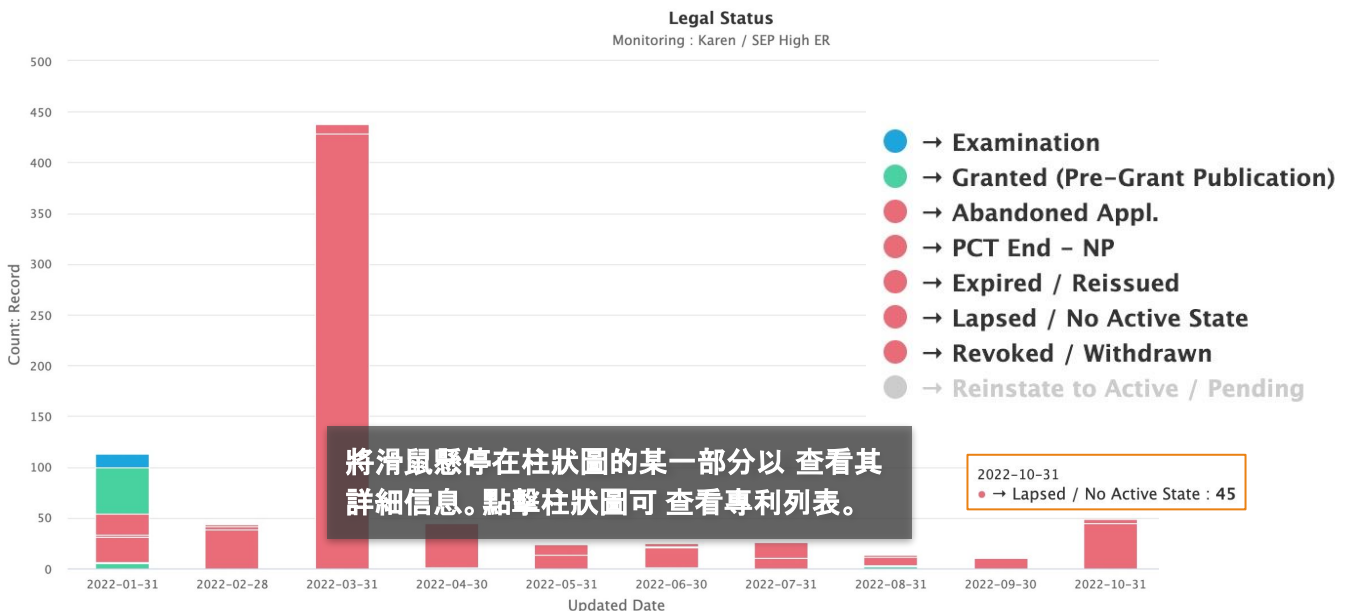
## 輕鬆地追蹤所有新增狀態和法律狀態的更新

在總覽頁面上的「自動監控」標籤允許您輕鬆檢查哪些專利已經更新，以及您接收通知的頻率。

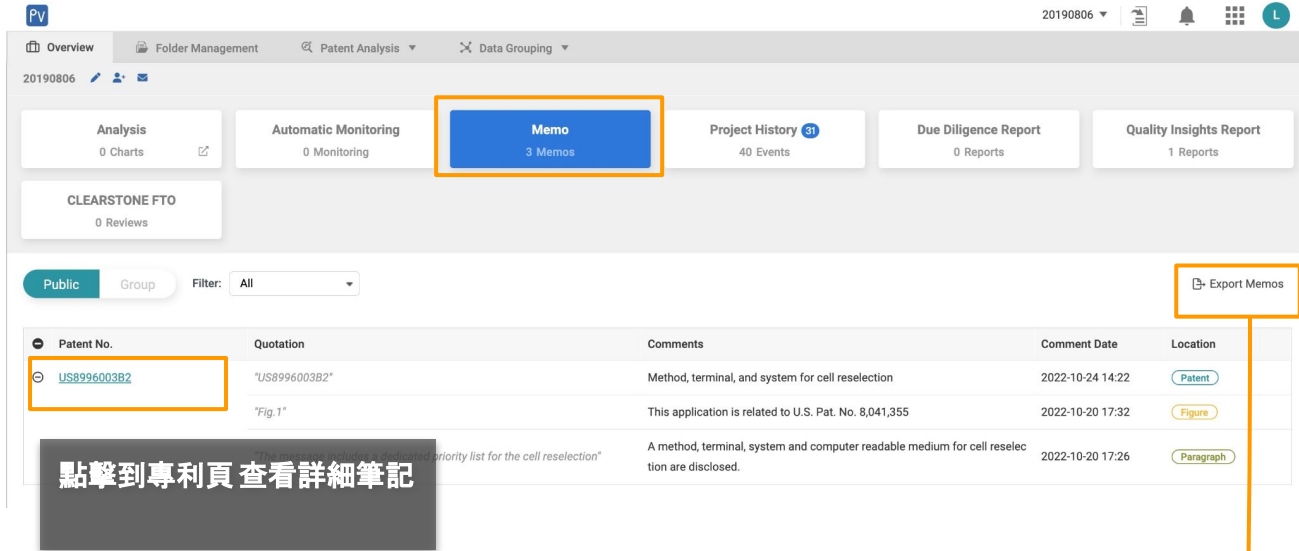


### 頁面上的資訊和功能包括：

1. 切換以開啟/關閉此監控
2. 點擊前往「資料夾管理」頁面上的資料夾
3. 監控類型：法律狀態或查詢
4. 最新更新中的新結果數量
5. 監控頻率：按周、月或您自定義的設置
6. 懸停在每個項目上以刪除該項目或調整設置
7. 前往Patent Search, 使用此查詢的最新專利列表
8. 懸停在每個項目上並點擊「查看」按鈕，在新的瀏覽器標籤中顯示相對應的統計圖表

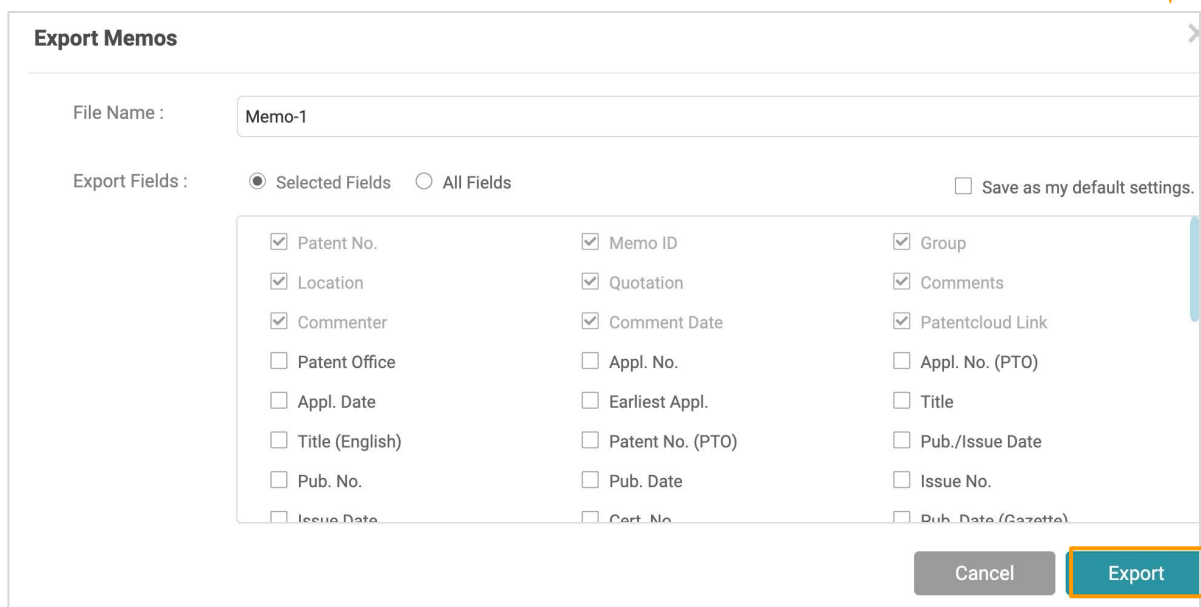


在 PV 內，您可以在共享專案的「總覽」中，利用「筆記」以管理和獲取最近訊息。



## 匯出帶有筆記內容的專利列表


您可以將筆記的評論與專利資料欄位一起匯出到一個 Excel 文件 (.xlsx)。在 Patent Vault 的「筆記」標籤或「專利」頁面上，點擊「匯出筆記」，選擇您想要的專利資訊欄位，然後點擊「匯出」。

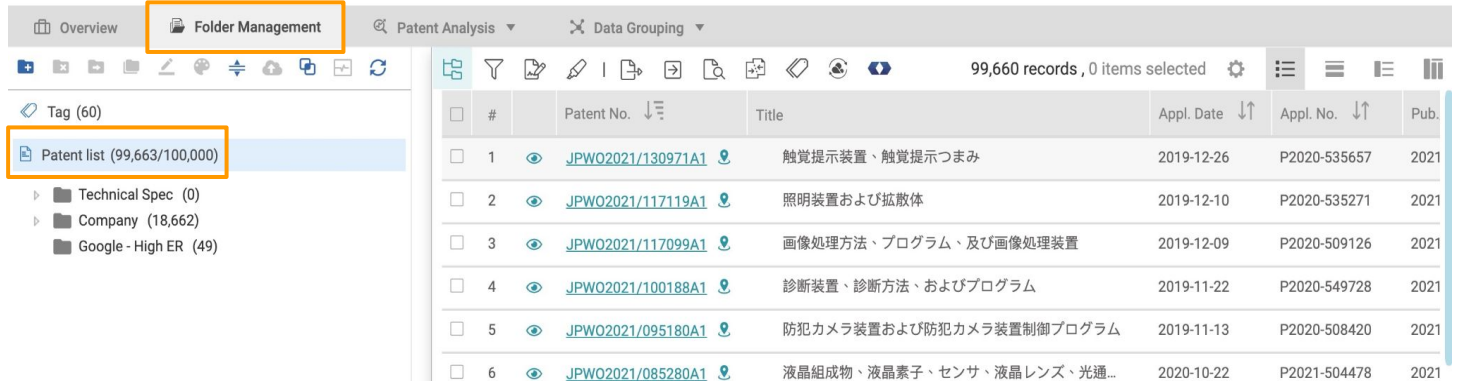


如何在專利資訊頁面做筆記請參照：[筆記管理](#)

# 資料夾管理

在資料夾管理中，您可以將檢索到的專利，或您所擁有的專利清單匯入以儲存至 *Patent Vault* 專案的資料夾中。

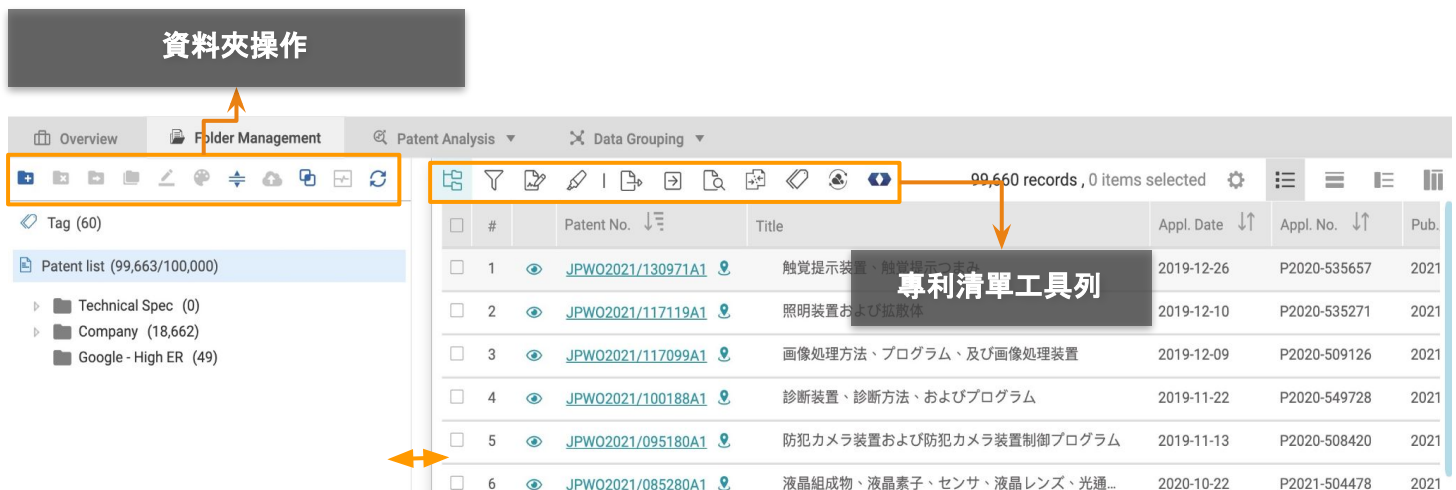
最上層的主資料夾  稱為「專利清單」，旁邊的數字為所有您所儲存的專利數量以及您的 *Patent Vault* 容量上限。即使您將同一件專利歸類在多個不同的資料夾中，也只會被計算為「一件專利」；要檢索資料夾內的專利，可見[二次檢索](#)。



注意：保存在多個資料夾中的相同專利或公開號將只在您的總數中被記錄為一（1）個唯一的專利。

## 資料夾操作與專利清單工具列

資料夾管理頁面分為兩部分 - 左側的資料夾列表和右側的每個資料夾的專利列表。下兩節將分別介紹每部分的操作/工具。

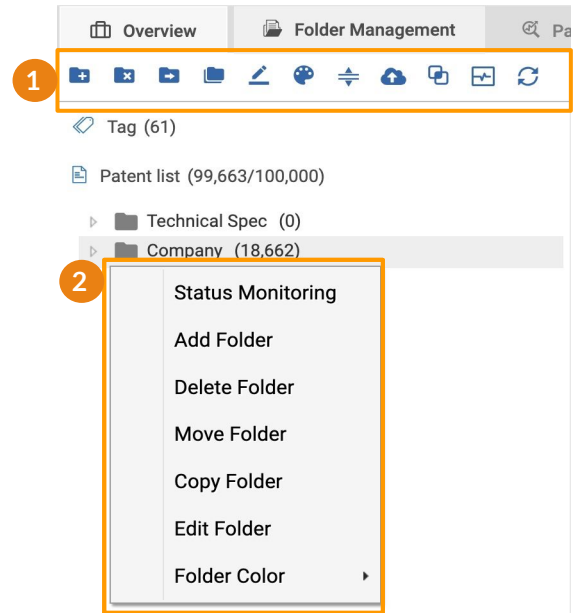


You can click and drag the middle bar to adjust the viewing portion of each side.

## 資料夾管理操作

進行資料夾管理操作的兩種方法：

1. 選擇任何資料夾並點擊頂部的操作圖標。
2. 右鍵點擊任何資料夾以查看每一個操作。



## Actions and Their Icons

圖標	項目	說明
	新增資料夾	在您所選取的資料夾內新增子資料夾，點選主資料夾左方三角形，以瀏覽新增的子資料夾。
	刪除資料夾	刪除您選選取的資料夾，點選「確認」後，執行動作。
	移動資料夾	將資料夾移至另一個資料夾，點選「確認」後，執行動作。
	複製資料夾	複製選取的資料夾至另一個資料夾。
	修改資料夾名稱	改變資料夾名稱，按下鍵盤上的 Enter 後，執行此動作。
	調色盤	更改資料夾的顏色以便區別，此功能目前限制在四個顏色。
	擴展或合併資料夾樹狀結構	展開/收起資料夾樹狀結構。
	利用 Excel 範例檔匯入專利	透過Excel將專利導入所選的資料夾。
	建立聯集、交集等集合資料夾	合併資料夾。
	法律狀態監控	追蹤資料夾內專利的法律狀態變化。
	重新整理	在新增 / 刪除 / 移動 / 複製資料夾後，請刷新以查看最新的資料夾狀態。

## 透過Excel模板將專利導入 Patent Vault。

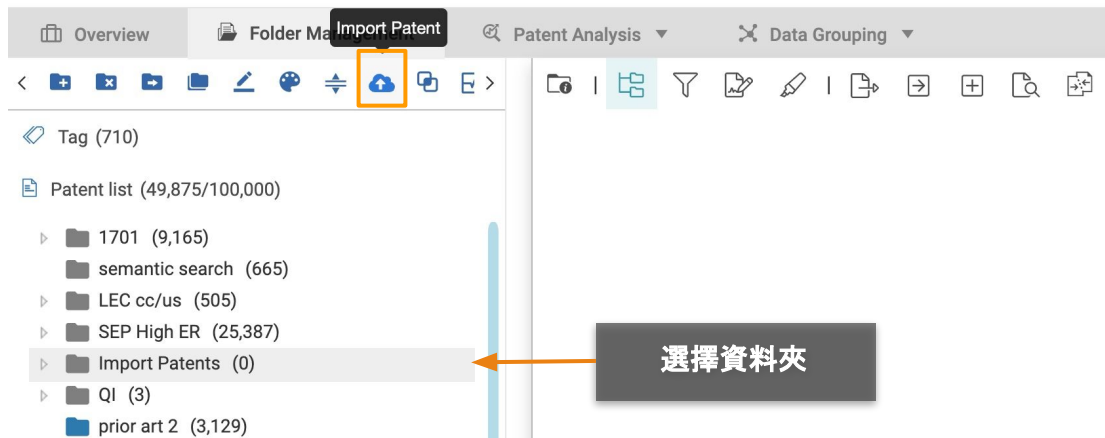


保存和管理您的專利、申請和未公開專利申請於單一工作空間。

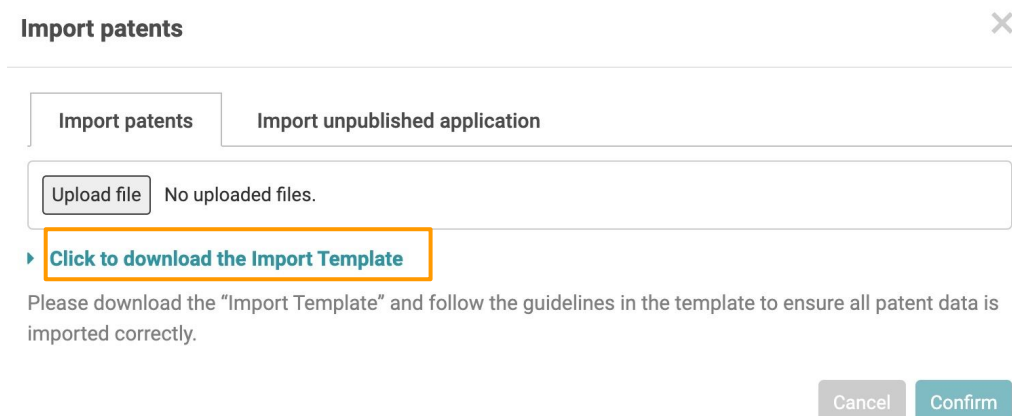
除了從 Patentcloud 產品 – *Patent Search*, *Quality Insights*, *SEP OmniLytics*, *Due Diligence*, and *Design Search* – 匯入專利外，您也可以直接從 Excel 檔案上傳專利至 *Patent Vault*。此外，您還可以上傳未公開的專利申請至 *Patent Vault* 進行專利資料管理。

### 匯入專利的方法：

1. 開啟 *Patent Vault* 並選擇一個專案。
2. 在資料夾管理頁面，選擇或新增一個資料夾以匯入專利。確保點擊資料夾後，再點擊匯入專利圖示。此時，一個匯入專利的窗口將會出現。



### 3. 點擊以下載匯入模板」



透過Excel模板將專利導入 *Patent Vault*。



匯入專利：

- 請按照範例上的規則填寫「專利號」和/或「申請號」，您必須至少填寫其中一個項目，否則您將無法上傳到 *Patent Vault* 特定專案資料夾。若想準確匯入您想要的專利，可同時輸入「專利申請號」和「公開公告號」。

5.

	A	B	C	D	E	F
1	<b>Templates for Importing Patents and Sub-Folders</b>					
2	<b>Rules for Filling in Information</b>					
3	1. Please fill in the following field(s): Country, Patent No., Appl No., or Sub-Folder.					
4	2. Kindly note that either the Patent No. or Appl. No. must be filled in, or the file will not be able to be uploaded to Excel.					
5	3. If the Patent No. or Appl. No. is filled in incorrectly, then that column will not be able to be imported.					
6	4. If the Patent No. and Appl. No. are filled in but cannot be matched, then the column will not be able to be imported.					
7	5. If the country code (e.g., 7823240B2) is not filled in for both the Patent No. and Appl. No., and the Country field is also r					
8	6. If only the Patent No. or Appl. No. is filled in, then the corresponding sub-folder should not be filled in. Patentcloud will					
9						
10	Country	Patent No. *	Appl. No. *	Sub-Folder		
11	US	7479949		COMMUNICATION		
12						
13						
14						
15						
16						
17						
18						

- 完成的檔案可先儲存至您的電腦。在完成上述步驟後請重複步驟1，並選擇「上傳檔案」。

### Import patents

Import patents | Import unpublished application

Upload file [Import\\_Patents\\_and\\_Sub-folder\\_Templates.xlsx](#)

▶ [Click to download the Import Template](#)

Please download the "Import Template" and follow the guidelines in the template to ensure all patent data is imported correctly.

Cancel Confirm

- 點擊 **確定**。

透過Excel模板將專利導入 *Patent Vault*。



## 匯入專利：

7. 請前往「工作概覽」頁面以查看上傳狀態。任務完成後，點擊眼睛圖示以開啟一個新的瀏覽器標籤頁，顯示包含新上傳專利的文件夾。

The screenshot shows the 'Job Overview' table with the following data:

Task	Execute Time	Status	Action
Import Patents in Folder Import Patents	2022-11-14 17:45	Completed ( 1 patents in total. )	

A message dialog box is displayed with the following content:

**Message**

You have successfully imported 1 patents and 1 subfolders, and 0 patents have not been imported.

[Download the Imported/Failed Patent List](#)

**I got it.**

The screenshot also shows the Patent Vault interface with the following elements:

- Navigation tabs: Overview, Folder Management, Patent Analysis, Data Grouping
- Left sidebar: Tag (710), Patent list (49,876/100,000), 1701 (9,165), semantic search (665), LEC cc/us (505), SEP High ER (25,387), Import Patents (0), 201902201755-ImportList (4), 201910300947-ImportList (1,782), 202211141745-ImportList (0), **COMMUNICATION (1)**
- Table with columns: #, Patent No., Title
- Table row: 1, , [US7479949B2](#), [Touch screen device, method, an](#)



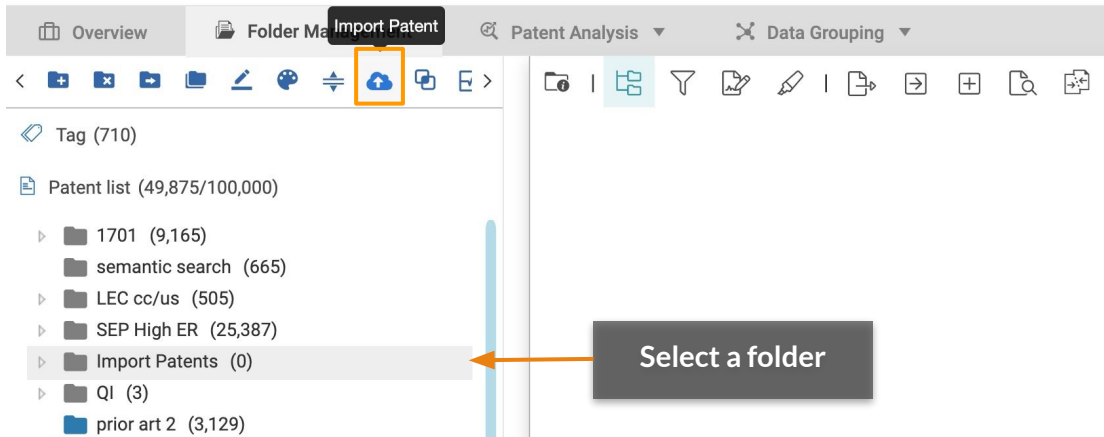
## 將未公開專利申請導入Patent Vault(通過 Excel)



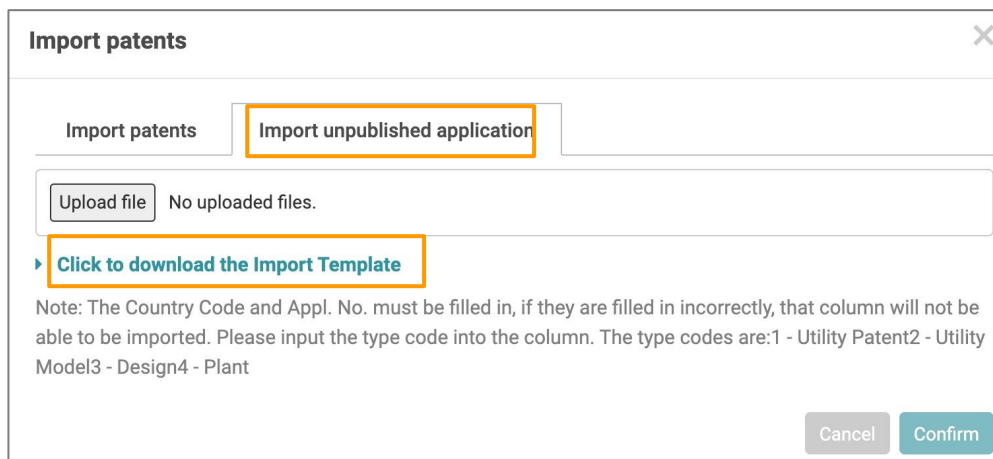
未發表的專利申請也可以保存到專利保險庫以進行專利數據管理。

### 導入未發表的專利申請的步驟如下：

1. 開啟專利保險庫並選擇一個專案。
2. 在「資料夾管理」頁面中，選擇或新增一個用於導入專利的資料夾。請確保點擊一個資料夾，然後點擊「導入專利」圖示。將會出現一個導入專利的視窗。



3. 切換至「導入未發表專利申請」標籤頁，並下載導入模板。



## 將未發表的專利申請導入專利保險庫(通過Excel)



### 導入未公開專利申請：

4. 依照模板中的指示填寫專利號碼和/或申請號碼。國家代碼和申請號 (Appl. No.) 必須填寫。若填寫不正確，該列將無法被導入。請在該列中輸入類型代碼。類型代碼包括：
  - 1 - 實用新型專利
  - 2 - 實用模型
  - 3 - 設計專利
  - 4 - 植物專利

完成後，請儲存檔案。

Templates for Importing Unpublished Patents and Sub-Folders												
Rules for Filling in Information												
1. Please fill in the following field(s): Country, Appl No., or Sub-Folder, Appl. Date, Earliest Appl., Earliest Priority, Title, Patent Type, Applicant, Inventor, Agency, Abstract, Designated in.												
2. Kindly note that either the Country and Appl No. must be filled in.												
3. If the Country code, and Appl. No. is filled in incorrectly, then that column will not be able to be imported.												
4. Please input the type code into the column. (The meaning of type code: 1-Utility Patent, 2-Utility Model, 3-Design, 4-Plant).												
Country *	Appl. No. *	Sub-Folder	Appl. Date	Earliest Appl.	Earliest Priority	Title	Patent Type	Applicant	Inventor	Agency	Abstract	Designated in
US	15/573760		2016-05-13	2016-05-13	2015-05-15	Terminal device, base station device, and	1	SHARP KABUSHIKI KAISHA : Kazuyuki	Kazuyuki Shimezawa, Alvaro Ruiz Delgado : Naoki	ScienBIZIP, P.C. : ABC	A terminal device (UE) includes a reception unit configured to monitor multiple enhanced physical downlink control channels (EPDCCHs) on a	CN : US

5. 在填寫模板並儲存檔案後，重複步驟1並點擊「上傳檔案」以選擇您的檔案。一旦上傳，檔案名稱將在「導入未公開專利申請」標籤頁下顯示。

**Import patents**
✕

Import patents

Import unpublished application

Upload file

202211150719\_UnpublishedPatents.xlsx

▶ [Click to download the Import Template](#)

Note: The Country Code and Appl. No. must be filled in, if they are filled in incorrectly, that column will not be able to be imported. Please input the type code into the column. The type codes are: 1 - Utility Patent 2 - Utility Model 3 - Design 4 - Plant

Cancel

Confirm

6. 點擊「確認」以上傳檔案。

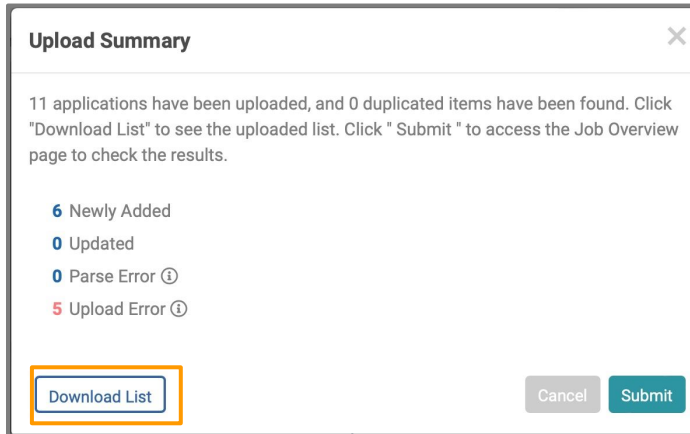
未發表的專利申請將作為一個新資料夾被添加到您的專利保險庫專案中。如果您希望某些申請存儲在子資料夾中，可以在Excel模板中定義——只需在相應的列中輸入子資料夾的名稱。

## 將未發表的專利申請導入專利保險庫(通過Excel)



### 導入未發表的專利申請：

7. 上傳檔案後，您將看到「上傳摘要」。您可以檢視摘要查找上傳問題，並點擊「下載列表」按鈕以查看哪些單元格有錯誤。

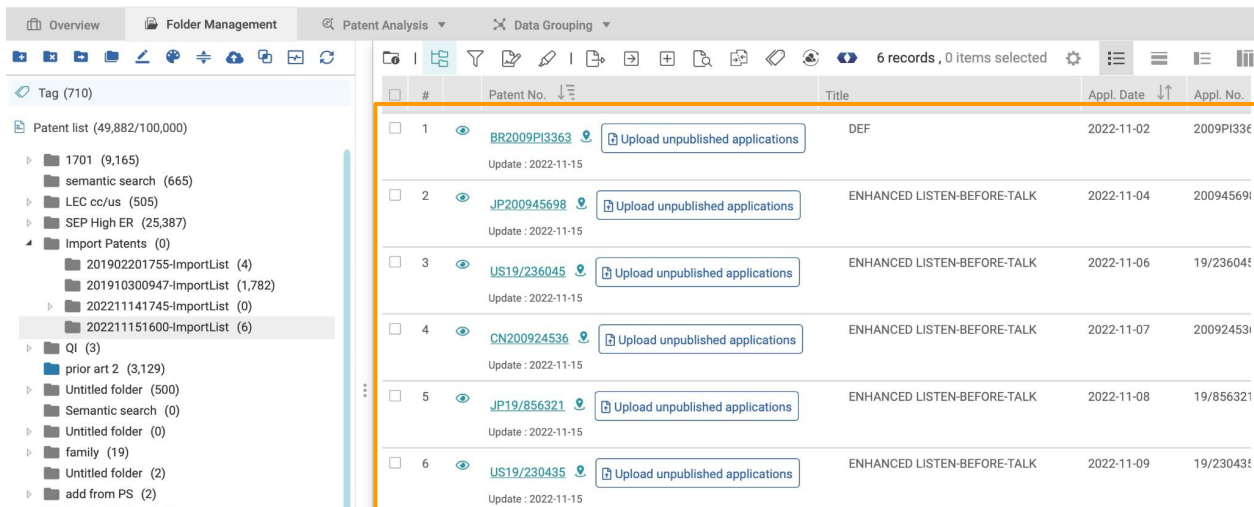


**解析錯誤：**  
無法解析欄位資訊。

**上傳錯誤：**  
根據申請號碼，該專利申請已經被發表並被指定了一個發表號碼。

Designated in	Provisional Application	Result	Memo/Reason
CN : US	N	Upload Error	Published Application
TW	N	Upload Error	Published Application
JP	N	Upload Error	Published Application
BR	N	Success	Update (Replace)
CN	N	Upload Error	Published Application

8. 請前往「工作總覽」頁面以查看上傳狀態。任務完成後，點擊眼睛圖示以開啟一個新的瀏覽器標籤頁，顯示包含新上傳申請的文件夾。



## 導入未發表申請的請求項和說明書



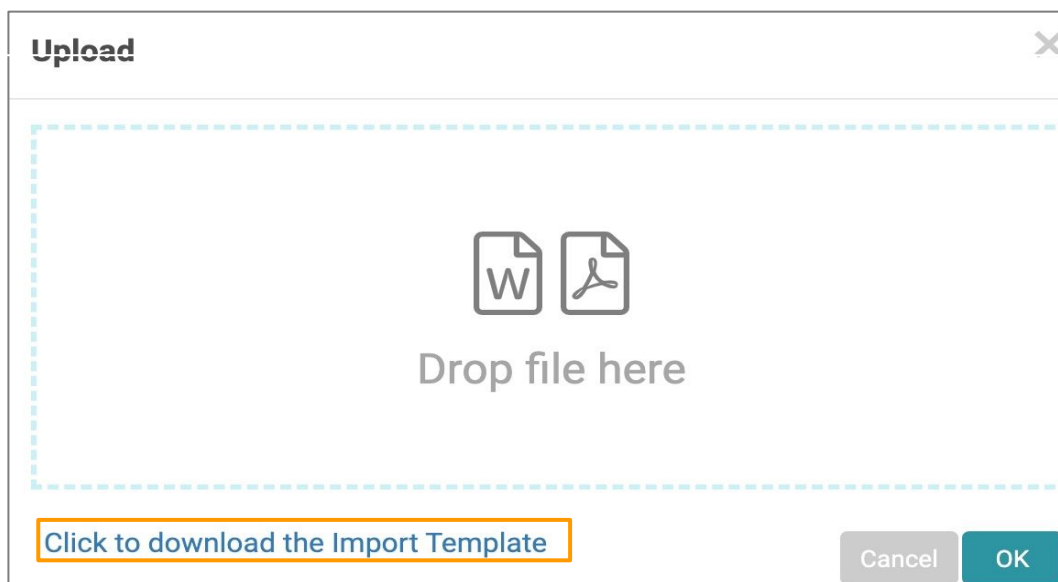
一旦您已成功從您的 Excel 檔案中導入未發表的專利申請，您可以上傳該專利的請求項和說明書。

### 導入請求項和說明書的步驟：

1. 點擊一個申請的「上傳未發表申請」按鈕，一個上傳視窗將會出現。

#	Patent No.	Title	Appl. Date	Appl. No.
1	BR2009PI3363	DEF	2022-11-02	2009PI336
2	JP200945698	ENHANCED LISTEN-BEFORE-TALK	2022-11-04	20094569
3	US19/236045	ENHANCED LISTEN-BEFORE-TALK	2022-11-06	19/236045
4	CN200924536	ENHANCED LISTEN-BEFORE-TALK	2022-11-07	20092453
5	JP19/856321	ENHANCED LISTEN-BEFORE-TALK	2022-11-08	19/856321
6	US19/230435	ENHANCED LISTEN-BEFORE-TALK	2022-11-09	19/230435

2. 下載導入模板



## 導入未發表申請的請求項和說明書



### 導入請求項和說明書的步驟：

3. 按照模板上的指導填寫申請的請求項和說明書。完成後，請儲存檔案。

**Rules of Uploading File (Word) about Patent Claims & Specification**

1. It is recommended to use Microsoft Word 2000 or above.
2. The following fonts are **recommended**:
  - Times New Roman、Arial、Arial Black、Arial Narrow、Bookman Old Style、Comic Sans Ms、Courier New.
3. Do not insert any pictures and use special symbols.
4. Rules for setting bullets, topics and text.

• Please fill in the "upload content" of <Claims> in the blank paragraph between the subject <Claims> and subject <Specification> in the <Template>.

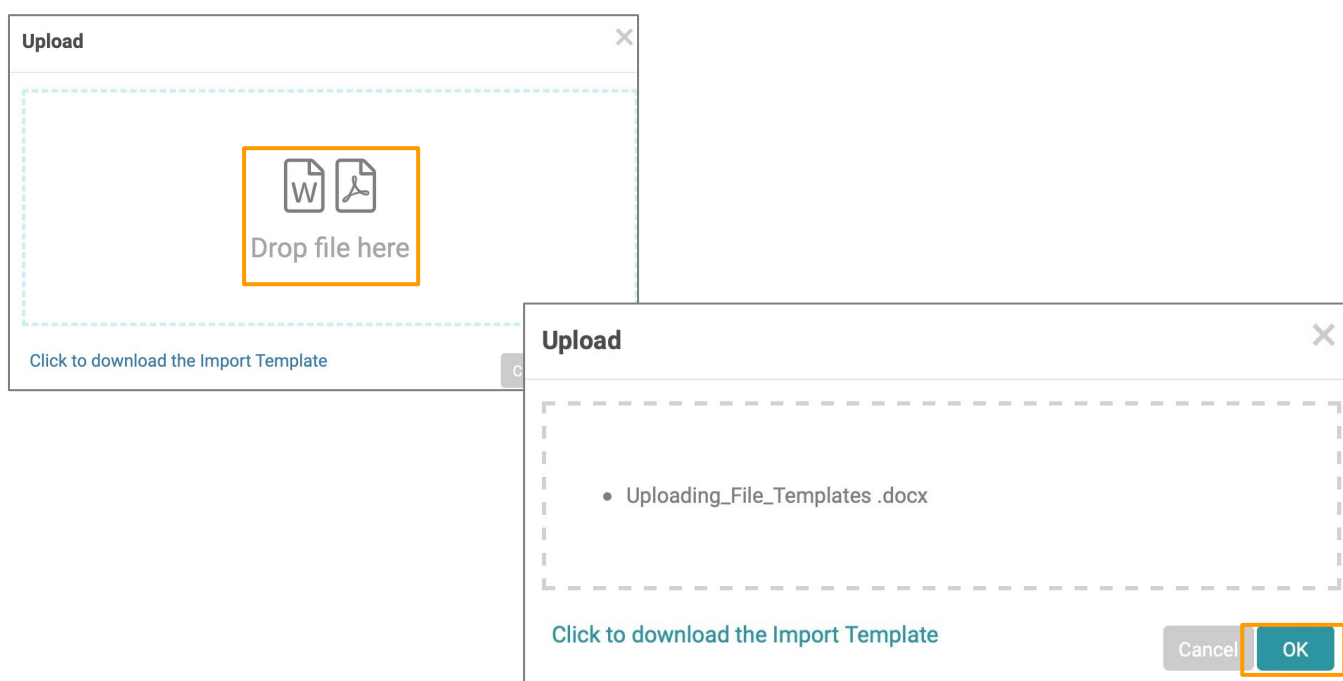
• In the blank paragraph after the subject <Specification>, fill in the "upload content" of <Specification>.

**Template for Uploading File (Word) of Patent Claims & Specification**

**(1)Claims**

1. A computer-implemented method for parameter optimization of at least one interlayer handover in a multilayer wireless cellular communication network, the method comprising:obtaining information indicative of load in the communication network; averaging the obtained information for the communication network over a

4. 重複步驟1。並在上傳視窗中選擇您已儲存的檔案，完成後點擊「確定」。



## 查看未公開專利申請的詳細資訊



若要檢視未公開專利申請的詳細資訊，請點擊專利號碼，進入該專利的詳細頁面。

<input type="checkbox"/>	#	Patent No. ↓	Title	Appl. Date ↓↑	Appl. No.
<input type="checkbox"/>	1	<span style="border: 1px solid orange; padding: 2px;">BR2009PI3363</span> <span style="border: 1px solid blue; padding: 2px;">Upload unpublished applications</span>	DEF	2022-11-02	2009PI336
		Update : 2022-11-15			

BR2009PI3363 Unpublished

Risk
Rel...

**DEF**

Full Text History Original Document

**Abstract**

A terminal device (UE) includes a reception unit configured to monitor multiple enhanced physical downlink control channels (EPDCCHs) on a Secondary cell. In a case that the Secondary cell is a licensed assisted access Secondary cell and a higher layer parameter of the Secondary cell indicates that a starting position of downlink transmission is either a Subframe boundary or a slot boundary, the terminal device is configured to monitor both a first set of UE-specific search space candidates in a first EPDCCH and a second set of UE-specific search space candidates in a second EPDCCH, in a subframe. A starting symbol for the first EPDCCH is specified by an index in a first slot in the subframe. A starting symbol for the second EPDCCH is specified by the index in a second slot in the subframe.

**Specification**

**CROSS-REFERENCE TO RELATED APPLICATIONS**  
[0003]  
The disclosed embodiments relate generally to electronic devices with touch screen displays, and more particularly, to electronic devices that apply heuristics to detected user gestures on a touch screen display to determine commands.

**BACKGROUND**  
[0004]  
As portable electronic devices become more compact, and the number of functions performed by a given device increase, it has become a significant challenge to design a user interface that allows users to easily interact with a multifunction device. This challenge is particular significant for handheld portable devices, which have much smaller screens than desktop or laptop computers. This situation is unfortunate because the user interface is the gateway through which users receive not only content but also responses to user actions or behaviors, including user attempts to access a device's features, tools, and functions. Some portable communication devices (e.g., mobile telephones, sometimes called mobile phones, cell phones, cellular telephones, and the like) have resorted to adding more pushbuttons, increasing the density of push buttons, overloading the functions of pushbuttons, or using complex menu systems to allow a user to access, store and manipulate data. These

**Bibliography**

**Legal Status :** Unpublished Patent  
**Designated In :** BR  
**Applicant :** [Karen Lee](#)  
**Patent Type :** Utility Patent  
▲ Show Less

**Appl. No. :** 2009PI3363  
**Appl. Date :** 2022-11-02  
**Inventor (Std) :** [Kazuyuki Shimezawa, Alvaro Ruiz Delgado, Naoki Kusashima](#)

## 編輯未發表的專利申請



您可以使用「編輯」功能來修改未公開專利申請的書目資料、請求項和說明書。

在頁面頂部點擊「未公開專利申請」圖示，選擇您想要編輯的元素。

The screenshot shows the 'Edit' dialog box for patent application BR2009PI3363. The dialog has three tabs: 'Bibliography', 'Claims', and 'Specification'. The 'Specification' tab is selected. The form contains the following fields:

- Country: BR
- \*Appl. No.: 2009PI3363
- Title: DEF
- Abstract: A terminal device (UE) includes a reception unit configured to monitor multiple enhanced physical downlink control channels (EPDCCHs) on a Secondary cell. In a case that the Secondary cell is a licensed assisted access Secondary cell and a higher layer parameter of the Secondary cell indicates that a starting position of downlink transmission is either a
- Appl. Date: 2022-11-02
- Earliest Priority: yyyy-mm-dd
- Earliest Appl.: yyyy-mm-dd
- Designated In: BR
- Patent Type: Utility Patent
- Applicant: Karen Lee
- Inventor: Karen Lee

Buttons for 'Cancel' and 'Save' are at the bottom right of the dialog.

您也可以使用相同的圖示從專利頁面上傳請求項和說明書。

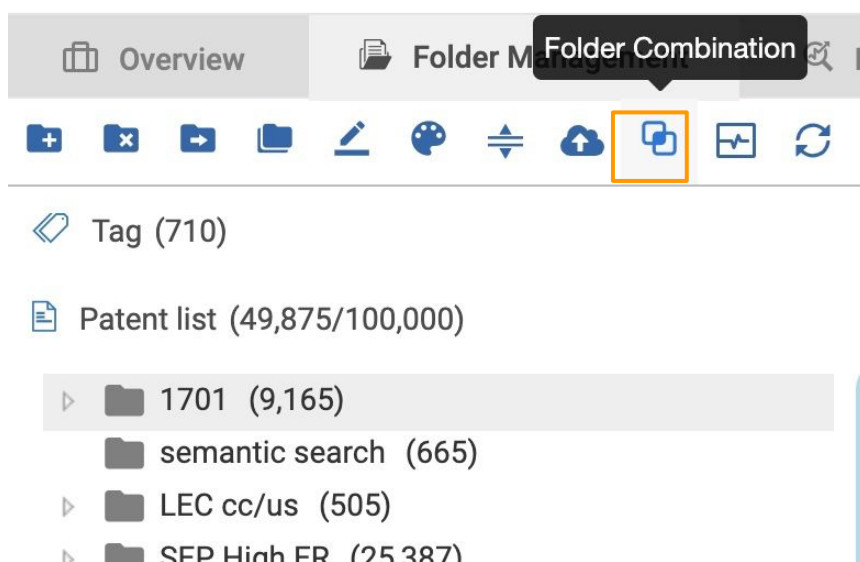
The screenshot shows the 'Specification' tab of the patent application interface. The 'Specification' field contains the text: 'CROSS-REFERENCE TO RELATED APPLICATION: [0003] The disclosed embodiments relate generally to a'.

## 資料夾合併

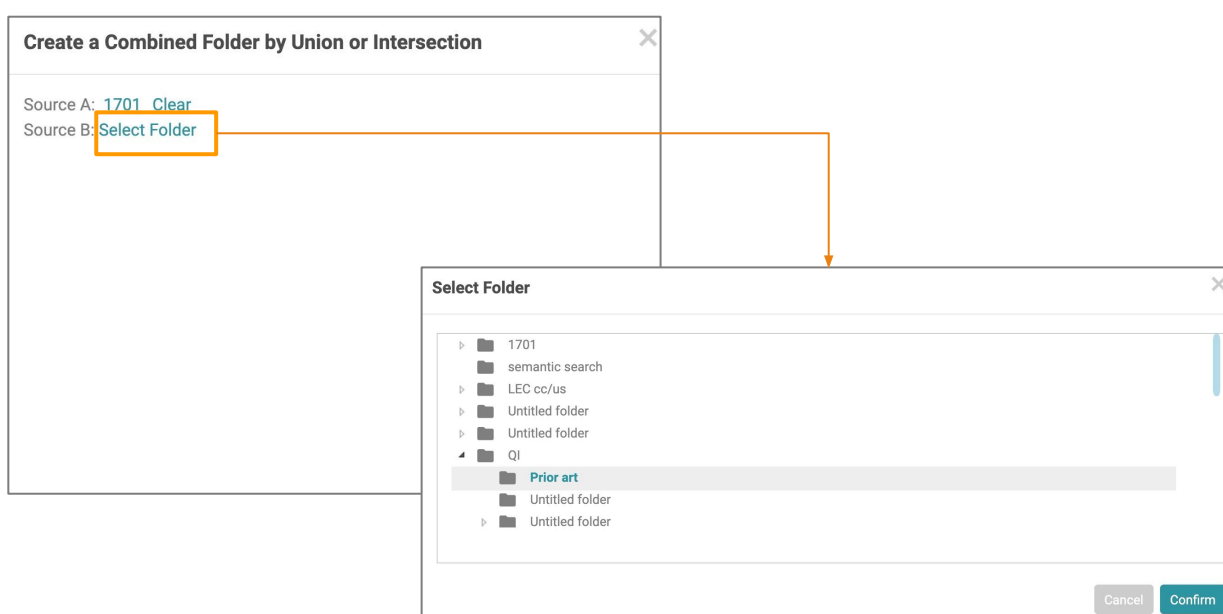
使用「資料夾合併」動作，您可以通過並集或交集的方式合併多個資料夾。

### 建立合併資料夾：

1. 點擊「資料夾合併」按鈕。



2. 選擇二或三個資料夾





## 資料夾合併



### 建立合併資料夾

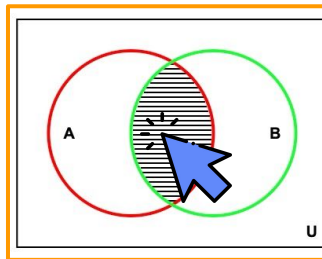
3. 在彈出視窗中顯示的文氏圖中，點擊您希望合併為一個新資料夾的區域。然後，點擊「Comferm」。

#### Create a Combined Folder by Union or Intersection ✕

Source A: 1701 [Clear](#)

Source B: QI > Prior art [Clear](#)

Source C: [Select Folder](#)



Select Regions:AB

Cancel

Confirm

4. 從「工作概覽」狀態頁面返回「資料夾管理」頁面。在資料夾列表中，您將看到一個新資料夾，其中包括合併後的專利列表。

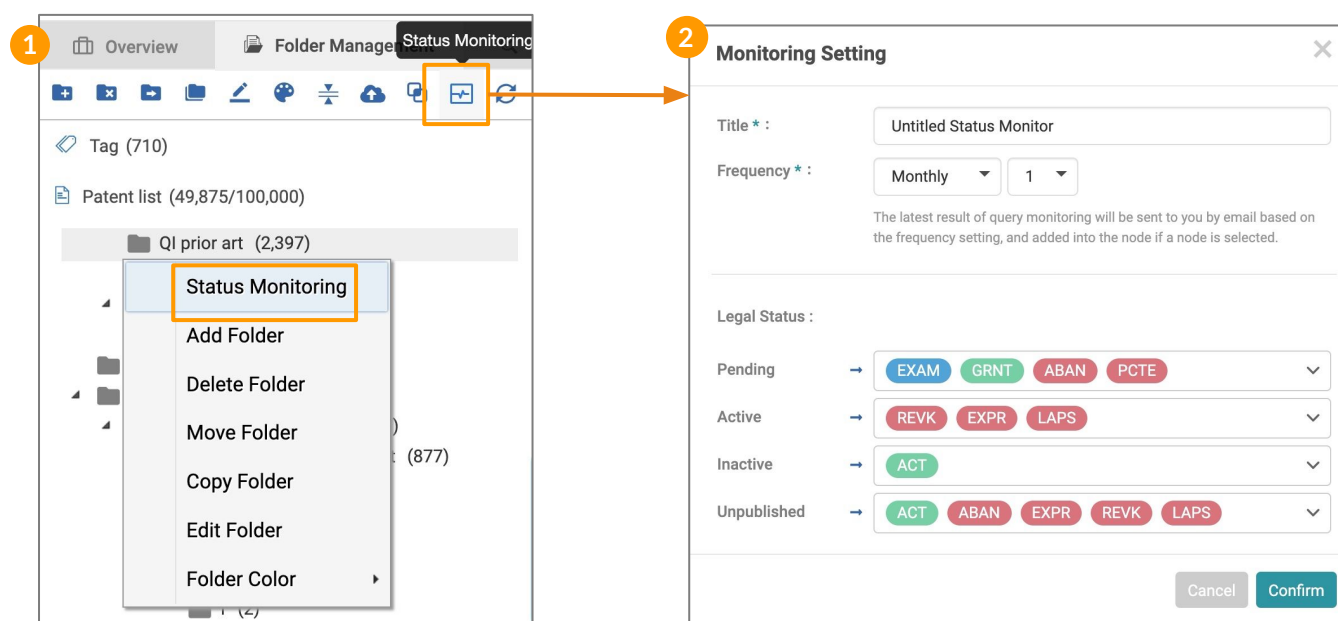
#	Patent No.	Title	Appl. Date	Appl. No.	Pub./Issue Da
1	<a href="#">US9638954B2</a>	Display apparatus and backlight	2014-04-09	14/248453	2017-05-02
2	<a href="#">US20140307420A1</a>	DISPLAY APPARATUS AND BACKLIG...	2014-04-09	14/248453	2014-10-16

## 狀態監控

使用「法律狀態監控」來追蹤您選定的專利的任何狀態變更。此功能允許您在有新的發展（待定、活動或非活動狀態）時收到電子郵件和系統提醒。

### 設置法律狀態監控的步驟：

1. 選擇您希望監控的資料夾，然後點擊頁面頂部的「狀態監控」圖示，或者直接右鍵點擊資料夾選擇「狀態監控」。監控設置面板將會出現。

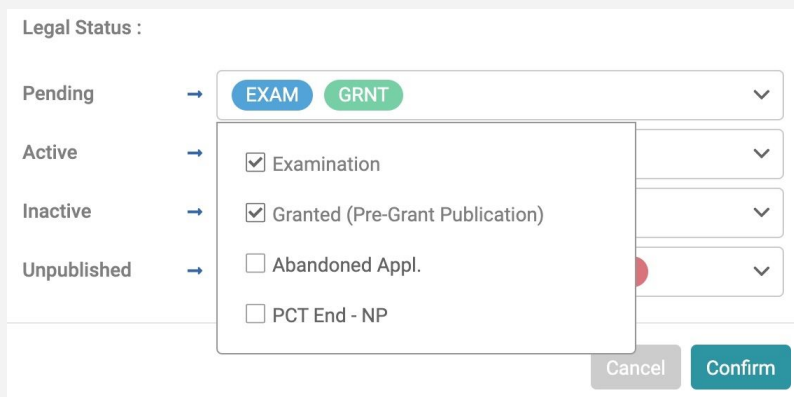


2. 根據需要創建您的設置。

在專利的生命週期中，最關鍵的八個狀態（如上圖所示）已包含在「狀態監控」功能中，以便讓您為您感興趣的專利做好準備或進行下一步動作。

您可以使用不同的法律狀態過濾器來微調您的監控。上面的圖片是默認設置。

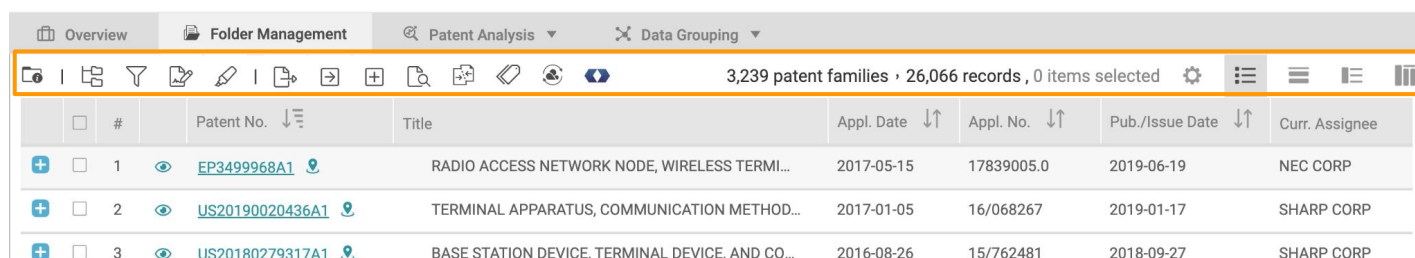
從每個下拉列表中編輯法律狀態以達到您的首選設置。例如，選擇「待定」→「審查/授權」，以獲得有關申請在起訴過程中已進入哪個階段的更新。



查看 [「概覽頁面 - 自動監控」](#) 以了解查看監控結果的詳情。

# 資料夾管理 - 專利清單工具

文件夾管理頁面功能和工具列提供了許多功能，幫助我們的用戶查看、過濾、分析和  
管理結果。



The screenshot shows the 'Patent Analysis' tool interface. At the top, there are tabs for 'Overview', 'Folder Management', 'Patent Analysis', and 'Data Grouping'. Below the tabs is a toolbar with various icons for actions like search, filter, and view. The main area displays a table with the following data:

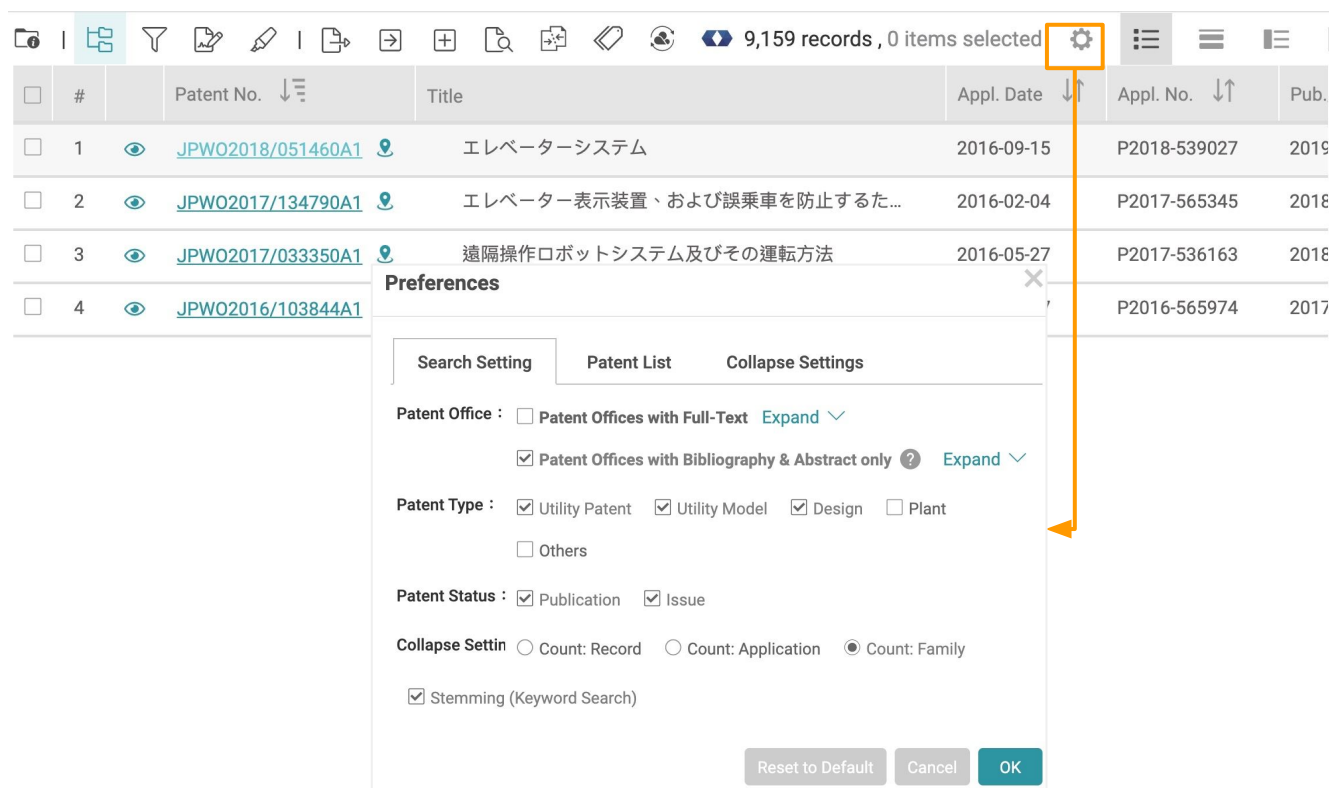
	#	Patent No.	Title	Appl. Date	Appl. No.	Pub./Issue Date	Curr. Assignee
+	1	<a href="#">EP3499968A1</a>	RADIO ACCESS NETWORK NODE, WIRELESS TERMI...	2017-05-15	17839005.0	2019-06-19	NEC CORP
+	2	<a href="#">US20190020436A1</a>	TERMINAL APPARATUS, COMMUNICATION METHOD...	2017-01-05	16/068267	2019-01-17	SHARP CORP
+	3	<a href="#">US20180279317A1</a>	BASE STATION DEVICE, TERMINAL DEVICE, AND CO...	2016-08-26	15/762481	2018-09-27	SHARP CORP

以下各章節將詳細介紹各種專利清單工具功能。

- [個人化設定](#)－檢索設置、專利列表中查看的信息和合併設置。
- [瀏覽模式](#)－列表模式、圖片總覽模式、圖片瀏覽模式和並排檢視模式
- [選取/取消-檢索結果](#)－管理結果列表。
- [檢索結果工具](#)－進階篩選, 螢光筆, 比對, 合併, 統計圖表, 匯出, 擴展, 標籤, 加入專案, 轉送至 (Quality Insights 或 Due Diligence)

客製化管理您對檢索設置、專利列表中 查看的信息和合併設置。

按下檢索結果右邊的  圖標來管理個人化設定。



#	Patent No.	Title	Appl. Date	Appl. No.	Pub.
1	<a href="#">JPWO2018/051460A1</a>	エレベーターシステム	2016-09-15	P2018-539027	2019
2	<a href="#">JPWO2017/134790A1</a>	エレベーター表示装置、および誤乗車を防止するた...	2016-02-04	P2017-565345	2018
3	<a href="#">JPWO2017/033350A1</a>	遠隔操作ロボットシステム及びその運転方法	2016-05-27	P2017-536163	2018
4	<a href="#">JPWO2016/103844A1</a>			P2016-565974	2017

### Preferences

Search Setting | Patent List | Collapse Settings

Patent Office :  Patent Offices with Full-Text Expand  Patent Offices with Bibliography & Abstract only Expand

Patent Type :  Utility Patent  Utility Model  Design  Plant  Others

Patent Status :  Publication  Issue

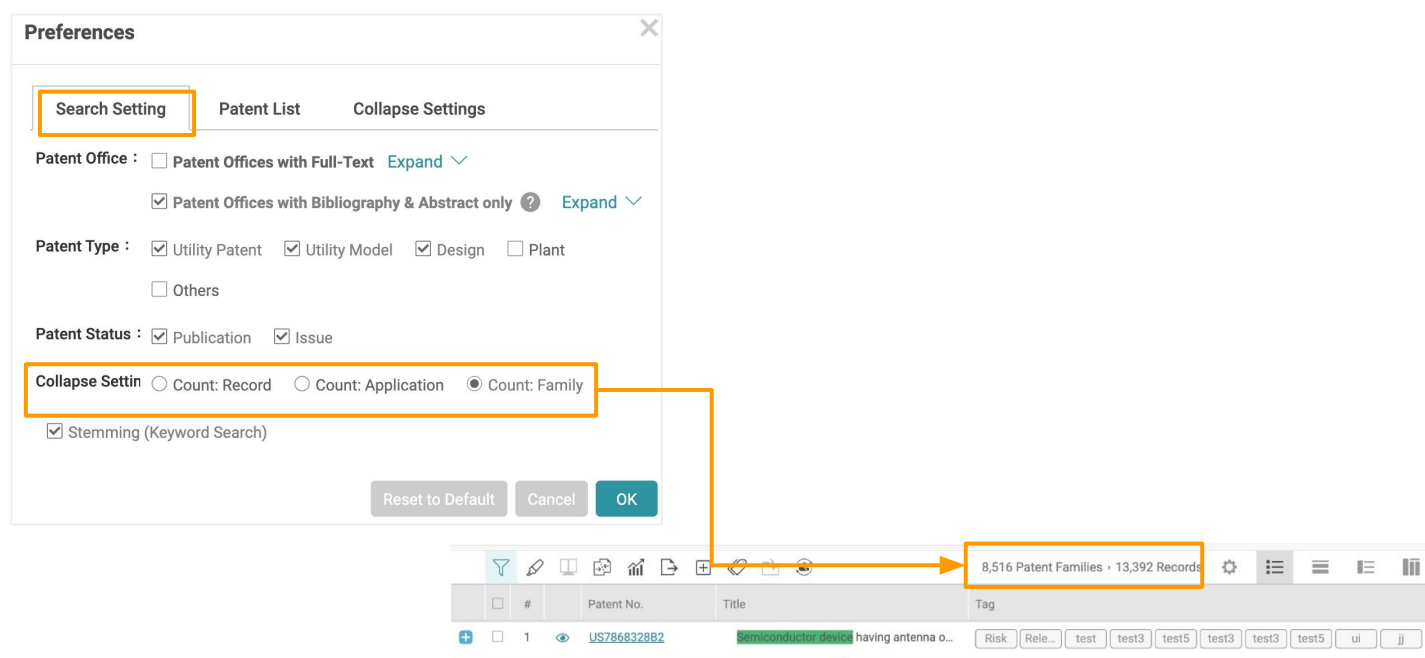
Collapse Setting  Count: Record  Count: Application  Count: Family

Stemming (Keyword Search)

Reset to Default Cancel OK

## 檢索設定

除了專利合併設定外，檢索設定在簡易檢索和進階檢索相同並且連動。專利合併設定允許你選擇預設的方法來按家族、申請獲專利數進行合併結果的數量。



### Preferences

Search Setting | Patent List | Collapse Settings

Patent Office :  Patent Offices with Full-Text Expand  Patent Offices with Bibliography & Abstract only Expand

Patent Type :  Utility Patent  Utility Model  Design  Plant  Others

Patent Status :  Publication  Issue

Collapse Setting  Count: Record  Count: Application  Count: Family

Stemming (Keyword Search)

Reset to Default Cancel OK

8,516 Patent Families · 13,392 Records

#	Patent No.	Title	Tag
1	<a href="#">US7868328B2</a>	Semiconductor device having antenna o...	Risk   Rele...   test   test3   test5   test3   test5   ui   jj

## 清單顯示設定

設置在一個頁面上顯示的專利數量，預設的瀏覽模式，在瀏覽模式下查看的資料欄位，以及專利號格式。

Search Setting Patent List Collapse Settings

Results Per Page (List / Summary view only) 30 60 100 200 300

Default View Mode: List

Rep. Figure/Fig. 1

Patent No.

Title

Legal Status	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abstract	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# of Claim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Independent Claim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Patent No. Format  Standardized Format  PTO Original Format  Both

設置每頁顯示的預設專利數。

設置預設的瀏覽模式。

勾選各瀏覽模式顯示的資料欄位。

## 專利合併設定

設置當專利列表按申請號或按家族合併時列表的排序(按最近的或最早的排列)。

Search Setting Patent List Collapse Settings

By Appl. No.

Preferred Date (Pub./Issue Date)  Most Recent  Earliest

By Family

Preferred Date (Pub./Issue Date)  Most Recent  Earliest

Reset to Default Cancel OK

Patent Vault and Patent Search 提供各種不同的瀏覽模式 – 列表模式、圖片總覽模式、圖片瀏覽模式和並排檢視模式–瀏覽您所需的專利訊息。

由左到右:列表模式、圖片總覽模式、圖片瀏覽模式和並排檢視模式。

## 1. 列表模式

以列表格式查看「專利公開/公告日」、「專利號」、「專利名稱」、「申請號」、「申請日」。

**分屏模式** 是列表和圖片總覽模式其中一功能。使用者不需要切換到另一視窗，即可在右邊屏幕讀取相關專利文件資料。

點選專利號打開專利頁面。

點選眼睛圖示在右邊打開專利頁面。

若欲瀏覽另一個專利號的分屏，點擊專利號右邊的眼睛圖標。

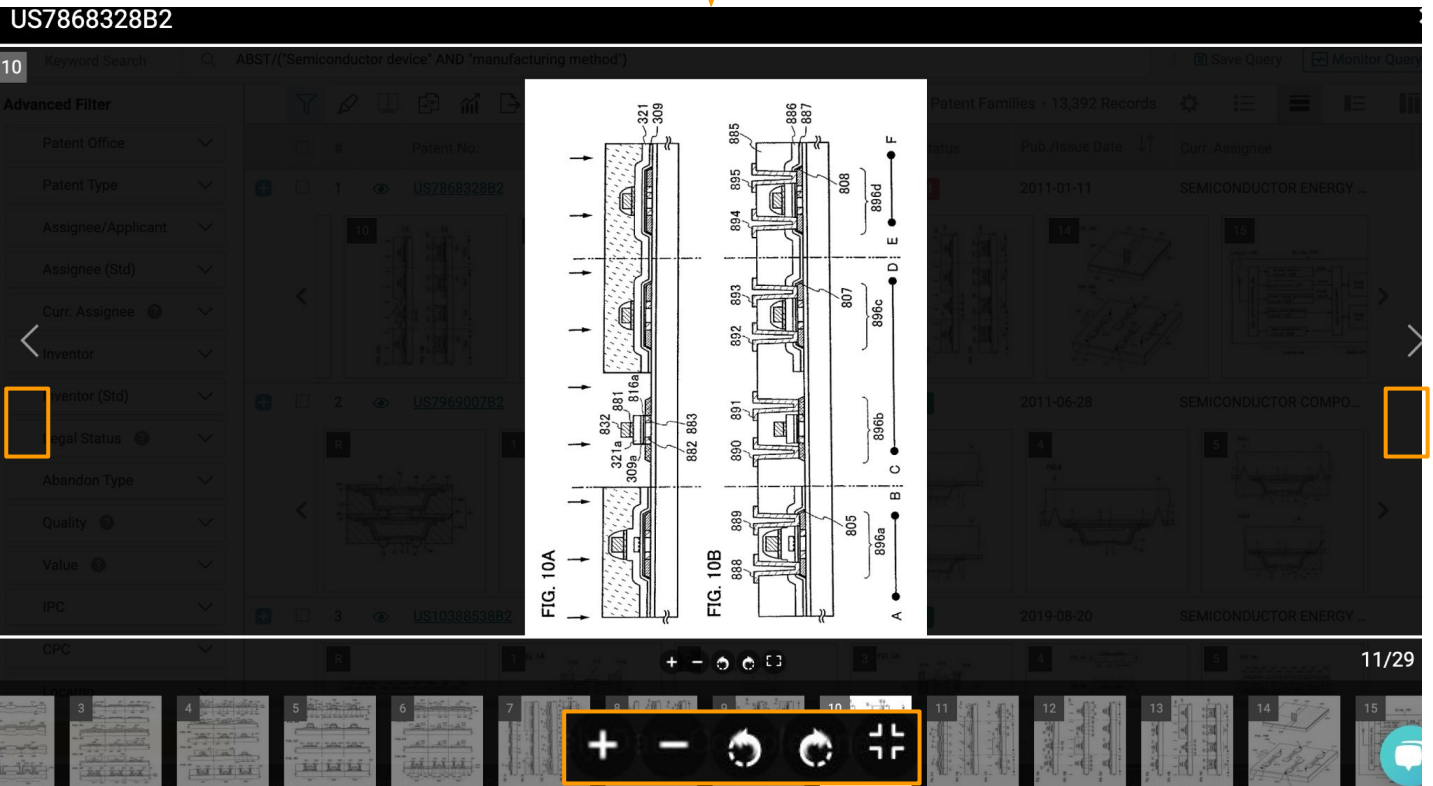
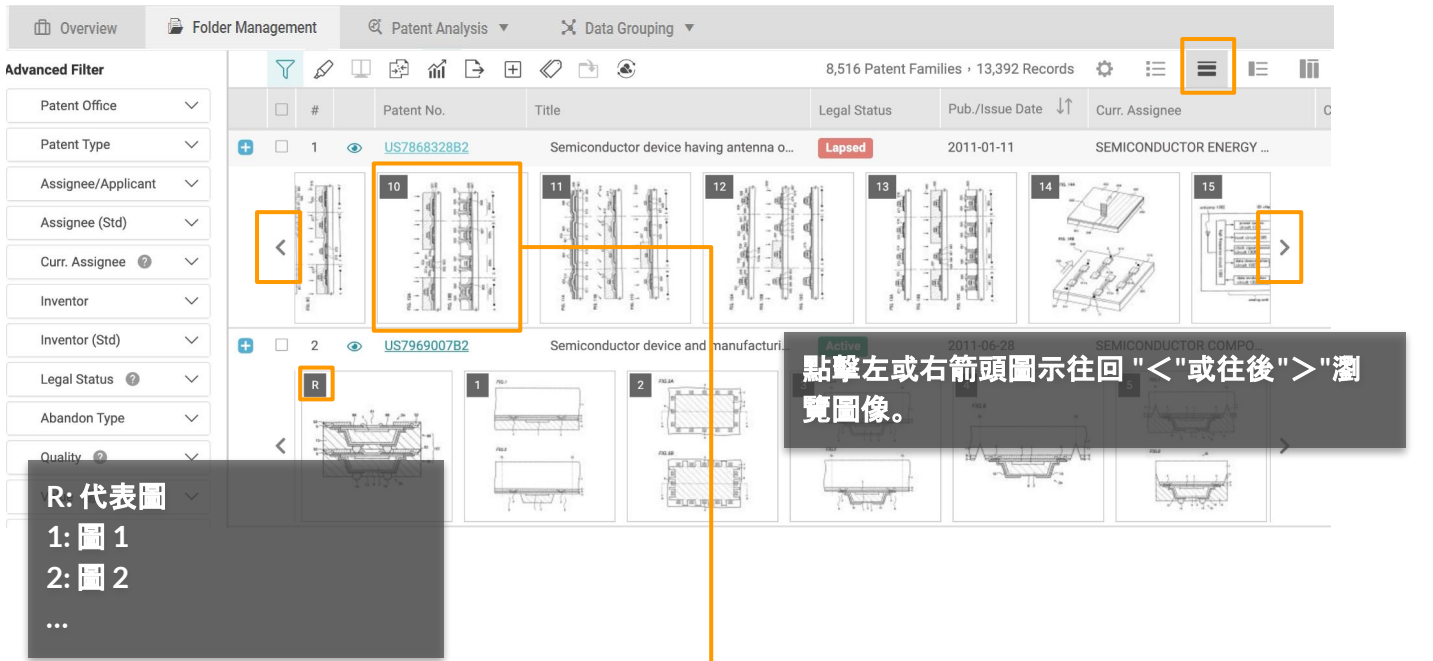
點擊箭頭收合專利頁面回到列表。

注意: 啟用分屏模式時如過濾器, 螢光筆等工具無法使用。

若要設定預設的檢視模式並選擇顯示哪些列, 請參閱 [資料夾管理-個人化設定](#)。

## 2. 專利圖片模式

讓您在專利圖像中更快地瀏覽所有檢索結果。點擊圖像可放大檢視。



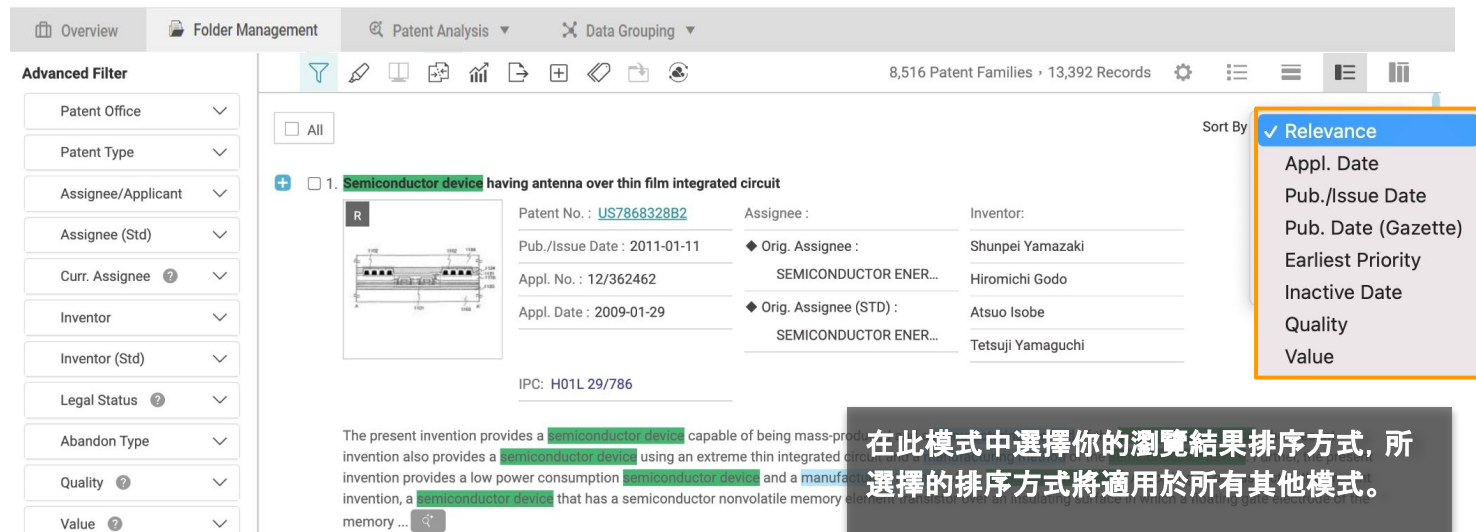
放大, 縮小, 旋轉和全圖顯示(隱藏/顯示下方圖像總覽)。

若要設定預設的檢視模式並選擇顯示哪些列, 請參閱 [資料夾管理-個人化設定](#)。



## 3. 圖片總覽模式

讓你能同時瀏覽圖片以及專利摘要。



Advanced Filter

- Patent Office
- Patent Type
- Assignee/Applicant
- Assignee (Std)
- Curr. Assignee
- Inventor
- Inventor (Std)
- Legal Status
- Abandon Type
- Quality
- Value

8,516 Patent Families · 13,392 Records

Sort By

- Relevance
- Appl. Date
- Pub./Issue Date
- Pub. Date (Gazette)
- Earliest Priority
- Inactive Date
- Quality
- Value

1. **Semiconductor device having antenna over thin film integrated circuit**

Patent No.: [US7868328B2](#) Assignee: Inventor:

Pub./Issue Date: 2011-01-11 ◆ Orig. Assignee: SEMICONDUCTOR ENER... Shunpei Yamazaki

Appl. No.: 12/362462 ◆ Orig. Assignee (STD): SEMICONDUCTOR ENER... Hiromichi Godo

Appl. Date: 2009-01-29 ◆ Orig. Assignee (STD): SEMICONDUCTOR ENER... Atsuo Isobe

Tetsuji Yamaguchi

IPC: H01L 29/786

The present invention provides a **semiconductor device** capable of being mass-produced. The invention also provides a **semiconductor device** using an extreme thin integrated circuit. The invention provides a low power consumption **semiconductor device** and a **manufacturing method** for the invention, a **semiconductor device** that has a semiconductor nonvolatile memory element.

在此模式中選擇你的瀏覽結果排序方式，所選擇的排序方式將適用於所有其他模式。

### 結果排序方式

預設情況下，檢索結果是按相關性排序的。若要更改，請點擊 排序方式 下拉選單，並選擇按申請日期、出版/發行日期、出版日期、最早優先權日、失效日或品質和價值對結果進行排序。

若要設定預設的檢視模式並選擇顯示哪些列，請參閱 [資料夾管理-個人化設定](#)。

## 4. 並排檢視模式



在檢視個別專利的內容時，你可以選擇要檢視的特定資料，包含專利的書目資料、摘要、請求項、說明書與圖式並排檢視，不需要上下滑動頁面來找尋你所需的內容。

你仍然可以點擊每個專利號，開啟新視窗或分頁查看單件專利。

US7868328B2 Lapsed Quality: C Value: A

Semiconductor device having antenna over thin film integrated circuit

Claim Specification

Abstract Bibliography Claim Specification

A semiconductor device comprising: a thin film integrated circuit over a substrate; a first interlayer insulating film [0002] over the thin film integrated circuit; an antenna over the first interlayer insulating film; and a cover member comprising a biodegradable resin over the antenna, wherein the thin film integrated circuit and the antenna are adhered to the substrate and the cover member with an adhesive agent.

Field of the invention

nonvolatile memory element, and more particularly a semiconductor device having a semiconductor nonvolatile memory element formed with thin films and a transistor. Further, the present invention relates to a semiconductor device such as an ID chip, a CPU, or a system LSI, having a semiconductor nonvolatile memory element.

由下拉選單選擇要比對的專利資料。

US7868328B2

Semiconductor device having antenna over thin film integrated circuit

FIG. 2A

FIG. 2B

FIG. 2C

FIG. 2D

你也可以將游標移到螢幕右側，在閱讀該專利文字資料的同時查看相關的圖式，點擊縮圖即可完整呈現專利圖式。

更換檢視清單上的專利只須點擊該專利(勿直接點擊專利號，此動作會開啟專利頁)。

若要設定預設的檢視模式並選擇顯示哪些列，請參閱 [資料夾管理-個人化設定](#)。

## 資料夾位置



在列表、專利圖片、圖片總覽模式下，您可以單擊位置標記以查看此專利保存在哪個文件夾中。

<input type="checkbox"/>	#	<input type="checkbox"/>	Patent No. ↓	Title	Appl. Date ↓↑	Appl. No. ↓↑	Pub./Iss
<input type="checkbox"/>	1	<input type="checkbox"/>	<a href="#">JPWO2018/051460A1</a>	エレベーターシステム	2016-09-15	P2018-539027	2019-02
<input type="checkbox"/>	2	<input type="checkbox"/>	<a href="#">JPWO2017/134790A1</a>	エレベーター表示装置、および誤乗車を防止するた...	2016-02-04	P2017-565345	2018-04
<input type="checkbox"/>	3	<input type="checkbox"/>	<a href="#">JPWO2017/033350A1</a>	遠隔操作ロボットシステム及びその運転方法	2016-05-27	P2017-536163	2018-06

### JPWO2018/051460A1 Folder Location

- 1. Untitled folder
- 2. 1701
- 3. LEC cc/us

## 選取

選取檢索結果,您只需要勾選專利號左邊方框, 系統會在上方顯示您所選取的專利數量。

13,392 records									
<input type="checkbox"/>	#	Patent No.	Title	Value	Quality	Simple Family	Appl. Date	Appl. No.	Pub./Issue Date
3 patent(s) selected.									
<input checked="" type="checkbox"/>	1	<a href="#">US20090194803A1</a>	SEMICONDUCTOR DEVICE AND METHO...	A	C	US(2)	2009-01-29	12/362462	2009-08-06
<input checked="" type="checkbox"/>	2	<a href="#">US20050263767A1</a>	Semiconductor device and method for ...	C	C	US(2)	2005-05-25	11/136705	2005-12-01
<input checked="" type="checkbox"/>	3	<a href="#">US7868328B2</a>	Semiconductor device having antenna o...	A	C	US(2)	2009-01-29	12/362462	2011-01-11
<input type="checkbox"/>	4	<a href="#">US7504663B2</a>	Semiconductor device with a floating ga...	C	C	US(2)	2005-05-25	11/136705	2009-03-17

## 選取此頁顯示檢索結果

在左上方全選框打勾, 系統會在上方顯示您所選取的專利數量。單頁顯示的專利數量基於你的[個人化設定-清單顯示設定](#)。

<input checked="" type="checkbox"/>	#	Patent No.	Title	Value	Quality	Simple Family	A
30 patent(s) selected. <a href="#">Select all 13,392 patents in this query.</a>							
<input checked="" type="checkbox"/>	1	<a href="#">US20090194803A1</a>	SEMICONDUCTOR DEVICE AND METHO...	A	C	US(2)	21
<input checked="" type="checkbox"/>	2	<a href="#">US20050263767A1</a>	Semiconductor device and method for ...	C	C	US(2)	21
<input checked="" type="checkbox"/>	3	<a href="#">US7868328B2</a>	Semiconductor device having antenna o...	A	C	US(2)	21
<input checked="" type="checkbox"/>	4	<a href="#">US7504663B2</a>	Semiconductor device with a floating ga...	C	C	US(2)	21

## 選取檢索的所有檢索結果

在左上方全選框打勾後, 選取檢索結果中全部(數量)篇專利會出現, 點擊此連結來選取檢索的所有檢索結果。

單頁顯示的專利數量基於你的[個人化設定-清單顯示設定](#)。

## 由不同結果頁個別選取檢索結果

勾選專利號左邊方框，然後，轉到下一頁，繼續選擇更多的專利。系統將自動顯示到目前為止所選擇的專利數量。

<input type="checkbox"/>	#	Patent No.	Title	Value	Quality
6 patent(s) selected.					
<input type="checkbox"/>	31	US10269753B2	Semiconductor device and manufacturi...	D	B
<input type="checkbox"/>	32	US20080150102A1	SEMICONDUCTOR DEVICE AND MANUF...	C	D
<input checked="" type="checkbox"/>	33	US7705443B2	Semiconductor device with lead frame i...	C	D
<input checked="" type="checkbox"/>	34	US20110039394A1	MANUFACTURING METHOD OF SEMIC...	D	C
<input checked="" type="checkbox"/>	35	US20090042387A1	Manufacturing method of semiconduct...	B	D
<input type="checkbox"/>	36	US7989317B2	Manufacturing method of semiconduct...	D	C
<input type="checkbox"/>	37	US7820526B2	Manufacturing method of semiconduct...	B	D
<input type="checkbox"/>	38	US20120161277A1	SEMICONDUCTOR DEVICES AND SEMIC...	D	D
<input type="checkbox"/>	39	US20100133647A1	Semiconductor devices and semicondu...	D	D
<input type="checkbox"/>	40	US8541841B2	Semiconductor devices and semicondu...	D	D
<input type="checkbox"/>	41	US20170294583A1	CARBON NANOTUBE SEMICONDUCTOR...	D	D

Prev 1 2 3 4 5 6 7 8 9 10 ... Next

<input checked="" type="checkbox"/>	#	Patent No.	Title	Value
60 patent(s) selected <a href="#">Select all 13,392 patents in this query</a>				
<input checked="" type="checkbox"/>	31	US10269753B2	Semiconductor device and manufacturi...	D
<input checked="" type="checkbox"/>	32	US20080150102A1	SEMICONDUCTOR DEVICE AND MANUF...	C
<input checked="" type="checkbox"/>	33	US7705443B2	Semiconductor device with lead frame i...	C
<input checked="" type="checkbox"/>	34	US20110039394A1	MANUFACTURING METHOD OF SEMIC...	D
<input checked="" type="checkbox"/>	35	US20090042387A1	Manufacturing method of semiconduct...	B
<input checked="" type="checkbox"/>	36	US7989317B2	Manufacturing method of semiconduct...	D
<input checked="" type="checkbox"/>	37	US7820526B2	Manufacturing method of semiconduct...	B
<input checked="" type="checkbox"/>	38	US20120161277A1	SEMICONDUCTOR DEVICES AND SEMIC...	D
<input checked="" type="checkbox"/>	39	US20100133647A1	Semiconductor devices and semicondu...	D
<input checked="" type="checkbox"/>	40	US8541841B2	Semiconductor devices and semicondu...	D
<input checked="" type="checkbox"/>	41	US20170294583A1	CARBON NANOTUBE SEMICONDUCTOR...	D

Prev 1 2 3 4 5 6 7

單頁顯示的專利數量基於你的[個人化設定-清單顯示設定](#)。

## 取消全選

若您想要取消勾選您所選擇的單頁全選或所有專利，請先點選「選取檢索結果中全部 ## 篇專利」。

60 patent(s) selected. [Select all 13,392 patents in this query](#)

<input checked="" type="checkbox"/>	31		<a href="#">US10269753B2</a>	Semiconductor device and manufacturi...	D
-------------------------------------	----	--	------------------------------	---	---

然後點擊 清除所有選取。

<input checked="" type="checkbox"/>	#	Patent No.	Title	Value	↓↑
-------------------------------------	---	------------	-------	-------	----

All 13,392 patents in this query are selected. [Clear All](#)

<input checked="" type="checkbox"/>	31		<a href="#">US10269753B2</a>	Semiconductor device and manufacturi...	D
-------------------------------------	----	--	------------------------------	---	---

取消全選動作可以在任何結果頁完成。

您可以使用上方的工具列表幫助您優化檢索結果和分析專利 內容。



<input type="checkbox"/>	#		Patent No. ↓		Title
<input type="checkbox"/>	1		<a href="#">JPWO2018/051460A1</a>		エレベーターシステム
<input type="checkbox"/>	2		<a href="#">JPWO2017/134790A1</a>		エレベーター表示装置、および誤乗車を防止するた...
<input type="checkbox"/>	3		<a href="#">JPWO2017/033350A1</a>		遠隔操作ロボットシステム及びその運転方法

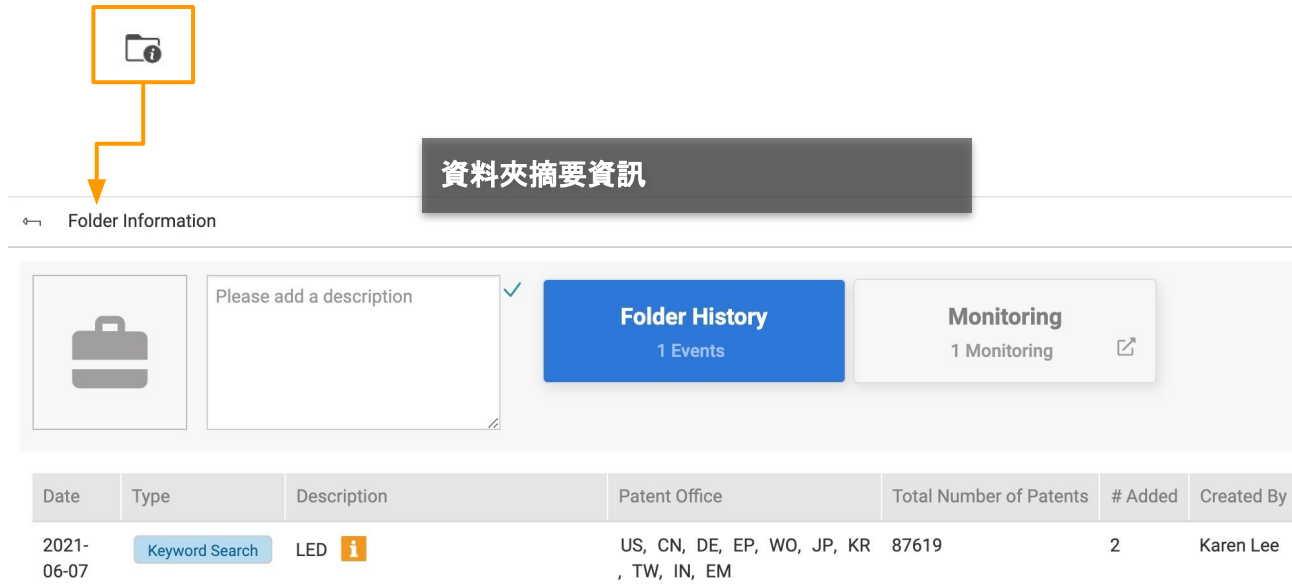



## 檢索結果工具由左到右：

- [資料夾資訊](#) – 資料夾註釋、資料夾歷史記錄和監控工具。
- [資料夾](#) – 顯示/隱藏左側的資料夾。
- [篩選](#) – 展開進階篩選列表。
- [已發佈 / 未發佈](#) – 顯示已發表或未發表的專利列表。
- [螢光筆功能](#) – 標記檢索結果內的關鍵字。
- [匯出](#) – 匯出專利清單或是PDF全文。
- [操作](#) – 複製到其他資料夾或進行比較。
- [新增專利](#) – 加入檢索結果的所有家族或引證成員。
- [二次檢索](#) – 在文件夾中搜索查詢。
- [合併](#) – 以家族號碼或申請號碼收合檢索結果。
- [比對](#) – 選取二項或多項的專利比對內容。
- [標籤](#) – 可以使用自訂的標籤標記專利，所有的自訂標籤都會被儲存在專案內的資料夾。
- [轉送至](#) – 將檢索結果直接轉至 *Quality Insights* 或是 *Due Diligence* 分析報告。
- 導出到 ClearStone FTO

## 資料夾資訊

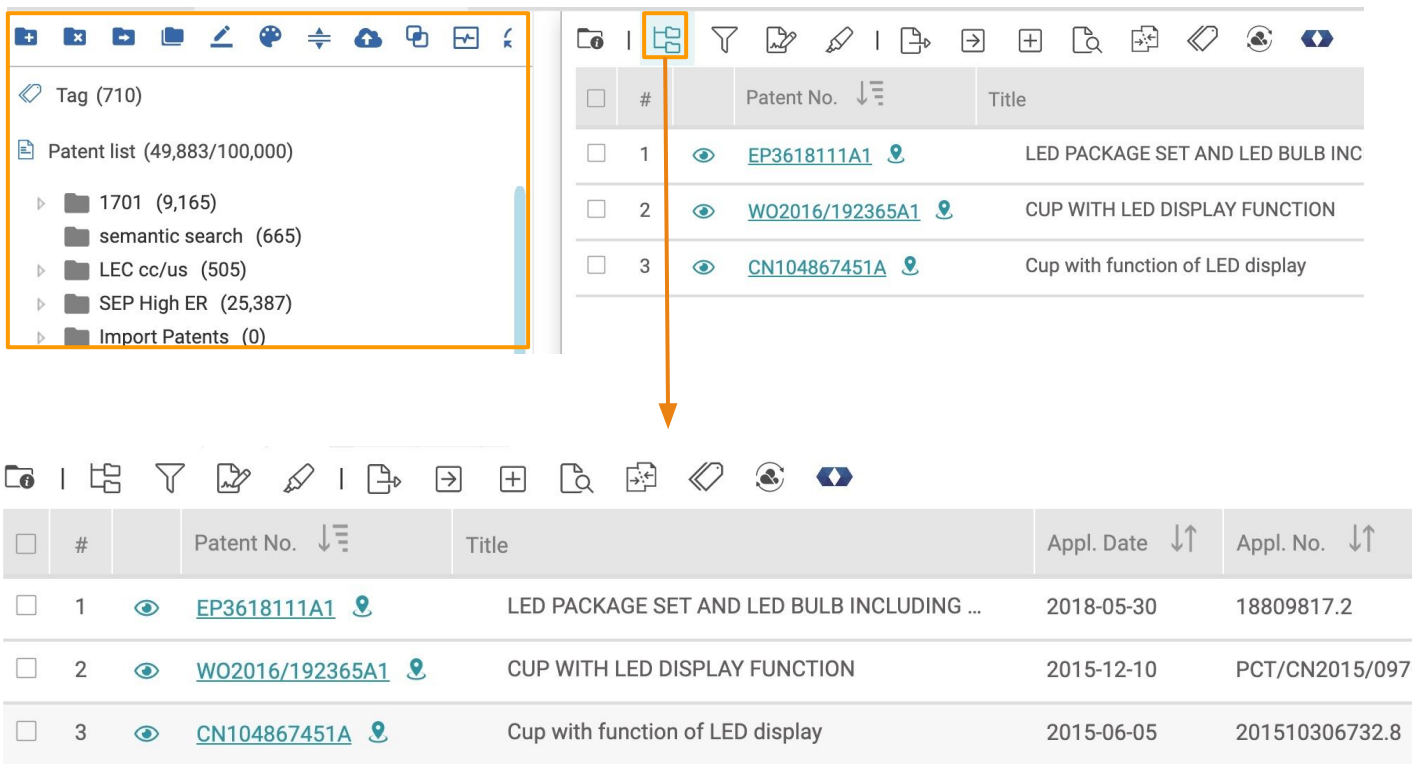
檢查此資料夾的描述、歷史記錄、監控工具和其他信息。



Date	Type	Description	Patent Office	Total Number of Patents	# Added	Created By
2021-06-07	<a href="#">Keyword Search</a>	LED 	US, CN, DE, EP, WO, JP, KR, TW, IN, EM	87619	2	Karen Lee

## 資料夾

顯示/隱藏左側的文件夾管理面板。



#	Patent No.	Title	Appl. Date	Appl. No.
1	<a href="#">EP3618111A1</a>	LED PACKAGE SET AND LED BULB INCLUDING ...	2018-05-30	18809817.2
2	<a href="#">WO2016/192365A1</a>	CUP WITH LED DISPLAY FUNCTION	2015-12-10	PCT/CN2015/097
3	<a href="#">CN104867451A</a>	Cup with function of LED display	2015-06-05	201510306732.8



## 篩選

通過使用進階篩選功能，您可以進一步過濾保存在文件夾或專利列表中的專利。您可以按專利代理人、專利類型、受讓人/申請人、受讓人(Std)、當前受讓人、發明人、法律地位、放棄類型(放棄的法律地位)、質量、價值、IPC, CPC, Locarno, USPC, FI, 代理, 主審查員和標籤篩選結果。

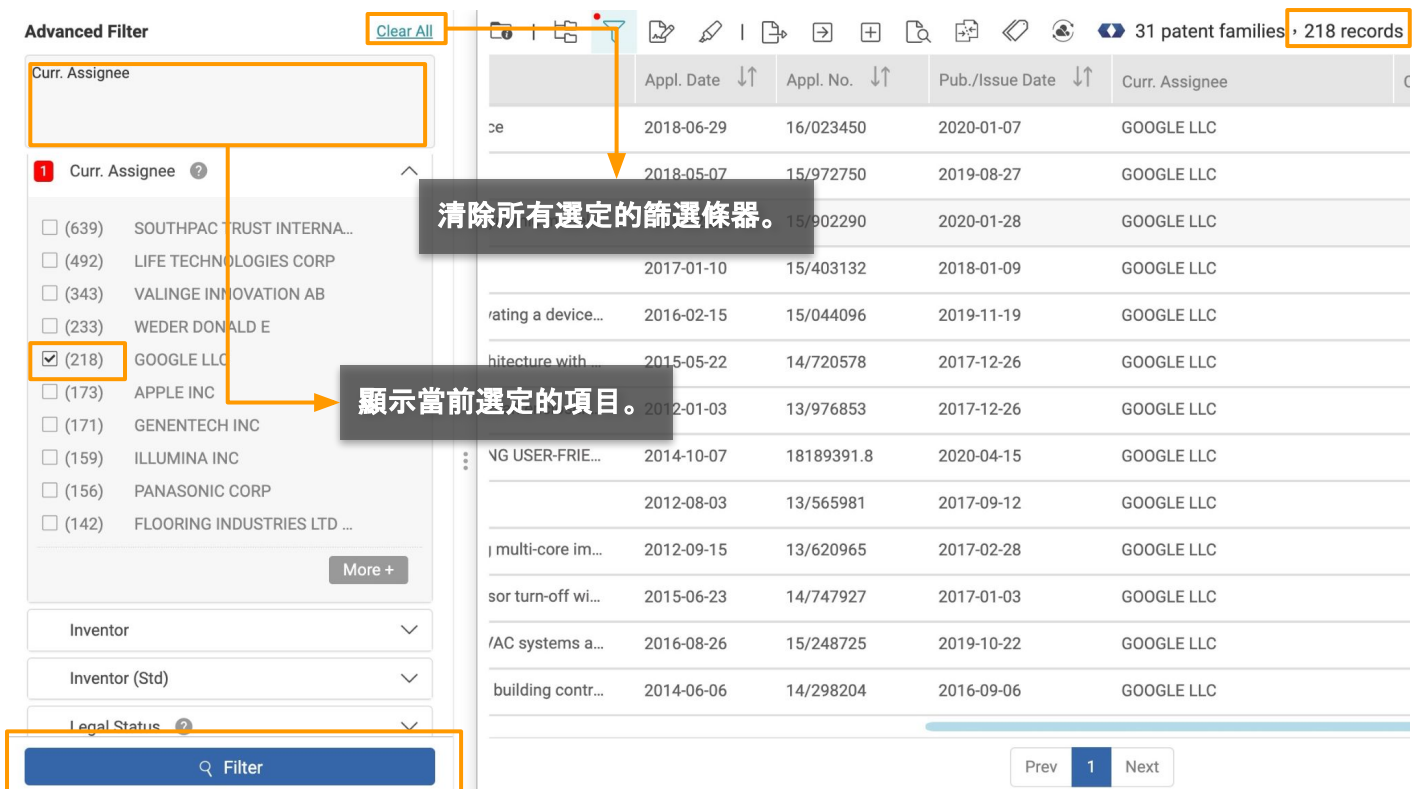


**點擊篩選圖標以顯示/隱藏高級篩選視窗。**

**點擊 "More+" 顯示以下 10 項。**

#	Patent No.	Title	Appl. Date	Appl. I
51	JPWO2020/065812A1	表示制御装置、昇降機システム監視装置、表示制御...	2018-09-27	P2020
52	JPWO2019/189768A1	通信方法、通信装置、送信機、およびプログラム	2019-03-29	P2020
53	JPWO2019/106778A1	エレベーター制御装置、エレベーター、およびエレ...	2017-11-30	P2019
54	JPWO2018/207243A1	車載認証システム、車両通信装置、認証管理装置、...	2017-05-09	P2019
55	JPWO2018/154755A1	エレベーターの故障監視装置及びエレベーターの群...	2017-02-27	P2019
56	JPWO2018/122913A1	エレベーター制御システム	2016-12-26	P2018
57	JPWO2018/110373A1	送信方法、送信装置、およびプログラム	2017-12-06	P2018
58	JPWO2018/088380A1	送信方法、送信装置、およびプログラム	2017-11-07	P2018
59	JPWO2018/051460A1	エレベーターシステム	2016-09-15	P2018
60	JPWO2017/134790A1	エレベーター表示装置、および誤乗車を防止するた...	2016-02-04	P2017
		表示方法および表示装置	2016-12-13	P2017

左側篩選視窗各項目顯示的數量基於搜索結果的初始總數，在應用篩選功能後不會自動更新。在選擇篩選項目並單擊篩選後，您將在右上角看到從篩選搜索結果中找到的記錄數。



**清除所有選定的篩選條器。**

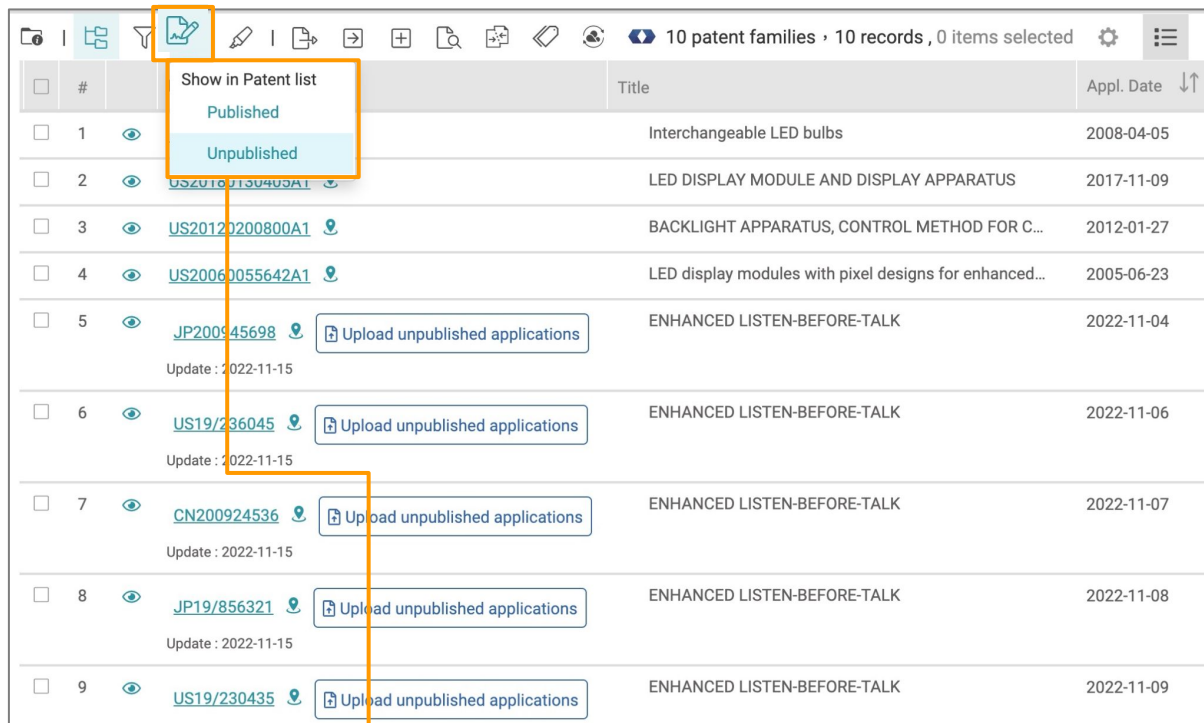
**顯示當前選定的項目。**

31 patent families · 218 records

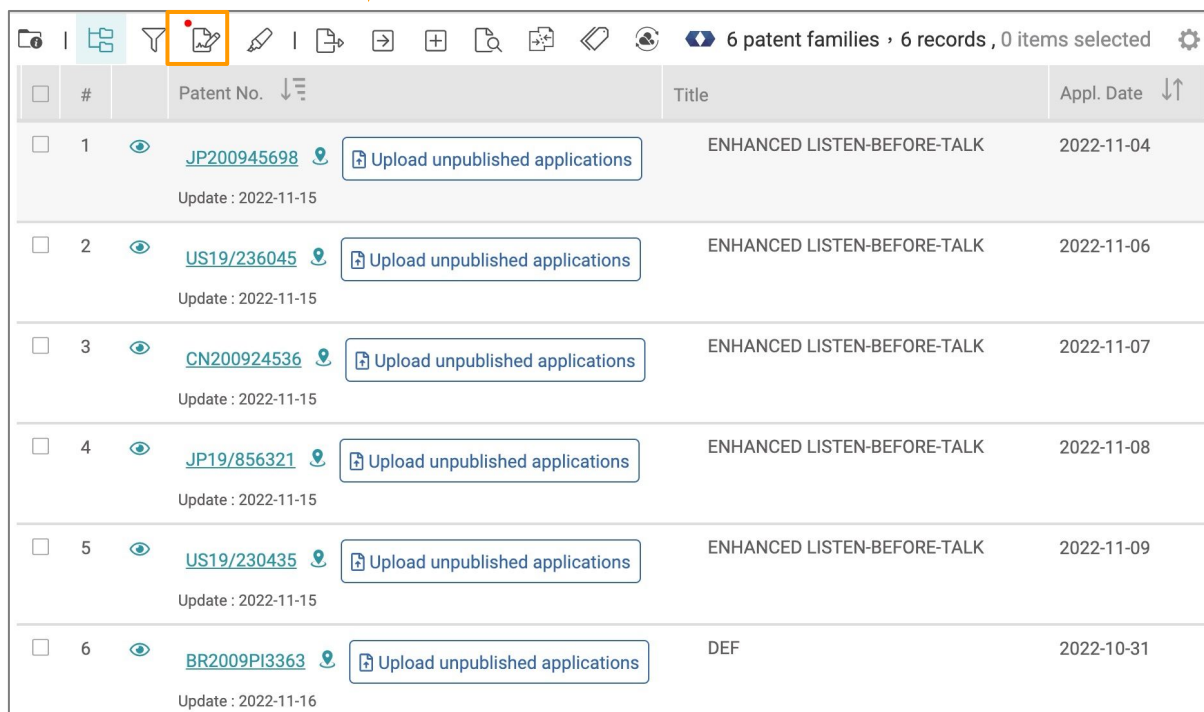
Appl. Date	Appl. No.	Pub./Issue Date	Curr. Assignee
2018-06-29	16/023450	2020-01-07	GOOGLE LLC
2018-05-07	15/972750	2019-08-27	GOOGLE LLC
2020-01-28	15/902290	2020-01-28	GOOGLE LLC
2017-01-10	15/403132	2018-01-09	GOOGLE LLC
2016-02-15	15/044096	2019-11-19	GOOGLE LLC
2015-05-22	14/720578	2017-12-26	GOOGLE LLC
2012-01-03	13/976853	2017-12-26	GOOGLE LLC
2014-10-07	18189391.8	2020-04-15	GOOGLE LLC
2012-08-03	13/565981	2017-09-12	GOOGLE LLC
2012-09-15	13/620965	2017-02-28	GOOGLE LLC
2015-06-23	14/747927	2017-01-03	GOOGLE LLC
2016-08-26	15/248725	2019-10-22	GOOGLE LLC
2014-06-06	14/298204	2016-09-06	GOOGLE LLC

## 已發佈 / 未發佈

選擇此選項可在資料夾中僅顯示已發佈的專利或未發佈的申請中專利。

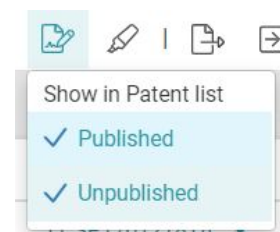


#	Patent No.	Title	Appl. Date
1		Interchangeable LED bulbs	2008-04-05
2	US201601130405A1	LED DISPLAY MODULE AND DISPLAY APPARATUS	2017-11-09
3	US20120200800A1	BACKLIGHT APPARATUS, CONTROL METHOD FOR C...	2012-01-27
4	US20060055642A1	LED display modules with pixel designs for enhanced...	2005-06-23
5	JP200945698	ENHANCED LISTEN-BEFORE-TALK	2022-11-04
6	US19/236045	ENHANCED LISTEN-BEFORE-TALK	2022-11-06
7	CN200924536	ENHANCED LISTEN-BEFORE-TALK	2022-11-07
8	JP19/856321	ENHANCED LISTEN-BEFORE-TALK	2022-11-08
9	US19/230435	ENHANCED LISTEN-BEFORE-TALK	2022-11-09



#	Patent No.	Title	Appl. Date
1	JP200945698	ENHANCED LISTEN-BEFORE-TALK	2022-11-04
2	US19/236045	ENHANCED LISTEN-BEFORE-TALK	2022-11-06
3	CN200924536	ENHANCED LISTEN-BEFORE-TALK	2022-11-07
4	JP19/856321	ENHANCED LISTEN-BEFORE-TALK	2022-11-08
5	US19/230435	ENHANCED LISTEN-BEFORE-TALK	2022-11-09
6	BR2009PI3363	DEF	2022-10-31

若要同時顯示已發佈的專利和未發佈的申請中專利，請選擇兩者。

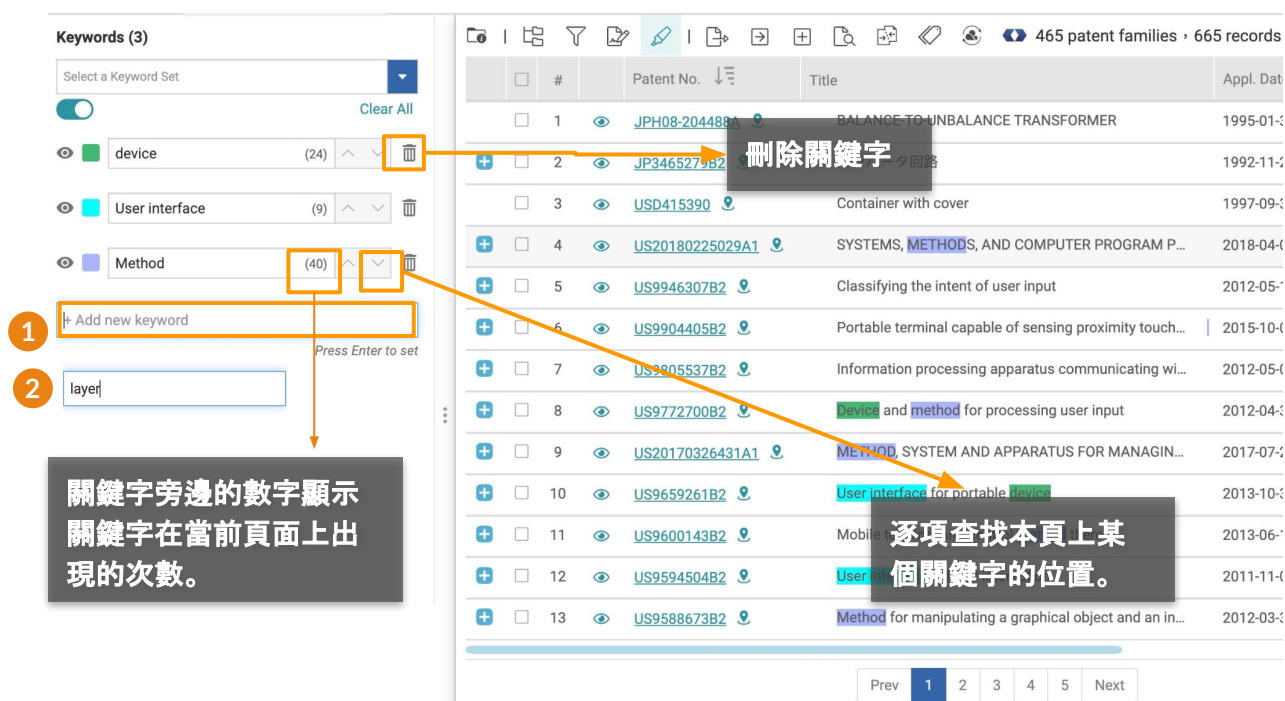


## 螢光筆功能

在專利列表中突出顯示關鍵字，並將您經常強調的關鍵字保存到關鍵字集以供以後使用。

### 新增更多關鍵字：

1. 在工具列點選**螢光筆**的圖示開啟此功能，關鍵字列表即會顯示在左側，點選 **+新增關鍵字**
2. 在关键字的欄位內打入您想要標記的關鍵字並且按下 **Enter**新的關鍵字則會以新的顏色在結果頁上被標記起來



The screenshot shows the 'Keywords (3)' panel on the left and a list of patent records on the right. The 'Keywords (3)' panel includes a search bar, a 'Clear All' button, and three keyword sets: 'device' (24), 'User interface' (9), and 'Method' (40). A text input field below the 'Method' set contains 'layer' and is highlighted with a red box and the number '2'. A red box with the number '1' highlights the '+ Add new keyword' button. A red box with the number '1' also highlights the delete icon next to the 'device' keyword. A red box with the number '2' highlights the delete icon next to the 'Method' keyword. The patent records on the right show the results of the search, with keywords highlighted in green, blue, and red. A red box with the number '1' highlights the delete icon next to the 'device' keyword in the list. A red box with the number '2' highlights the 'layer' keyword in the list. A red box with the number '1' highlights the 'layer' keyword in the list. A red box with the number '2' highlights the 'layer' keyword in the list.

1. 關鍵字旁邊的數字顯示關鍵字在當前頁面上出現的次數。

2. 逐項查找本頁上某個關鍵字的位置。

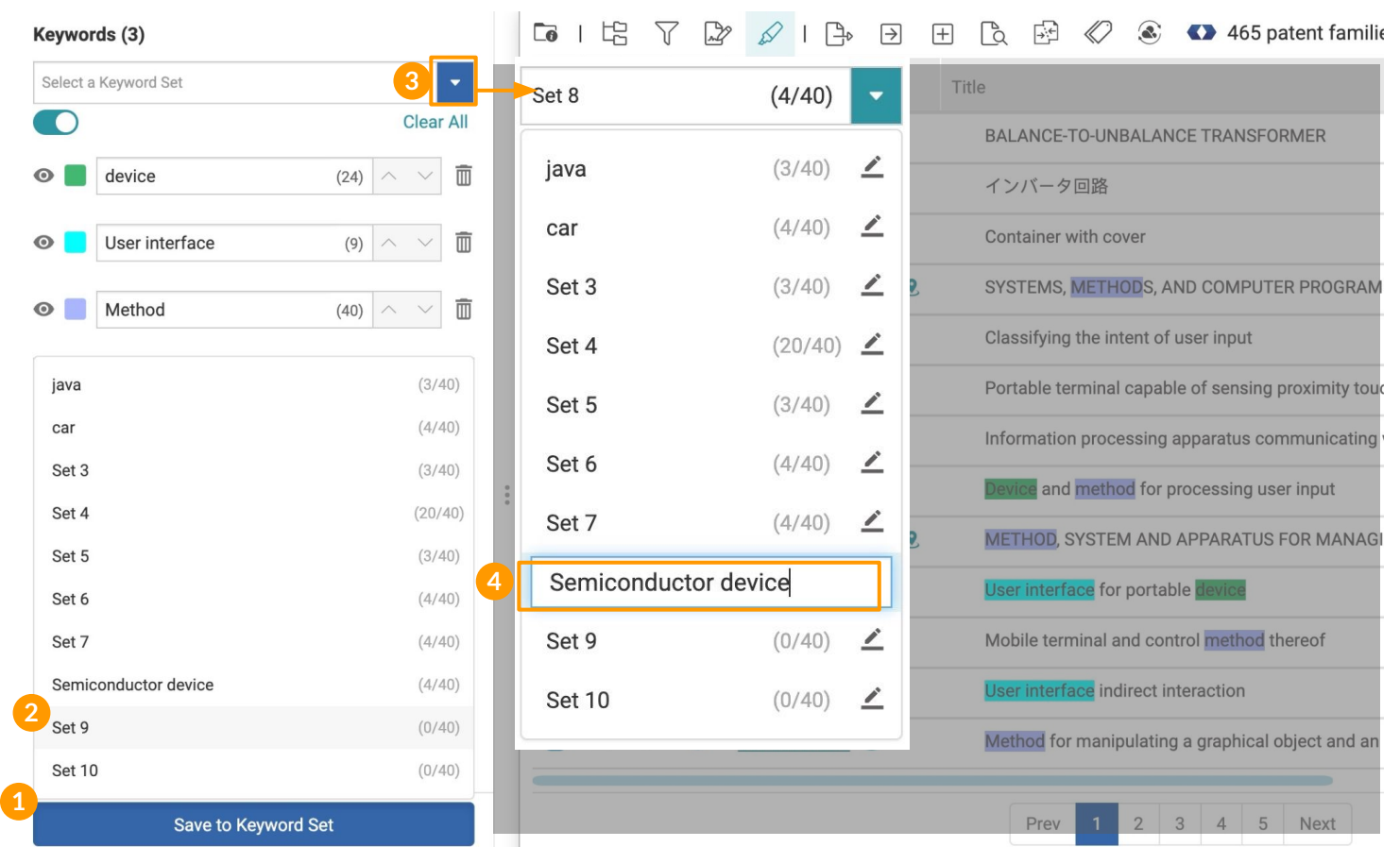
刪除關鍵字

#	Patent No.	Title	Appl. Dat
1	JPH08-204488A	BALANCE TO UNBALANCE TRANSFORMER	1995-01-01
2	JP3465273B2	夕回路	1992-11-01
3	USD415390	Container with cover	1997-09-01
4	US20180225029A1	SYSTEMS, METHODS, AND COMPUTER PROGRAM P...	2018-04-01
5	US9946307B2	Classifying the intent of user input	2012-05-01
6	US9904405B2	Portable terminal capable of sensing proximity touch...	2015-10-01
7	US9805537B2	Information processing apparatus communicating wi...	2012-05-01
8	US9772700B2	Device and method for processing user input	2012-04-01
9	US20170326431A1	METHOD, SYSTEM AND APPARATUS FOR MANAGIN...	2017-07-01
10	US9659261B2	User interface for portable device	2013-10-01
11	US9600143B2	Mobile device	2013-06-01
12	US9594504B2	User interface for portable device	2011-11-01
13	US9588673B2	Method for manipulating a graphical object and an in...	2012-03-01

## 螢光筆功能

### 使用“儲存到關鍵字組合”功能來儲存您經常標註的關鍵字

1. 點擊「儲存到關鍵字組合」按鈕來儲存關鍵詞。您最多可以儲存10個關鍵字詞，每個可以儲存最多40個關鍵字。
2. 選擇一個空的集合來儲存這些關鍵字，它們以Set 1至Set 10為預設，可以選擇編輯重新命名。



The screenshot displays the 'Keywords (3)' management interface. On the left, there are three keyword sets: 'device' (24 items), 'User interface' (9 items), and 'Method' (40 items). Below these is a list of 10 keyword sets (Set 1 to Set 10) with their respective item counts. A blue button labeled 'Save to Keyword Set' is at the bottom left, marked with a '1'. The 'Semiconductor device' keyword is highlighted in the list, marked with a '2'. A dropdown menu for 'Set 8' is open, showing a list of keyword sets and their counts, with 'Semiconductor device' selected in the input field, marked with a '4'. A '3' is placed over the dropdown arrow. The background shows a patent document with highlighted terms like 'device', 'method', and 'user interface'.

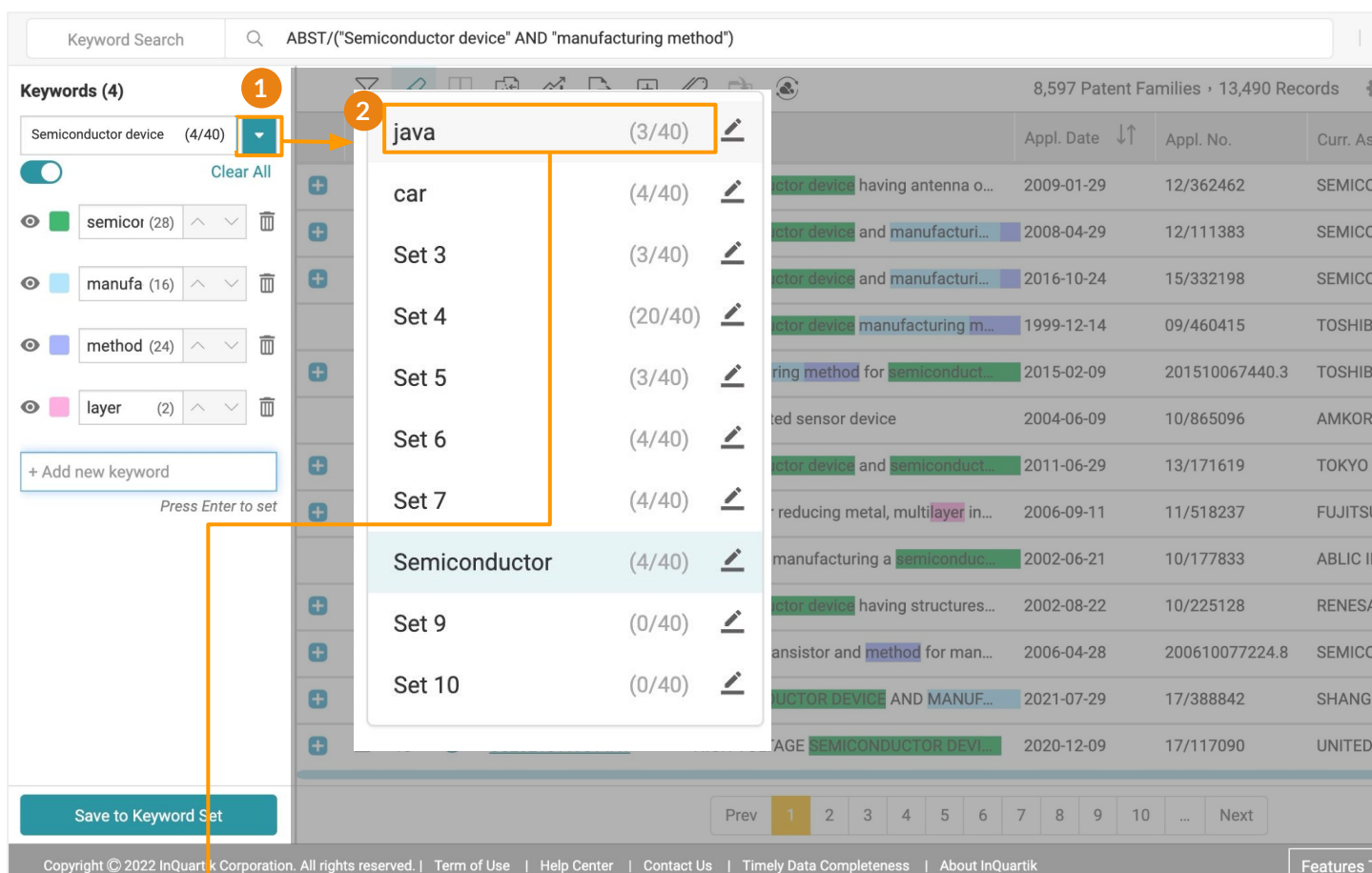
### 重新命名關鍵字組合:

3. 要重新命名一個關鍵字組合，請點擊下拉列表中的「選擇關鍵字組合」。
4. 點擊編輯圖標，重新命名，然後按下 Enter 鍵即可。

## 螢光筆功能

### 選擇另一個關鍵字組合:

1. 點擊工具欄頂部的下拉列表。
2. 選擇您想要的已儲存設定。



Keyword Search: ABST/("Semiconductor device" AND "manufacturing method")

Keywords (4)

- Semiconductor device (4/40)
- semicor (28)
- manufa (16)
- method (24)
- layer (2)

+ Add new keyword  
Press Enter to set

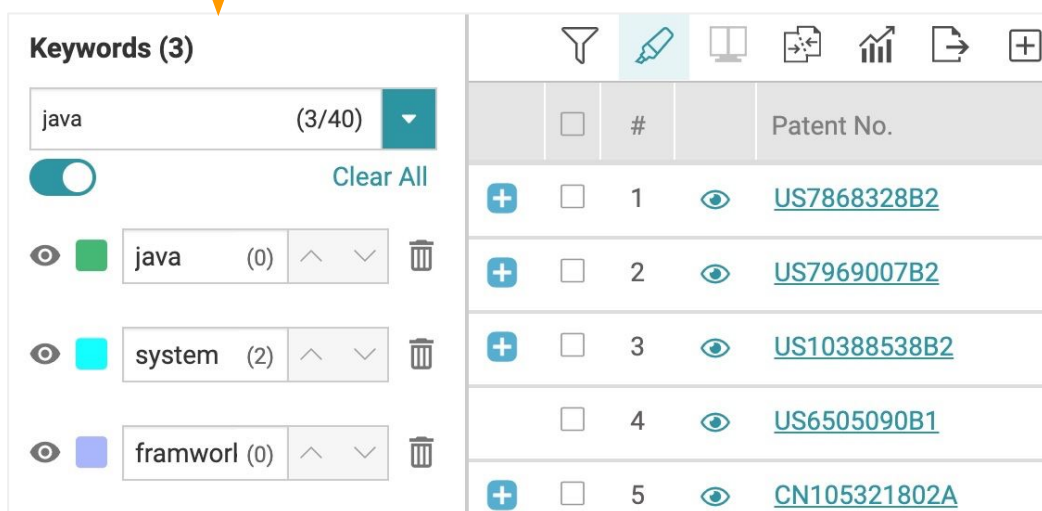
Save to Keyword Set

8,597 Patent Families · 13,490 Records

Appl. Date	Appl. No.	Curr. As
2009-01-29	12/362462	SEMICO
2008-04-29	12/111383	SEMICO
2016-10-24	15/332198	SEMICO
1999-12-14	09/460415	TOSHIB
2015-02-09	201510067440.3	TOSHIB
2004-06-09	10/865096	AMKOR
2011-06-29	13/171619	TOKYO I
2006-09-11	11/518237	FUJITSU
2002-06-21	10/177833	ABLIC IN
2002-08-22	10/225128	RENESE
2006-04-28	200610077224.8	SEMICO
2021-07-29	17/388842	SHANGH
2020-12-09	17/117090	UNITED

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Features T



Keywords (3)

- java (3/40)
- java (0)
- system (2)
- framworl (0)

Clear All

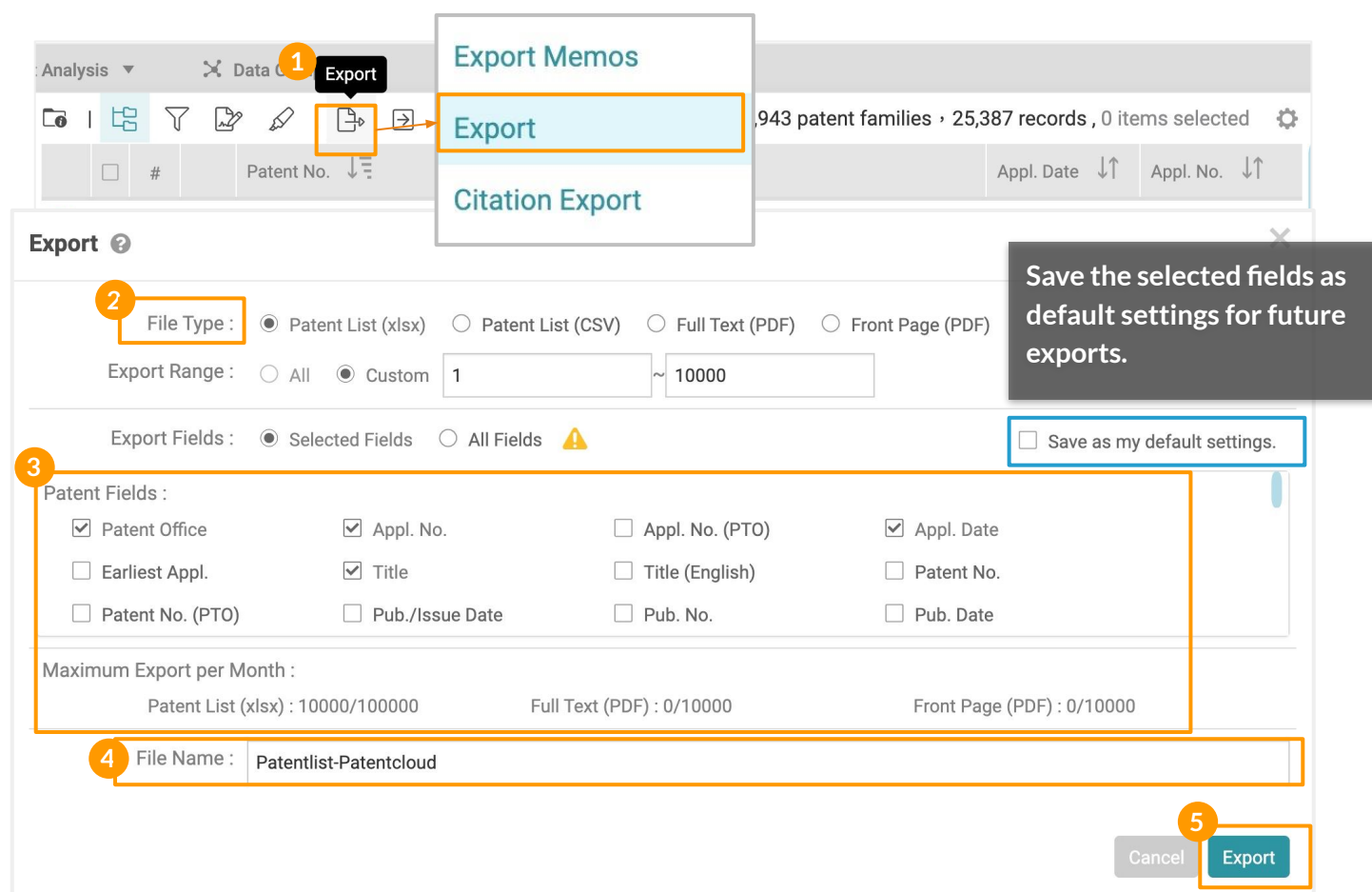
#	Patent No.
1	<a href="#">US7868328B2</a>
2	<a href="#">US7969007B2</a>
3	<a href="#">US10388538B2</a>
4	<a href="#">US6505090B1</a>
5	<a href="#">CN105321802A</a>

## 匯出

您可以將您的專利清單，或帶有備註/引用的清單以多種文件格式匯出，包括專利清單(.xlsx 或 .csv)，完整文本專利文件(.zip)和專利文件的封面頁(.pdf)。

### 要匯出專利，您可以按照以下步驟進行操作：


1. 選擇您想要匯出的專利，或點擊匯出圖標以選擇所有結果，之後會出現彈出式視窗。
2. 選擇您想要的文件格式。
3. 選擇要匯出的項目和段落(請注意您的匯出數量限制\*)再為文件命名。
4. 點擊「匯出」即可開始下載文件。



**Export**

File Type :  Patent List (xlsx)  Patent List (CSV)  Full Text (PDF)  Front Page (PDF)

Export Range :  All  Custom 1 ~ 10000

Export Fields :  Selected Fields  All Fields 

Patent Fields :

<input checked="" type="checkbox"/> Patent Office	<input checked="" type="checkbox"/> Appl. No.	<input type="checkbox"/> Appl. No. (PTO)	<input checked="" type="checkbox"/> Appl. Date
<input type="checkbox"/> Earliest Appl.	<input checked="" type="checkbox"/> Title	<input type="checkbox"/> Title (English)	<input type="checkbox"/> Patent No.
<input type="checkbox"/> Patent No. (PTO)	<input type="checkbox"/> Pub./Issue Date	<input type="checkbox"/> Pub. No.	<input type="checkbox"/> Pub. Date

Maximum Export per Month :

Patent List (xlsx) : 10000/100000      Full Text (PDF) : 0/10000      Front Page (PDF) : 0/10000

File Name : Patentlist-Patentcloud

Cancel      **Export**

Save the selected fields as default settings for future exports.





Save as my default settings.

### \* 匯出的數量限制

你的 Patent Vault 每月的匯出配額會根據您的計劃而不同(依據存儲限制)。

### 匯出選項: 僅代表性專利

如果您的搜索結果按申請號或家族折疊在一起，則還將有一個額外的選項可供您選擇——匯出選項: 僅代表性專利。

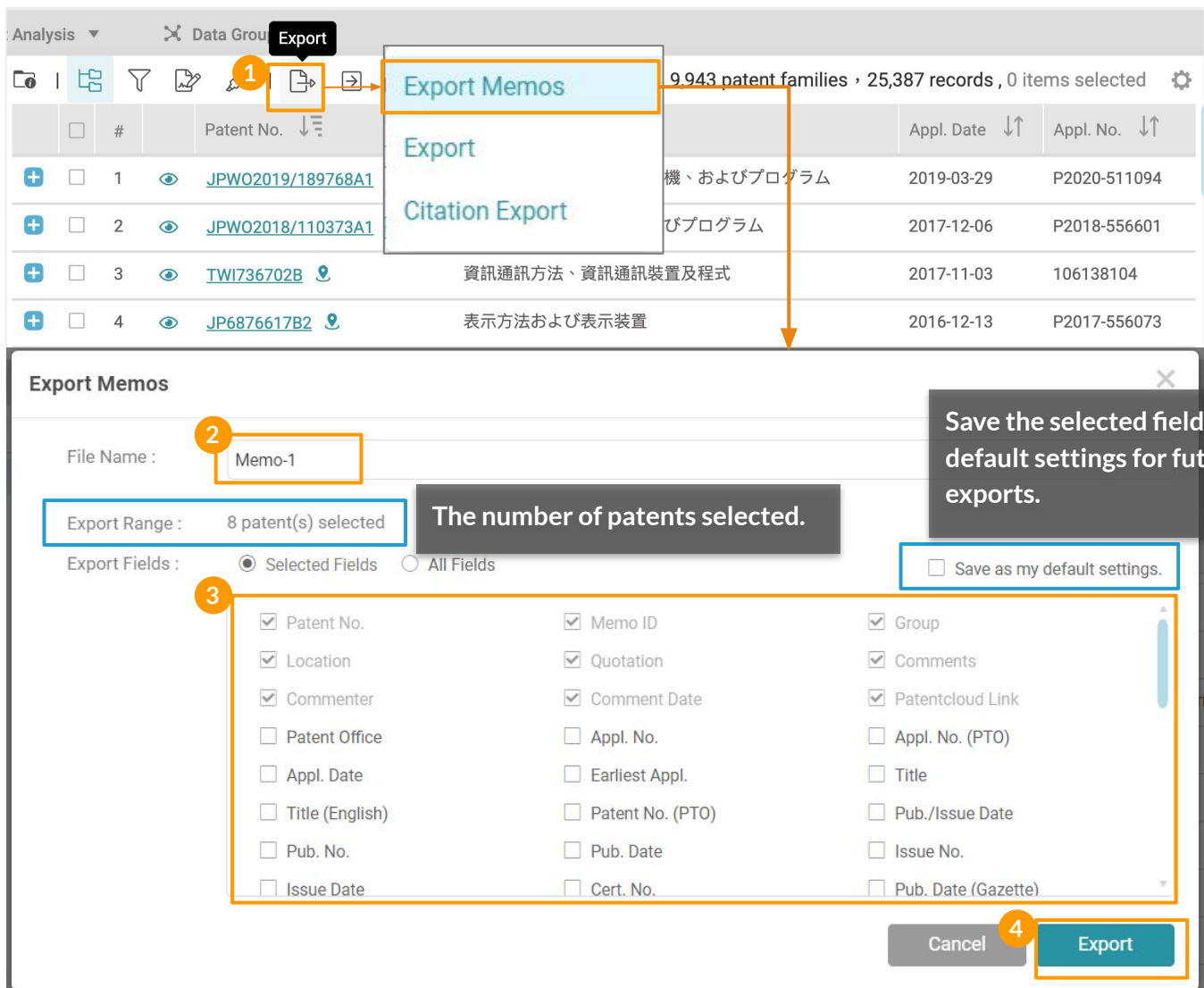
	<input type="checkbox"/>	1		<a href="#">US7868328B2</a>	having antenna...	2009-01-29	12/362462
<b>A representative patent</b>							
	<input type="checkbox"/>	2		<a href="#">US7969007B2</a>	and manufactur...	2008-04-29	12/111383

## 匯出

您的筆記可以以 Excel 格式 (.xlsx) 匯出為專利清單

### 如何匯出筆記:

1. 選擇您想要匯出的專利，然後會出現彈出式視窗。
2. 為文件命名。
3. 選擇您想要匯出的字段。
4. 點擊「匯出」以開始下載文件。



The screenshot shows the 'Export Memos' dialog box. The 'File Name' field contains 'Memo-1'. The 'Export Range' is '8 patent(s) selected'. The 'Export Fields' section has 'Selected Fields' selected. The 'Export' button is highlighted.

**Export Memos**

File Name : Memo-1

Export Range : 8 patent(s) selected

Export Fields :  Selected Fields  All Fields

Save as my default settings.

Cancel **Export**

**The number of patents selected.**

**Save the selected fields as default settings for future exports.**

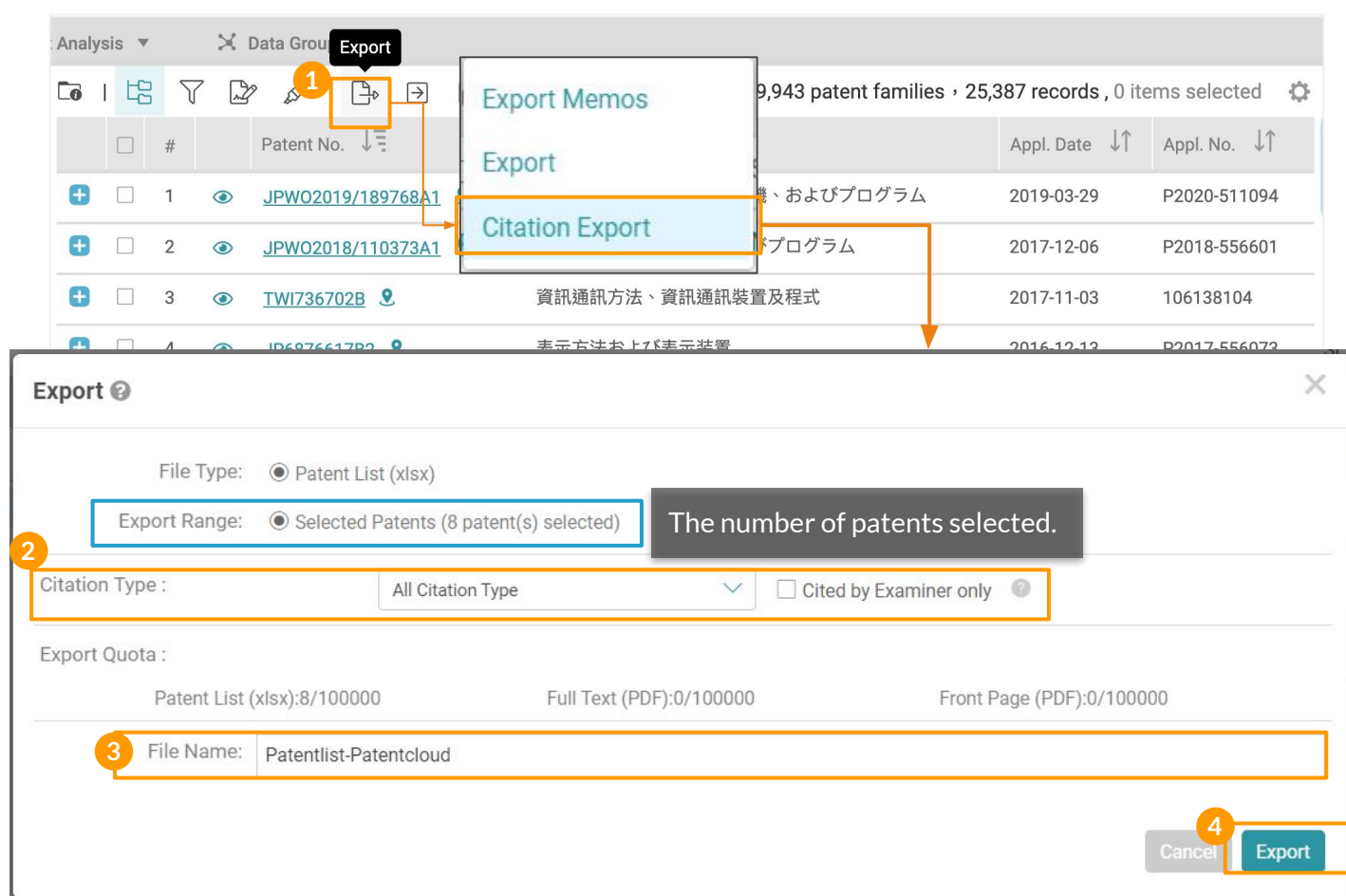
Patent No.	Appl. Date	Appl. No.
JPWQ2019/189768A1	2019-03-29	P2020-511094
JPWQ2018/110373A1	2017-12-06	P2018-556601
TWI736702B	2017-11-03	106138104
JP6876617B2	2016-12-13	P2017-556073

## 匯出

您還可以匯出您文件夾中專利的專利引用

### 如何匯出引證：

1. 選擇您想要匯出的專利，將出現一個彈出式窗口。
2. 選擇您想要的引證類型。您可以選擇“所有引證類型”、“所有引證”或“所有被引證”。您還可以選擇是否僅匯出審查員所做的引證。
3. 為文件命名
4. 點擊「匯出」開始下載文件



The screenshot illustrates the export process in the Patent Vault interface. The top part shows a patent list with an 'Export' button highlighted. A dropdown menu is open, showing 'Export Memos', 'Export', and 'Citation Export' (highlighted). The bottom part shows the 'Export' dialog box with fields for File Type, Export Range, Citation Type, Export Quota, and File Name, and an 'Export' button.

#	Patent No.	Appl. Date	Appl. No.
1	JPWO2019/189768A1	2019-03-29	P2020-511094
2	JPWO2018/110373A1	2017-12-06	P2018-556601
3	TWI736702B	2017-11-03	106138104
4	JP6876617B2	2016-12-13	P2017-556072

**Export** dialog box details:

- File Type:  Patent List (xlsx)
- Export Range:  Selected Patents (8 patent(s) selected)
- Citation Type: All Citation Type
- Export Quota: Patent List (xlsx): 8/100000, Full Text (PDF): 0/100000, Front Page (PDF): 0/100000
- File Name: Patentlist-Patentcloud
- Buttons: Cancel, Export

請注意您的匯出數量限制，你的 *Patent Vault* 每月的匯出配額會根據您的計劃而不同（依據存儲限制）。



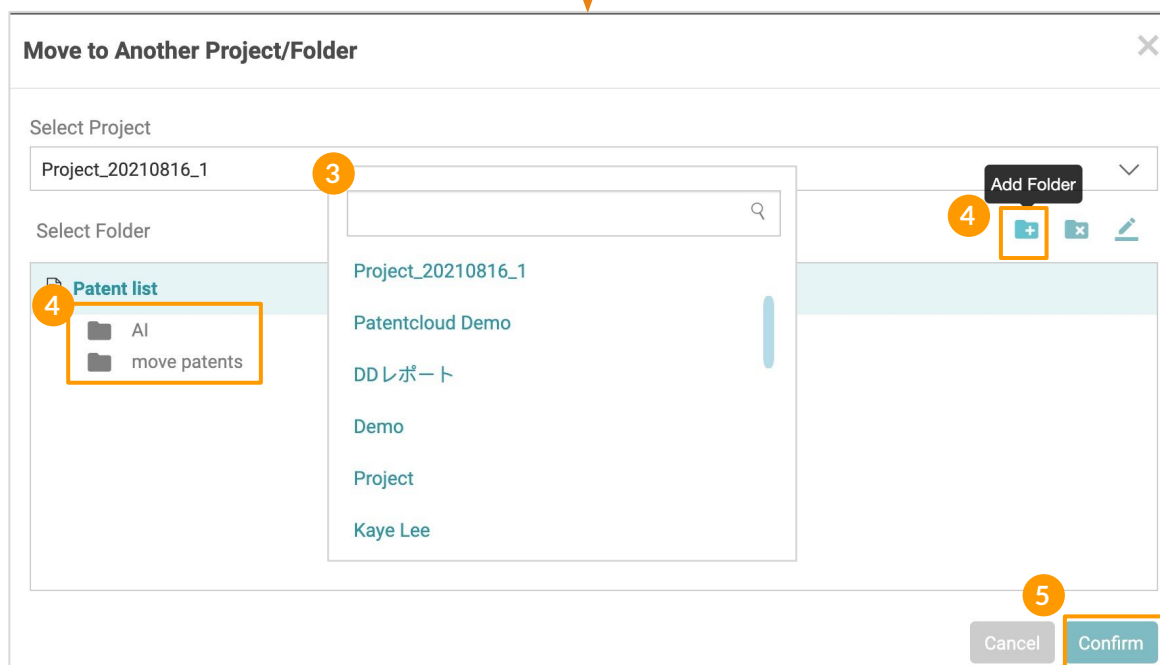
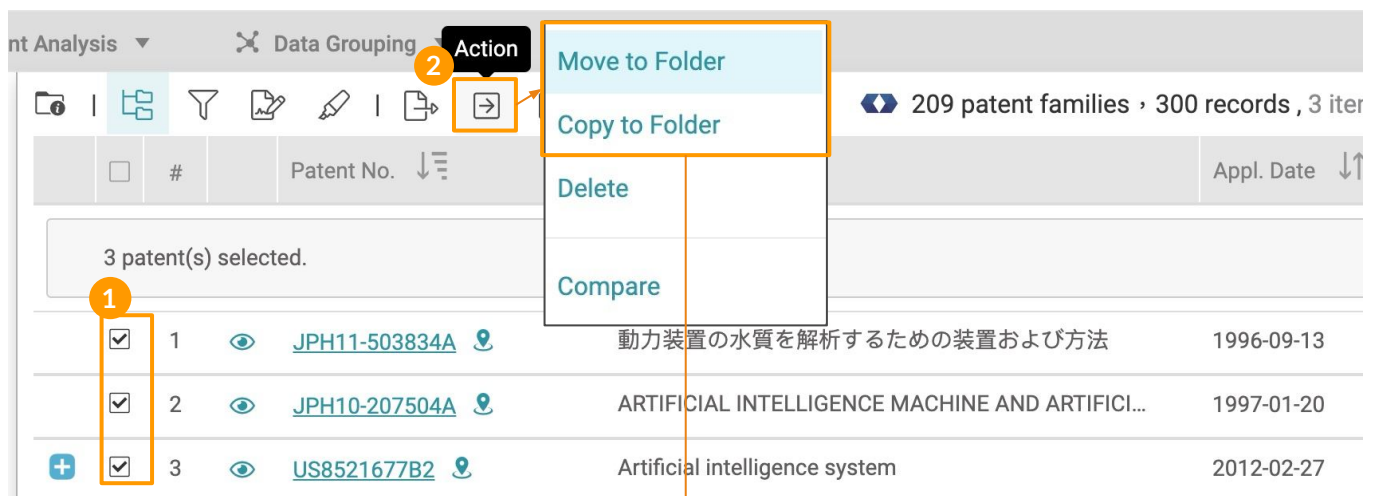
## 操作

有兩種類型的操作：

1. 移動、複製或刪除專利
2. 比較專利

## 要移動、複製或刪除專利，您可以按照以下步驟進行操作：

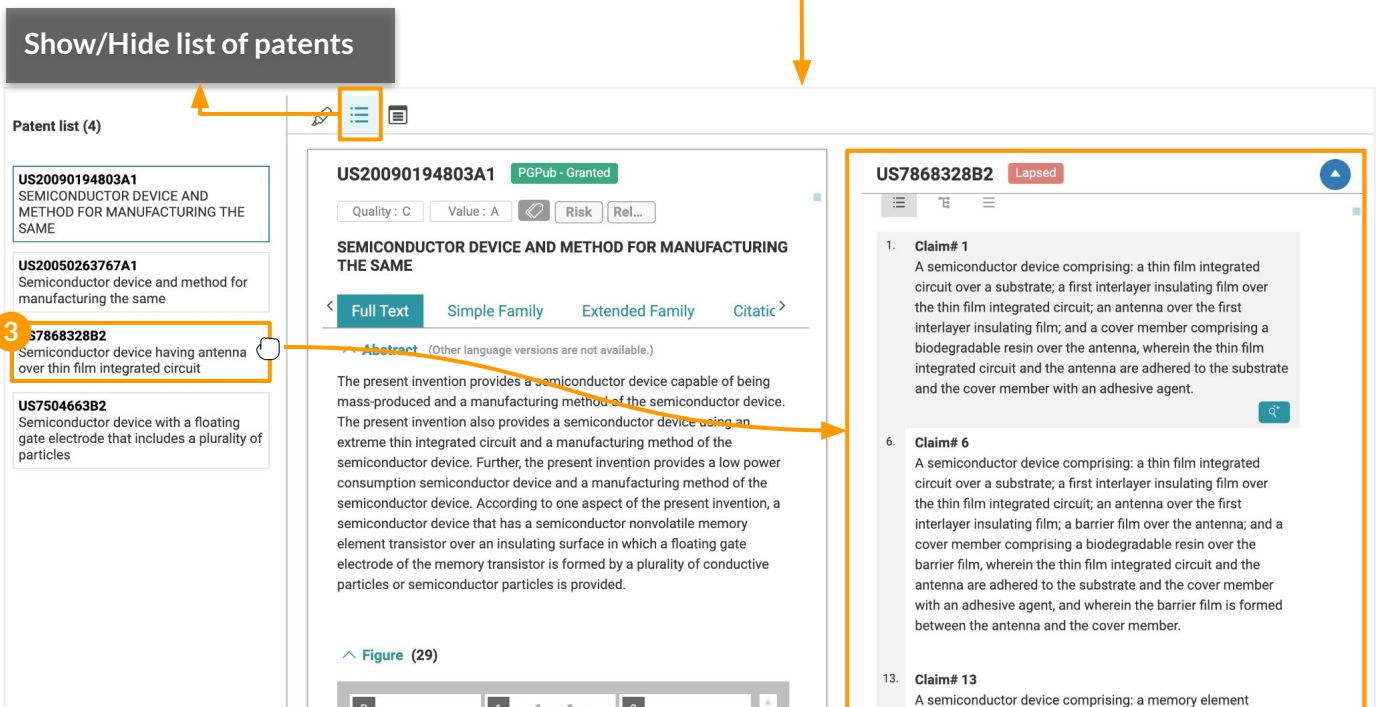
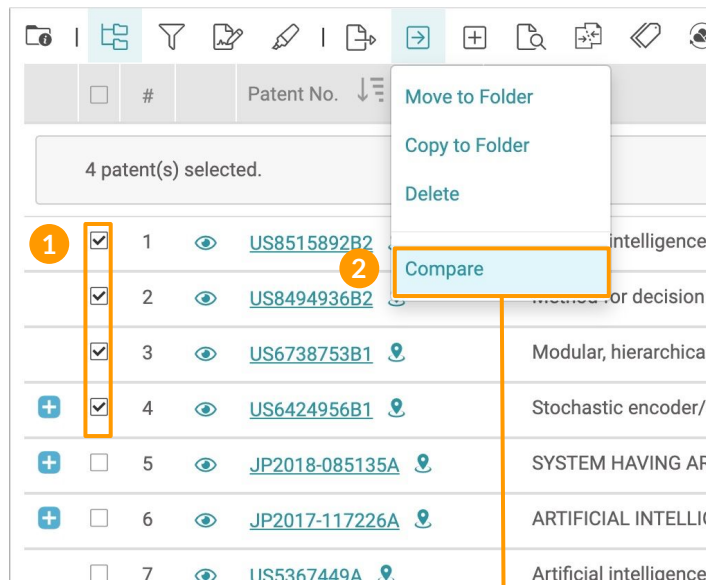
1. 選擇您想要複製、移動到另一個文件夾或刪除的專利。
2. 點擊「操作」按鈕以選擇操作：移動、複製或刪除。如果您的操作是移動或複製到另一個文件夾，則會彈出一個窗口。
3. 選擇目標專案。
4. 點擊目標文件夾(或點擊「新增文件夾」)以創建新的文件夾或子文件夾)，以複製或移動所選專利到該位置。
5. 點擊「確認」。



## 操作

要比較專利，您可以按照以下步驟進行操作：

1. 勾選相應的複選框以選擇您要比較的專利，最多可以選擇20個專利。
2. 點擊「比較」。比較頁面將在新的頁籤中打開。
3. 在文件比較頁面上，將任何一個專利拖放到閱讀面板的任一側。您也可以通過將一個專利拖放到兩個面板上來比較單個專利的信息。



Patent Vault also provides [Highlighter](#) and [Memo](#) tools that are available on the document comparison page.

## 新增專利 +

在 *Patent Vault* 中，您可以將所選專利的家族成員或專利引用添加到一個文件夾中。

### 透過導入專利家族方式

要導入並搜索具有相同家族ID的專利成員，請按照以下步驟進行操作：

1. 選擇您想要搜索家族成員的專利。
2. 點擊“添加專利”按鈕，然後選擇“通過導入專利家族”選項。專利家族擴展窗口將出現。

The screenshot shows the 'Add Patents' interface in Patent Vault. The top toolbar includes 'Data Grouping' and 'Add Patents' buttons. A table below shows 4 selected patents. A 'Patent Family Expansion' dialog box is open, showing options for 'Data Type' (Appl. No., Simple Family, Extended Family), 'Country' (All country), and 'Save to folder' (AI). The 'Confirm' button is highlighted.

#	Patent No.	Patent Title
1	US8515892B2	Artificial intelligence system
2	US8494936B2	Method for decision making using artificial intelligence
3		
4		

Patent Family Expansion

Scope : AI  
4 patents are selected.

Data Type :  Appl. No.  Simple Family  Extended Family

Country : All country

Save to folder : AI

Buttons: Cancel, Confirm

3. 選擇您要導入的數據類型（申請號、簡單家族或擴展家族）。然後選擇您希望將添加的列表保存到的國家和文件夾。
4. 完成這些設置後，點擊「確認」。完成處理後，新導入的專利列表將出現在指定的文件夾中。

## 新增專利 +

### 透過導入引證方式

引證擴展用於查找已被特定專利引用的專利，或查找該特定專利是否已被其他專利引用。要導入並搜索引證，您可以按照以下步驟進行操作：

1. 選擇您要搜索引文的專利。
2. 點擊「新增專利」按鈕，然後選擇“通過導入引證”選項。引證擴展視窗將出現。

The screenshot illustrates the 'Add Patents' workflow. In the main interface, four patents are selected (checkboxes marked '1'). The 'Add Patents' dropdown menu is open, with 'By Importing Citations' selected (marked '2'). The 'Citation Expansion' dialog box is shown with the following settings: Scope: AI, Citation Type: All Citation Type (marked '3'), Country: All country, and Save to folder: AI. The 'Confirm' button is highlighted (marked '4').

#	Patent No.	Description
1	US8515892B2	Artificial intelligence system
2	US8494936B2	Method for decision making using artificial intelligence
3	US6738753B1	Modular, hierarchically organized artificial intelligenc...
4	US6424956B1	Stochastic encoder/decoder/predictor

3. 選擇您希望按照的引文類型（所有引證、審查員引證、所有被引證或審查員被引證）。選擇您要將添加的列表保存到的國家和文件夾。
4. 在您完成了設定後，點擊「確認」。處理完畢後，新導入的專利列表將顯示在指定的文件夾中。

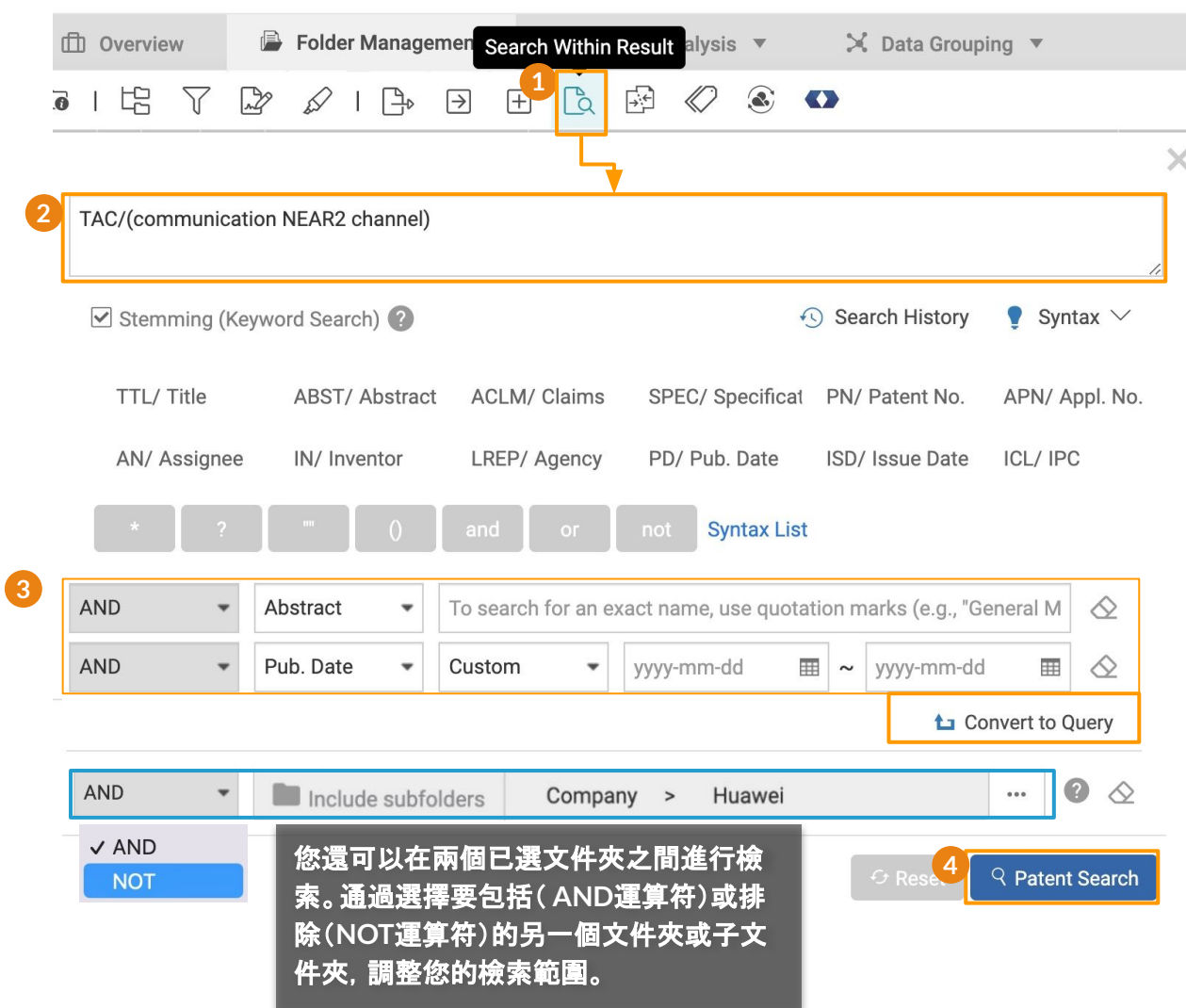
\*Citations by examiners are limited to US, CN, EP, and WO patents only.

## 二次檢索

在特定文件夾或專案的專利清單中進行二次檢索，您可以按照以下步驟進行操作：

### 如何進行二次檢索：

1. 點擊「二次檢索」按鈕，搜索面板將出現。
2. 在搜索框中輸入您的搜索條件。您可以使用關鍵字搜索語法和布林運算符 (NOT/AND/OR) 以獲得更準確的結果。
3. 如果您使用下拉選單，請確保點擊「轉換為檢索字串」以應用您的搜索條件。
4. 點擊「專利檢索」開始搜索。

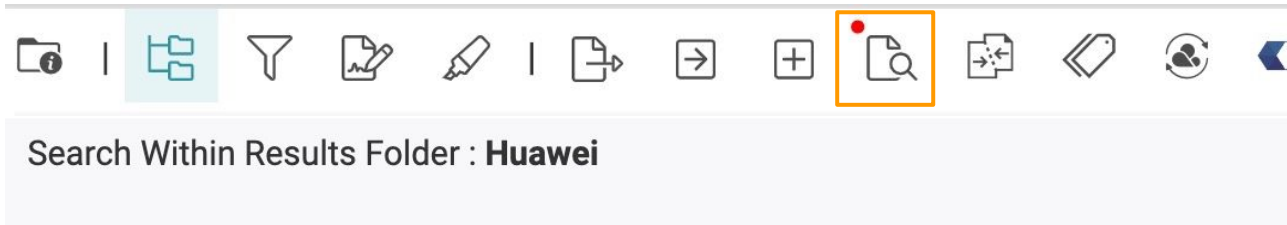


The screenshot illustrates the search workflow in the software. At the top, the 'Search Within Result' button is highlighted with a red circle and arrow (1). Below it, the search input field contains the query 'TAC/(communication NEAR2 channel)' (2). The search criteria are configured with 'AND' and 'Abstract' (3). Finally, the 'Patent Search' button is highlighted with a red circle and arrow (4).

您還可以在兩個已選文件夾之間進行檢  
索。通過選擇要包括 ( AND運算符) 或排  
除 (NOT運算符) 的另一個文件夾或子文  
件夾，調整您的檢索範圍。

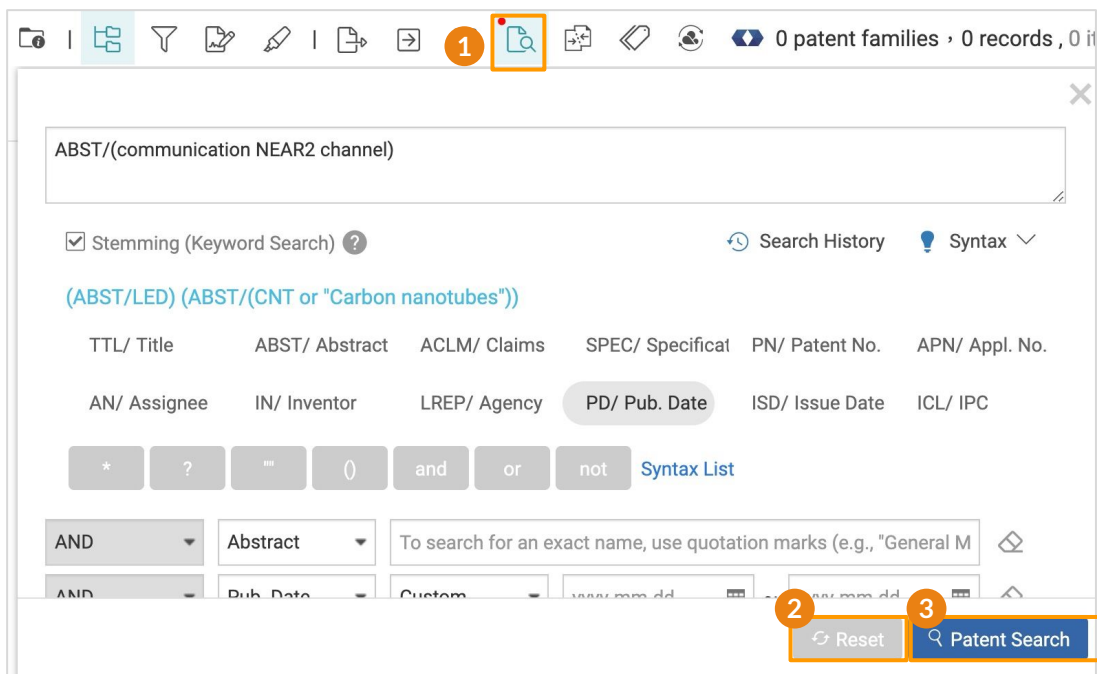
## 二次檢索

在文件夾中進行本地檢索後，將在「二次檢索」按鈕上顯示一個紅色的點，並且檢索的範圍將顯示在工具欄下方。下面的示例顯示，在“華為”文件夾中進行了搜索，當前顯示的專利清單是檢索的結果。這個視覺提示和範圍指示讓你知道您正在查看的專利清單是特定文件夾中檢索的結果。



要清除當前的檢索，您可以按照以下步驟進行操作：

1. 點擊「二次檢索」按鈕。
2. 點擊「重置」。
3. 點擊「專利檢索」。

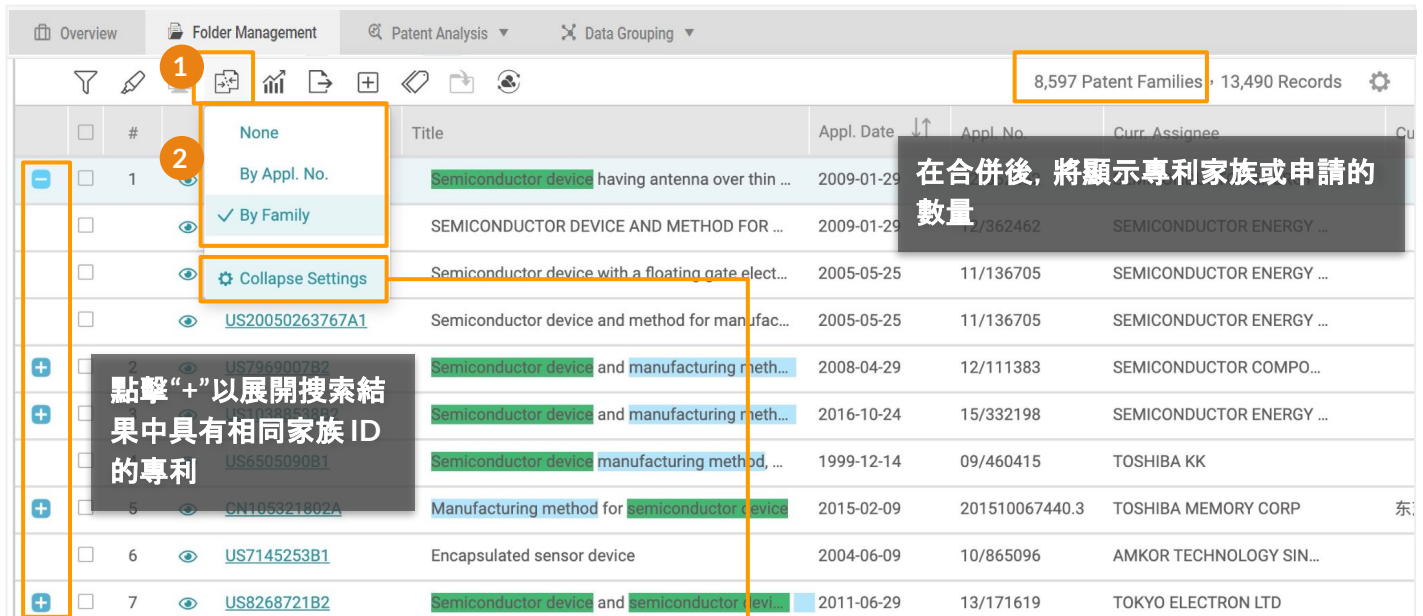


## 合併

按申請號或家族合併結果

### 合併專利，您可以按照以下步驟進行操作

1. 點擊合併按鈕。
2. 選擇您是否要依照申請號、家族或不進行合併。專利清單將呈現合併後的結果。



The screenshot shows the 'Patent Analysis' interface with a table of patent results. A merge icon (1) is highlighted in the top toolbar. A dropdown menu (2) is open, showing options: 'None', 'By Appl. No.', 'By Family', and 'Collapse Settings'. A text box on the right states: '在合併後，將顯示專利家族或申請的數量' (After merging, the number of patent families or applications will be displayed). A text box on the left states: '點擊“+”以展開搜索結果中具有相同家族ID的專利' (Click '+' to expand patents with the same family ID in the search results). The table columns include #, Title, Appl. Date, Appl. No., and Curr. Assignee.

#	Title	Appl. Date	Appl. No.	Curr. Assignee
1	Semiconductor device having antenna over thin ...	2009-01-29	12/362462	SEMICONDUCTOR ENERGY ...
	SEMICONDUCTOR DEVICE AND METHOD FOR ...	2009-01-29	12/362462	SEMICONDUCTOR ENERGY ...
	Semiconductor device with a floating gate elect...	2005-05-25	11/136705	SEMICONDUCTOR ENERGY ...
	Semiconductor device and method for manufac...	2005-05-25	11/136705	SEMICONDUCTOR ENERGY ...
2	Semiconductor device and manufacturing meth...	2008-04-29	12/111383	SEMICONDUCTOR COMPO...
	Semiconductor device and manufacturing meth...	2016-10-24	15/332198	SEMICONDUCTOR ENERGY ...
	Semiconductor device manufacturing method, ...	1999-12-14	09/460415	TOSHIBA KK
5	Manufacturing method for semiconductor device	2015-02-09	201510067440.3	TOSHIBA MEMORY CORP
6	Encapsulated sensor device	2004-06-09	10/865096	AMKOR TECHNOLOGY SIN...
7	Semiconductor device and semiconductor devi...	2011-06-29	13/171619	TOKYO ELECTRON LTD

### Preferences

Search Setting Patent List Collapse Settings

By Appl. No.

Preferred Date (Pub./Issue Date)  Most Recent  Earliest

By Family

Preferred Date (Pub./Issue Date)  Most Recent  Earliest

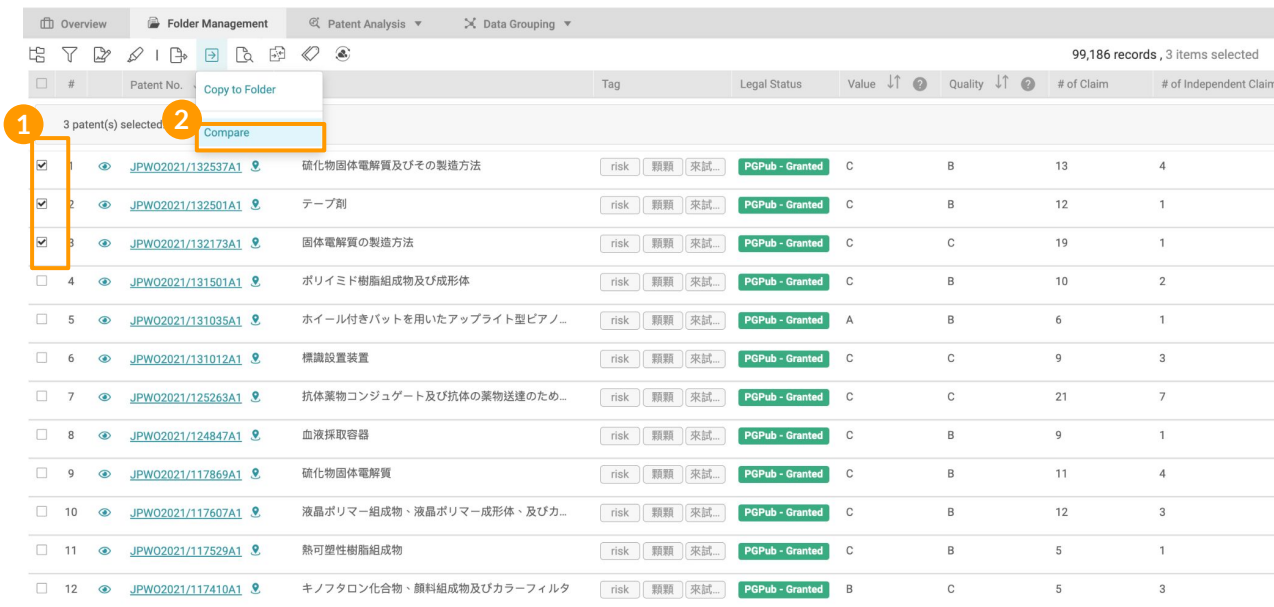
Reset to Default Cancel OK

## 比對

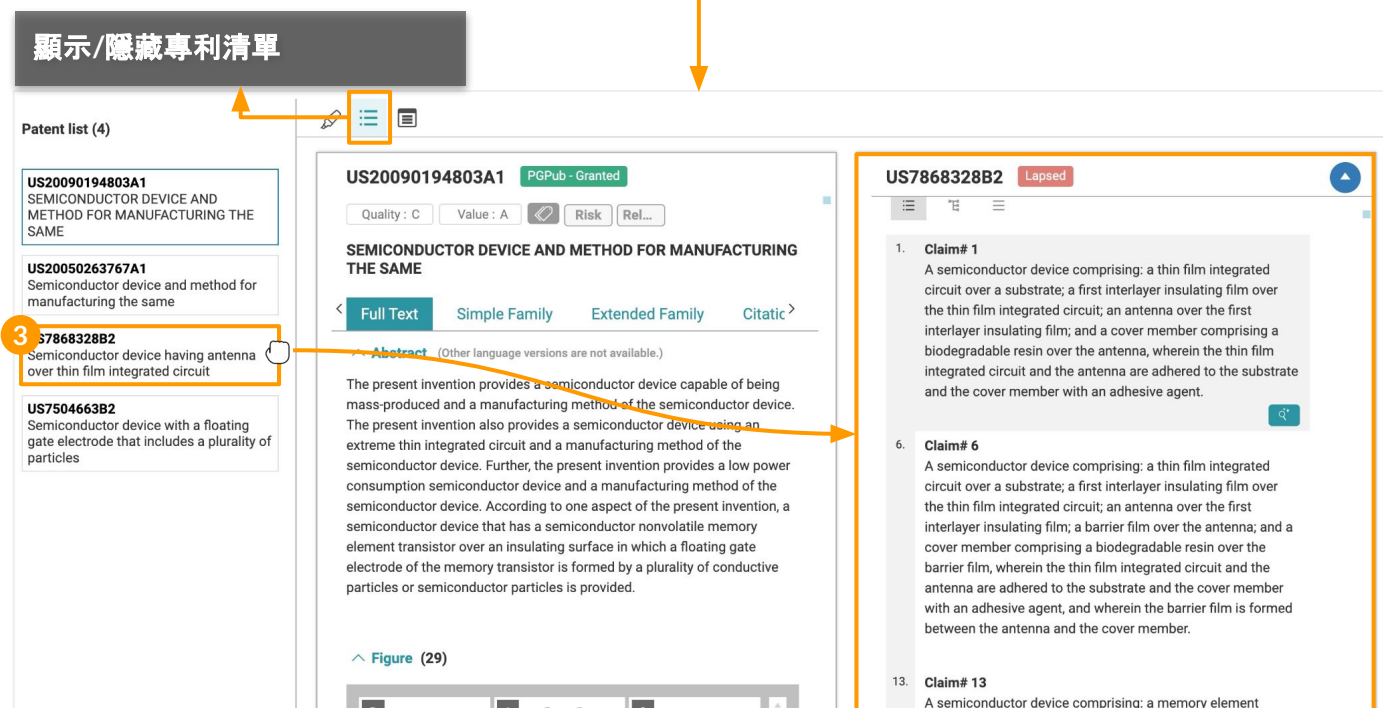
Patent Search and Patent Vault 中的比較工具讓您可以在檢索結果頁面或文件夾中，快速且輕鬆地比較兩個專利。這有助於你比對不同專利之間的相似性和差異，無論是在檢索結果頁面還是文件夾中都可以輕鬆實現。

### 比對功能，您可以按照以下步驟進行操作

1. 選擇您要比較的專利，勾選相應的複選框。最多可以選擇20個專利。
2. 點擊“比對”，比對頁面將在另開新頁。
3. 在文件比對頁面上，將任何一個專利拖放到閱讀面板的任一側。您也可以比較單個專利的信息，方法是將該專利拖放到兩個面板上。



#	Patent No.	Tag	Legal Status	Value	Quality	# of Claim	# of Independent Claim
<input checked="" type="checkbox"/>	JPWO2021/132537A1	risk	PGPub - Granted	C	B	13	4
<input checked="" type="checkbox"/>	JPWO2021/132501A1	risk	PGPub - Granted	C	B	12	1
<input checked="" type="checkbox"/>	JPWO2021/132173A1	risk	PGPub - Granted	C	C	19	1
<input type="checkbox"/>	JPWO2021/131501A1	risk	PGPub - Granted	C	B	10	2
<input type="checkbox"/>	JPWO2021/131035A1	risk	PGPub - Granted	A	B	6	1
<input type="checkbox"/>	JPWO2021/131012A1	risk	PGPub - Granted	C	C	9	3
<input type="checkbox"/>	JPWO2021/125263A1	risk	PGPub - Granted	C	C	21	7
<input type="checkbox"/>	JPWO2021/124847A1	risk	PGPub - Granted	C	B	9	1
<input type="checkbox"/>	JPWO2021/117869A1	risk	PGPub - Granted	C	B	11	4
<input type="checkbox"/>	JPWO2021/117607A1	risk	PGPub - Granted	C	B	12	3
<input type="checkbox"/>	JPWO2021/117529A1	risk	PGPub - Granted	C	B	5	1
<input type="checkbox"/>	JPWO2021/117410A1	risk	PGPub - Granted	B	C	5	3



**顯示/隱藏專利清單**

Patent list (4)

- US20090194803A1 SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME
- US20050263767A1 Semiconductor device and method for manufacturing the same
- US7868328B2** Semiconductor device having antenna over thin film integrated circuit
- US7504663B2 Semiconductor device with a floating gate electrode that includes a plurality of particles

**US20090194803A1** PGPub - Granted

Quality: C Value: A Risk Rel...

**SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME**

Full Text Simple Family Extended Family Citatic

Abstract (Other language versions are not available.)

The present invention provides a semiconductor device capable of being mass-produced and a manufacturing method of the semiconductor device. The present invention also provides a semiconductor device using an extreme thin integrated circuit and a manufacturing method of the semiconductor device. Further, the present invention provides a low power consumption semiconductor device and a manufacturing method of the semiconductor device. According to one aspect of the present invention, a semiconductor device that has a semiconductor nonvolatile memory element transistor over an insulating surface in which a floating gate electrode of the memory transistor is formed by a plurality of conductive particles or semiconductor particles is provided.

Figure (29)

**US7868328B2** Lapsed

1. **Claim # 1**  
A semiconductor device comprising: a thin film integrated circuit over a substrate; a first interlayer insulating film over the thin film integrated circuit; an antenna over the first interlayer insulating film; and a cover member comprising a biodegradable resin over the antenna, wherein the thin film integrated circuit and the antenna are adhered to the substrate and the cover member with an adhesive agent.

6. **Claim # 6**  
A semiconductor device comprising: a thin film integrated circuit over a substrate; a first interlayer insulating film over the thin film integrated circuit; an antenna over the first interlayer insulating film; a barrier film over the antenna; and a cover member comprising a biodegradable resin over the barrier film, wherein the thin film integrated circuit and the antenna are adhered to the substrate and the cover member with an adhesive agent, and wherein the barrier film is formed between the antenna and the cover member.

13. **Claim # 13**  
A semiconductor device comprising: a memory element

Patent Vault also provides [Highlighter](#) and [Memo](#) tools that are available on the document comparison page.

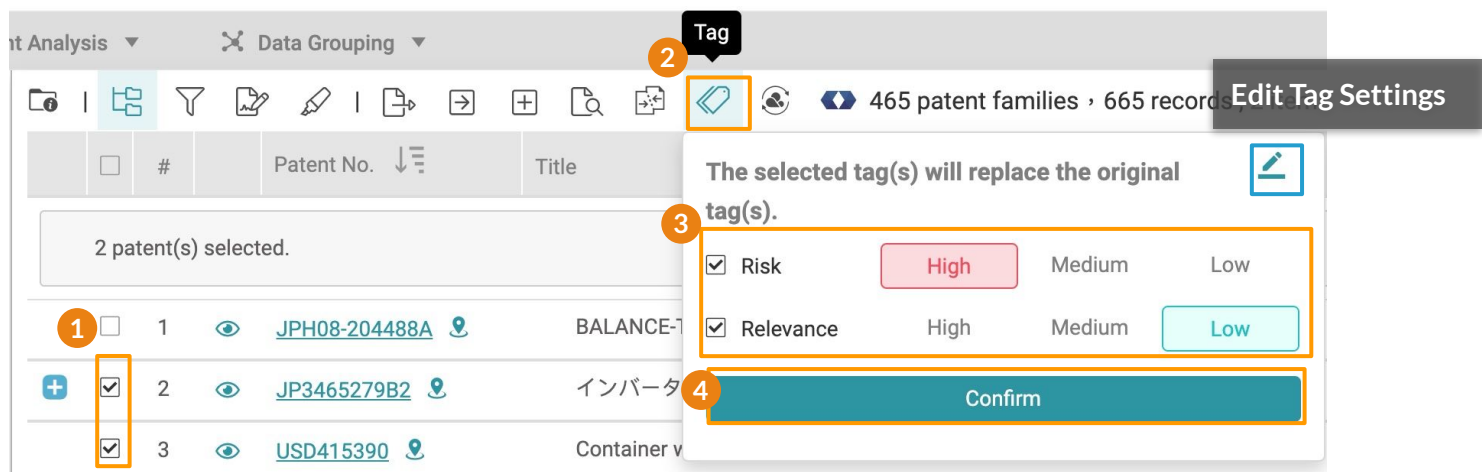


## 標籤

將自定義標籤應用於您的專利清單中所選的專利。所有標記的專利將保存在 *Patent Vault* 專案中的單獨標籤文件夾中。

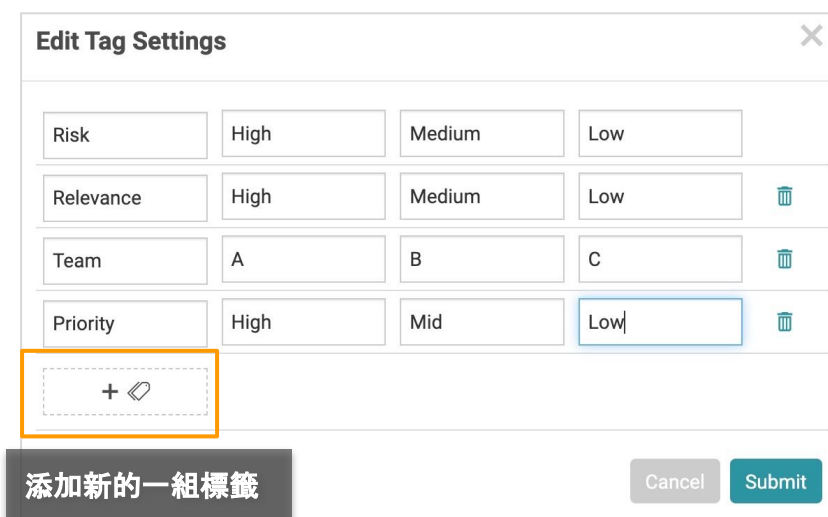
### 標籤功能，您可以按照以下步驟進行操作

1. 選擇您要上標籤的專利。
2. 點擊工具欄上的標籤圖示。
3. 您可以從默認標籤中選擇：風險和相關性，並選擇類型或等級，比如高、中或低。完成標籤後，點擊“確認”。
4. 您可以在專案的標籤文件夾中查看已打標的專利。



## 編輯標籤設定

點擊編輯圖示，您可以自定義您的標籤。您可以創建新的標籤，並為其設置主題、標籤名稱和範圍。您最多可以設置10種類型的標籤。

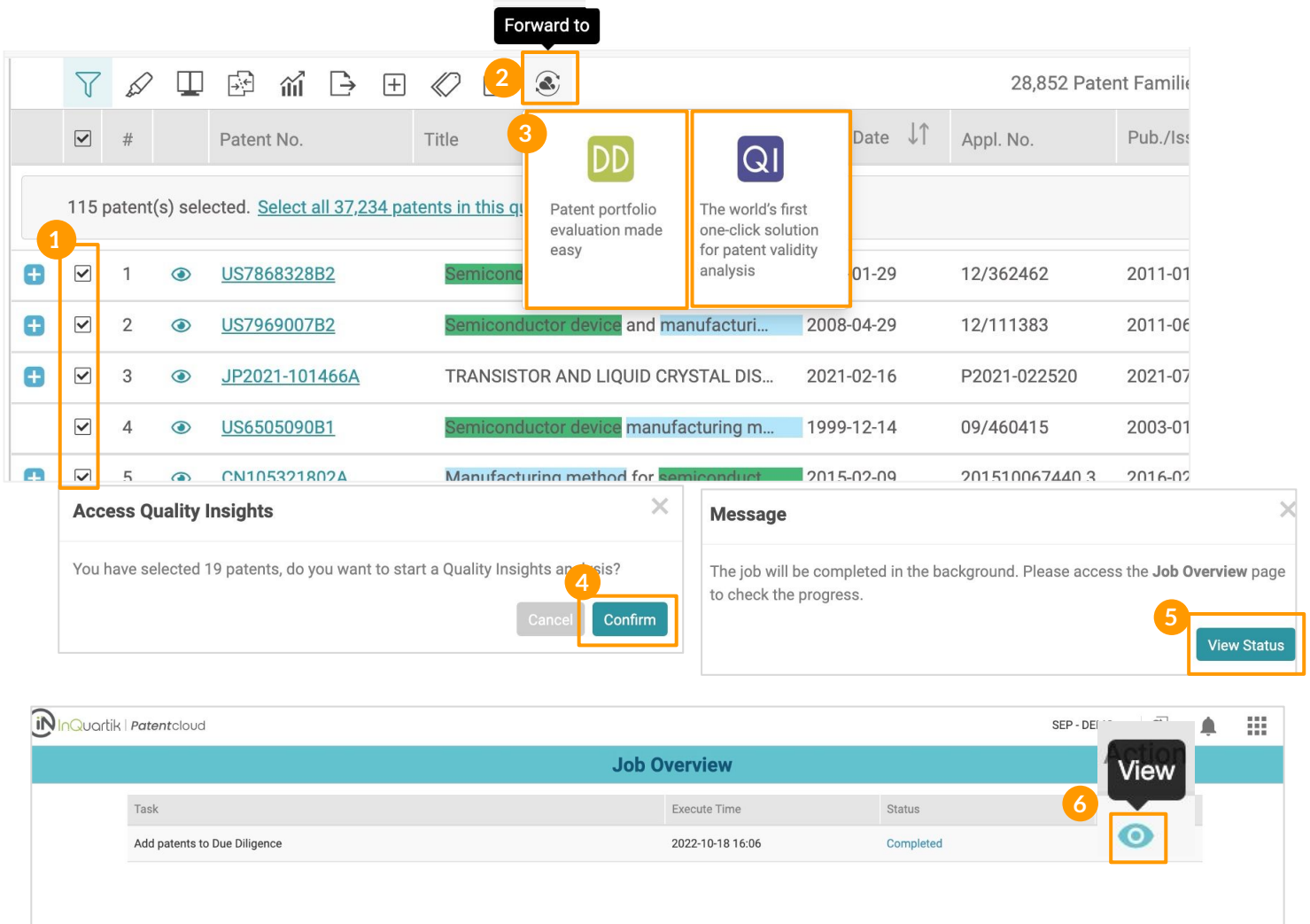


## 串接傳送至

將所選的專利串接到“*Due Diligence*”（用於專利組合評估）和“*Quality Insights*”（用於專利有效性分析）。

### 串接傳送專利至其他產品：

1. 選擇你要串接到“*Due Diligence*”或是“*Quality Insights*”\*
2. 點擊“轉發到”圖示。
3. 選擇DD（盡職調查）或QI（質量洞察）。
4. 在彈出窗口上點擊“確認”（將專利轉發給*Quality Insights*時，*Quality Insights*搜索摘要頁面將另開新頁）。
5. 將專利轉發給“*Due Diligence*”時，點擊“檢視狀態”以在“工作總覽”頁面上查看任務的進度。
6. 在“工作總覽”頁面上，點擊“檢視”圖示以打開“*Due Diligence*”的儀表板。



**Forward to**

✓	#	Patent No.	Title	Date	Appl. No.	Pub./Iss
+	1	<a href="#">US7868328B2</a>	Semicono...	01-29	12/362462	2011-01
+	2	<a href="#">US7969007B2</a>	Semiconductor device and manufacturi...	2008-04-29	12/111383	2011-06
+	3	<a href="#">JP2021-101466A</a>	TRANSISTOR AND LIQUID CRYSTAL DIS...	2021-02-16	P2021-022520	2021-07
+	4	<a href="#">US6505090B1</a>	Semiconductor device manufacturing m...	1999-12-14	09/460415	2003-01
+	5	<a href="#">CN105321802A</a>	Manufacturing method for semiconduct	2015-02-09	201510067440.3	2016-02

115 patent(s) selected. [Select all 37,234 patents in this q...](#)

**Forward to**

- DD** Patent portfolio evaluation made easy
- QI** The world's first one-click solution for patent validity analysis

**Access Quality Insights**

You have selected 19 patents, do you want to start a Quality Insights analysis?

Cancel **Confirm**

**Message**

The job will be completed in the background. Please access the **Job Overview** page to check the progress.

**View Status**

**Job Overview**

Task	Execute Time	Status
Add patents to Due Diligence	2022-10-18 16:06	Completed

**View**

\* 您最多可以將高達 100個專利轉發給 *Quality Insights*。

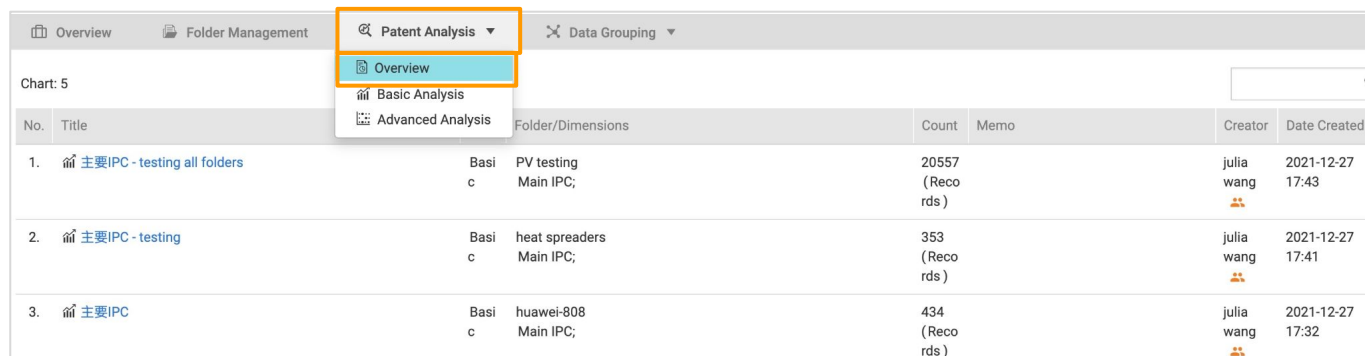
要選擇或取消選擇所有結果，請參考此[頁面](#)

# 產業化專利分析

- 總覽
- 基本分析
- 進階分析

## 總覽

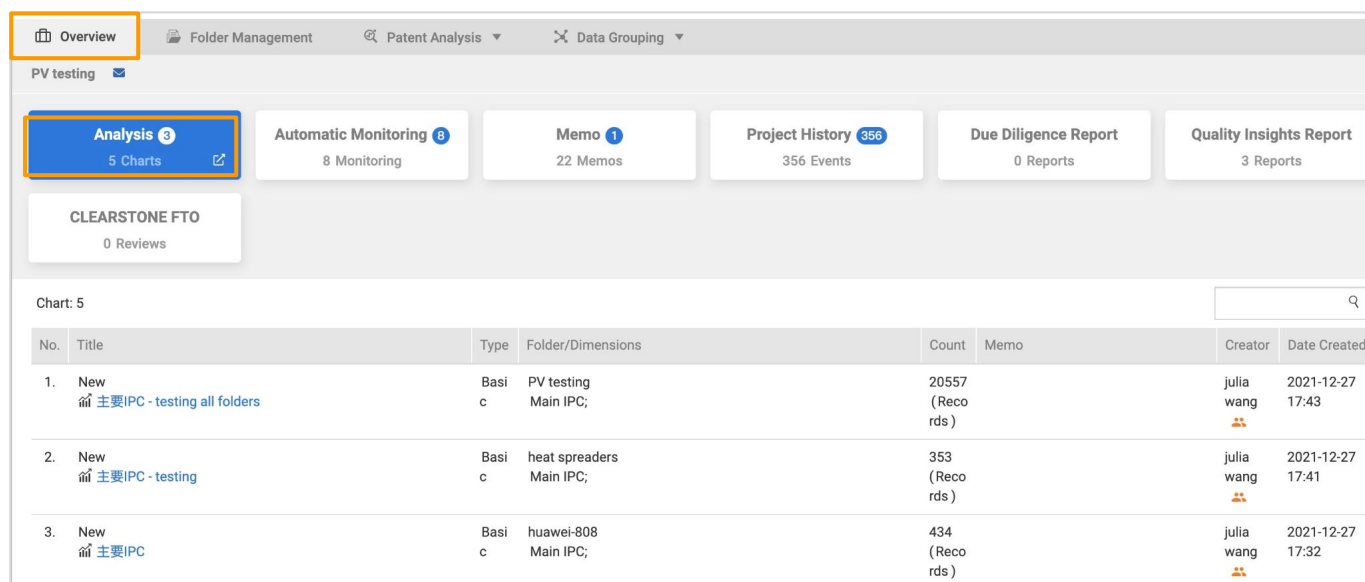
請選擇「產業化專利分析」並點選下拉列表中的「總覽」，您可以看到儲存在本專案中的基本分析及進階分析結果。



The screenshot shows the 'Patent Analysis' dropdown menu with 'Overview' selected. Below the menu is a table with the following data:

No.	Title	Type	Folder/Dimensions	Count	Memo	Creator	Date Created
1.	📁 主要IPC - testing all folders	Basic	PV testing Main IPC;	20557 (Records)		julia wang	2021-12-27 17:43
2.	📁 主要IPC - testing	Basic	heat spreaders Main IPC;	353 (Records)		julia wang	2021-12-27 17:41
3.	📁 主要IPC	Basic	huawei-808 Main IPC;	434 (Records)		julia wang	2021-12-27 17:32

您也可以在「總覽」頁面中的「分析圖表」分頁內檢視上述資訊。



The screenshot shows the 'Overview' page with a navigation bar and a table. The 'Analysis' tab is selected, showing 5 charts. Below the navigation bar are several summary cards: Analysis (5 Charts), Automatic Monitoring (8 Monitoring), Memo (22 Memos), Project History (356 Events), Due Diligence Report (0 Reports), and Quality Insights Report (3 Reports). Below these is a 'CLEARSTONE FTO' card with 0 Reviews. The table below shows the same data as the previous screenshot:

No.	Title	Type	Folder/Dimensions	Count	Memo	Creator	Date Created
1.	New 📁 主要IPC - testing all folders	Basic	PV testing Main IPC;	20557 (Records)		julia wang	2021-12-27 17:43
2.	New 📁 主要IPC - testing	Basic	heat spreaders Main IPC;	353 (Records)		julia wang	2021-12-27 17:41
3.	New 📁 主要IPC	Basic	huawei-808 Main IPC;	434 (Records)		julia wang	2021-12-27 17:32

## 基本分析



可進行專利資料夾的基本數據分析，建立視覺化圖表。此工具可讓您產生折線圖、橫條圖、直方圖和圓餅圖。

### 建立圖表：

1. 請選擇「產業化專利分析」並點選下拉列表中的「基本分析」。

The screenshot illustrates the steps to perform a basic analysis. In the top navigation bar, the 'Patent Analysis' menu is open, and 'Basic Analysis' is selected. A 'Select Folder' dialog box is shown, displaying a tree view of folders under 'All Patents'. The 'Technical Spec' folder and its subfolders (TS 38 211, TS 38 213, TS 38 331) are highlighted. The 'Include subfolders' checkbox is checked. The 'Confirm' button is highlighted, indicating the next step in the process.

2. 在此頁面您可以選擇想要分析的範圍，點選確認「確定」。

## 建立圖表：

3. 選擇完您欲分析的參數後，點選「開始」。

**Statistical Chart** ^ Collapse

Scope : Total Number of Records :40060

Include subfolders    Technical Spec > TS 38 211    ...

Patent Status:  
Patent Status ▼

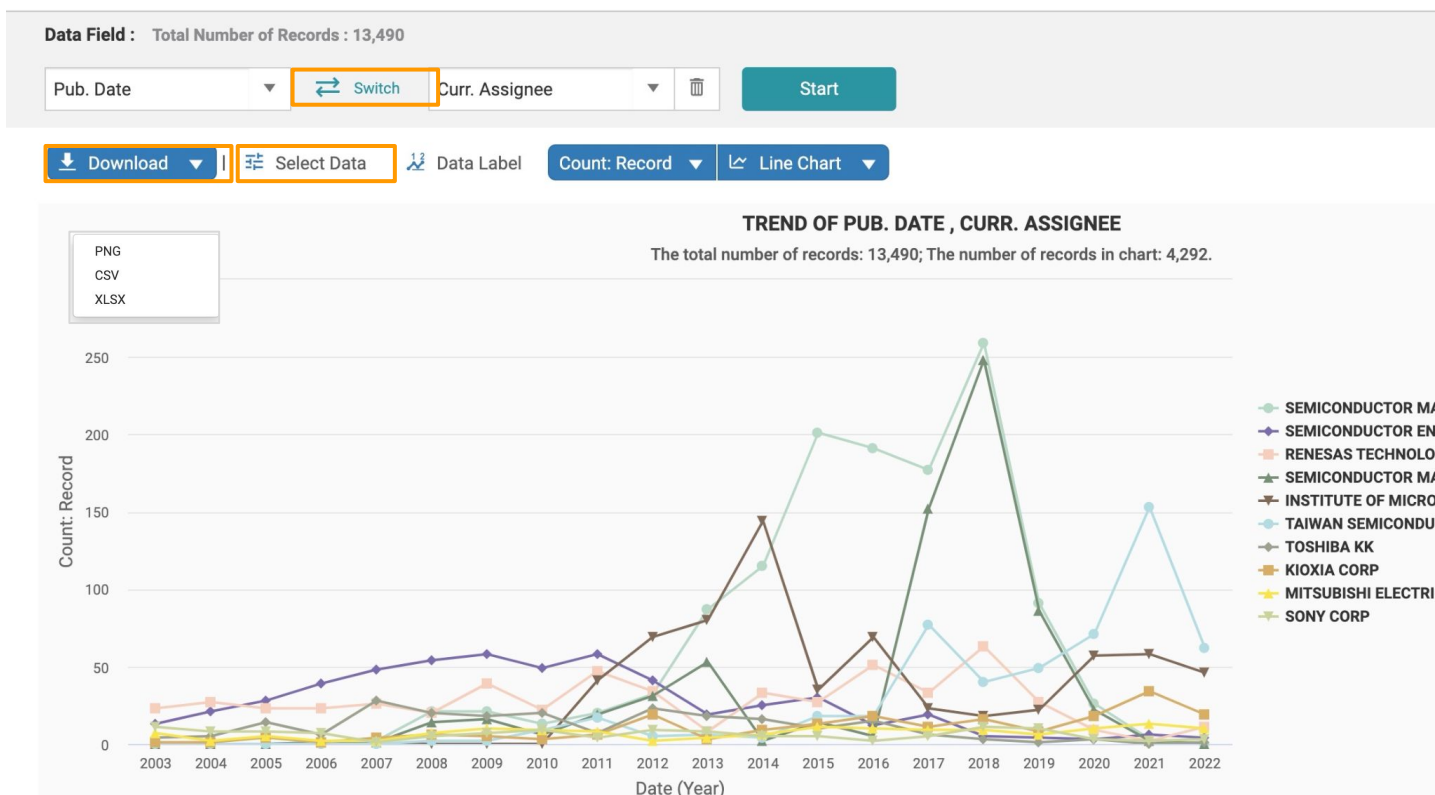
Data Field :  
Appl. Date ▼ ×    Select Data Field ▼    **Start**

▲ Party  
Assignee (Std)  
Curr. Assignee  
Inventor (Std)  
Agency  
Examiner  
Assignor (Reassignment)  
Assignee (Reassignment)  
Agent (Reassignment)

Select the data field and click start

## 統計圖表工具

產生圖表後，您可以使用統計圖表頁面上的各種工具來自訂圖表中使用和顯示的資料。



### 交換 ↔ Switch

如果圖表包含兩個資料欄位，請按一下「交換」以交換 X 和 Y 欄位。按一下「開始分析」重新產生圖表。

### 下載 ↓ Download

您可以將圖表下載為 .png 圖片檔案或 .csv 或 .xlsx 格式的資料。

### 選取資料 🔍 Select Data

在統計圖表中，選取部分欄位進行分析時，將預設帶入前10筆資料，您可以透過「選取資料」功能調整至上限100筆。超過的資料筆數將無法呈現於圖表中。

Select Data : ⓘ ✕

Switch the X and Y axis

Pub. Date Curr. Assignee

🔍

CHINESE ACADEMY OF SCIENCES

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

TOSHIBA KK

KIOXIA CORP

MITSUBISHI ELECTRIC CORP

SONY CORP

FUJITSU SEMICONDUCTOR

Cancel Apply

注意：如果使用「分類號」項目，則其在 X欄位中使用時，只能進行單一欄位分析。如果要與其他項目進行比較，只能在 Y欄位下選擇「分類號」項目。

## 統計圖表工具

### 資料標籤

Data Label

按一下「資料標籤」可在圖表中顯示資料值。

### 計數

Count: Family

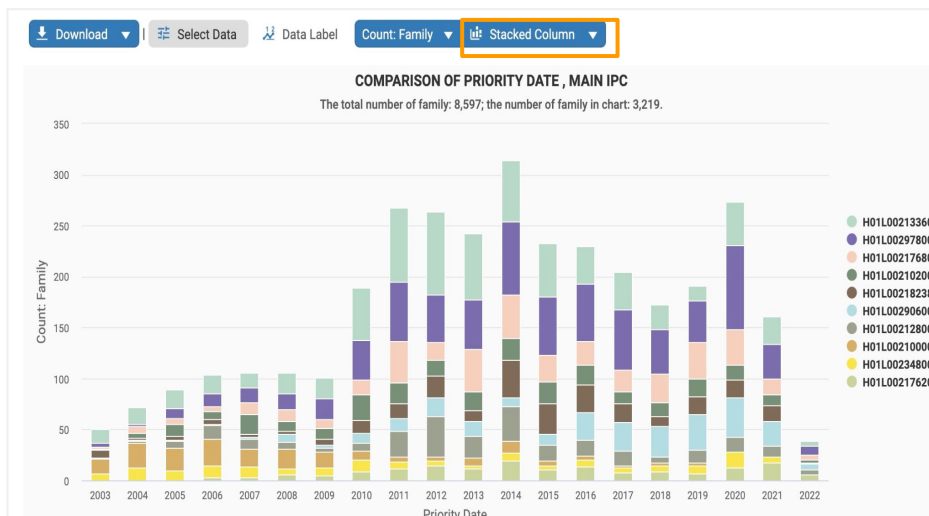
選擇您想要檢視資料計數的方式 - 依專利文件、申請或家族。



### 圖表類型

Line Chart

按下「圖表」按鈕選擇您喜歡的圖表類型(脈絡圖、橫條圖、直方圖或圓餅圖)。請注意, 只有脈絡圖支援與時間相關的資料欄位。

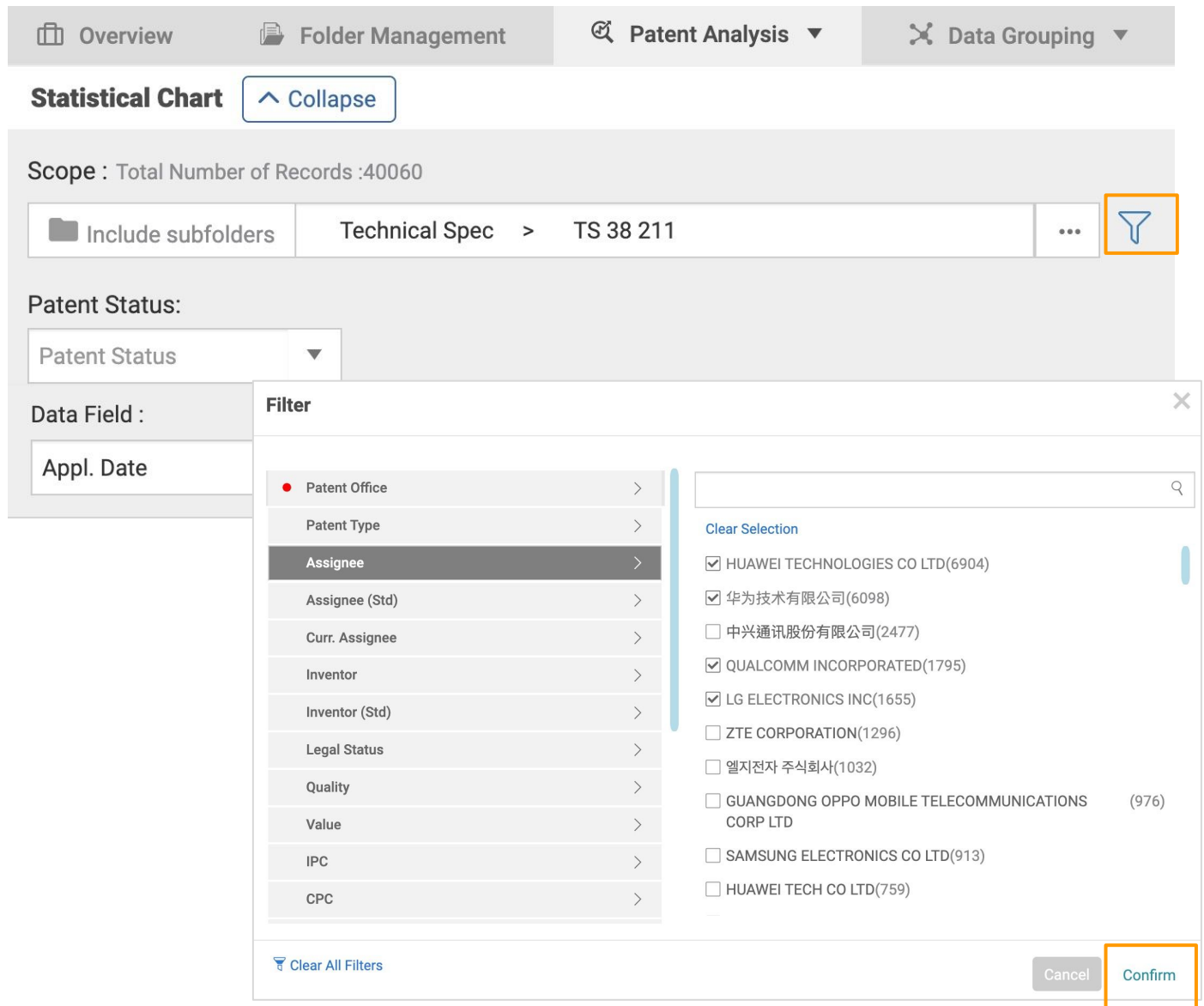




## 統計圖表工具

### 篩選範圍


您可以透過使用各種參數來篩選所選資料夾中的專利來縮小研究範圍。[選擇資料夾\(或子資料夾\)](#)後點選篩選器圖示。選擇所需的參數, 然後按一下「確定」。



Overview Folder Management Patent Analysis Data Grouping

Statistical Chart ^ Collapse

Scope : Total Number of Records :40060

Include subfolders Technical Spec > TS 38 211 

Patent Status:

Patent Status ▼

Data Field :

Appl. Date

**Filter** ×

- Patent Office >
- Patent Type >
- Assignee >**
- Assignee (Std) >
- Curr. Assignee >
- Inventor >
- Inventor (Std) >
- Legal Status >
- Quality >
- Value >
- IPC >
- CPC >

Clear Selection

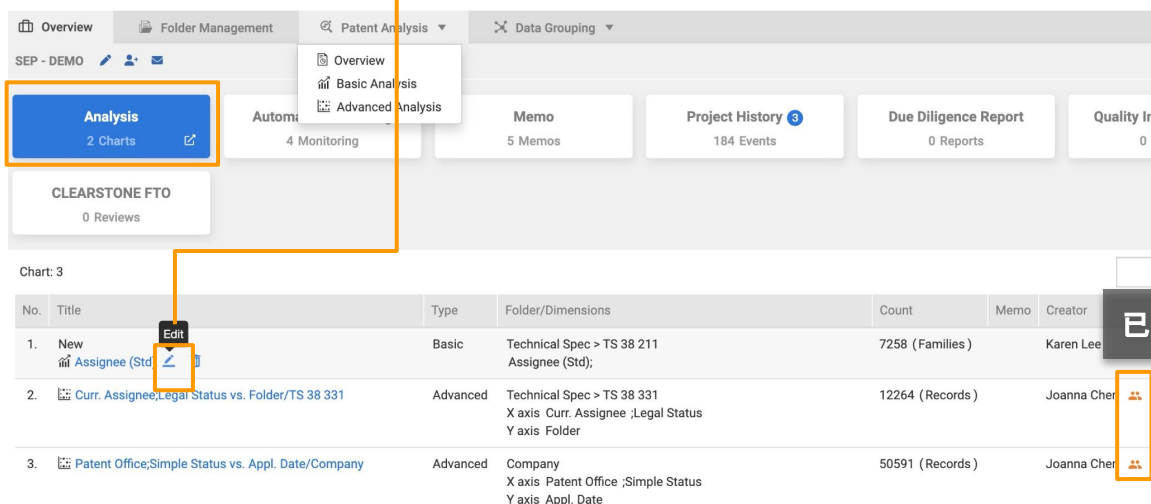
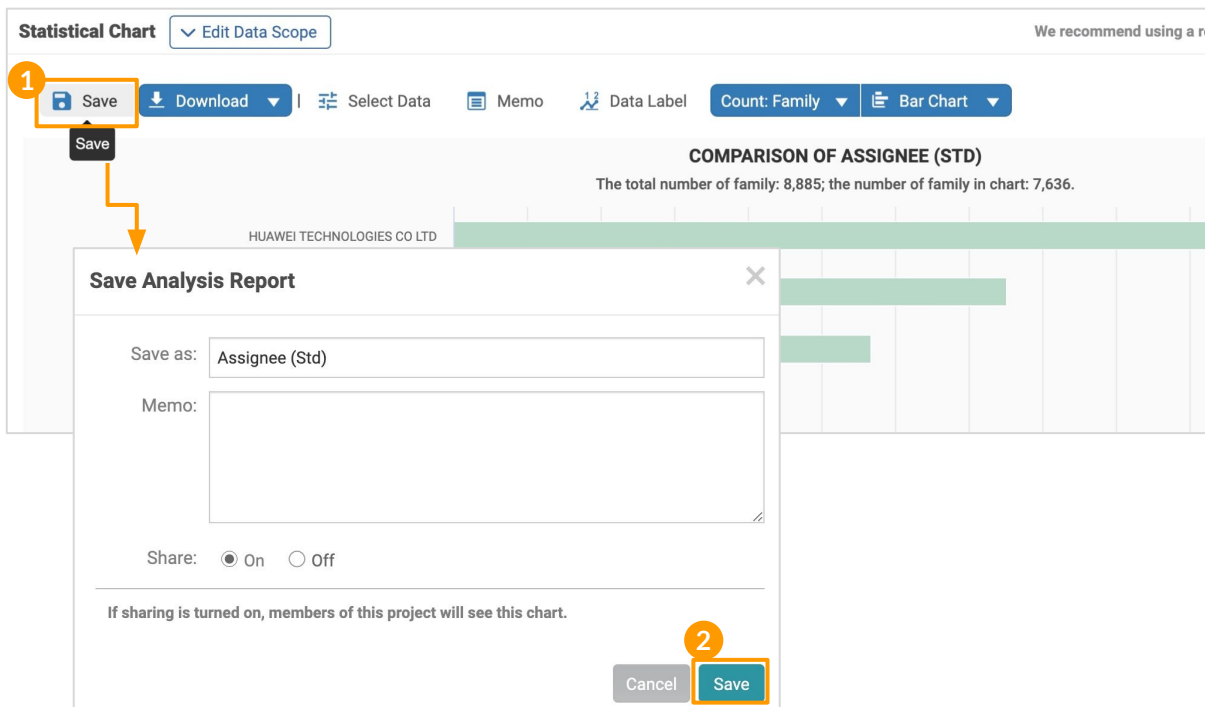
- HUAWEI TECHNOLOGIES CO LTD(6904)
- 华为技术有限公司(6098)
- 中兴通讯股份有限公司(2477)
- QUALCOMM INCORPORATED(1795)
- LG ELECTRONICS INC(1655)
- ZTE CORPORATION(1296)
- 엘지전자 주식회사(1032)
- GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD (976)
- SAMSUNG ELECTRONICS CO LTD(913)
- HUAWEI TECH CO LTD(759)

Clear All Filters Cancel Confirm

有關篩選器運作方式的更多詳細資訊, 請參閱 [資料夾管理-工具列 \(篩選器\)](#) 頁面。

## 儲存圖表：

1. 點擊「儲存」來將圖表儲存到您的專案中，點擊後將跳出「儲存分析圖表」視窗。
2. 為圖表命名，加上筆記，然後選擇是否與團隊成員分享此圖表。
3. 然後，點擊「儲存」。



您可以從總覽頁面透過點擊「分析圖表」分頁來存取已儲存的圖表。您可以透過點擊「編輯」圖示來編輯共享設定或備忘錄。

## 進階分析



您可以建立矩陣分析，對專利資料和趨勢進行類似電子表格的分析。

### 建立矩陣分析：

1. 點選「產業化專利分析」，然後在下拉式選單中選擇「進階分析」。您將在頁面頂部看到「選擇分析範圍」的欄位。

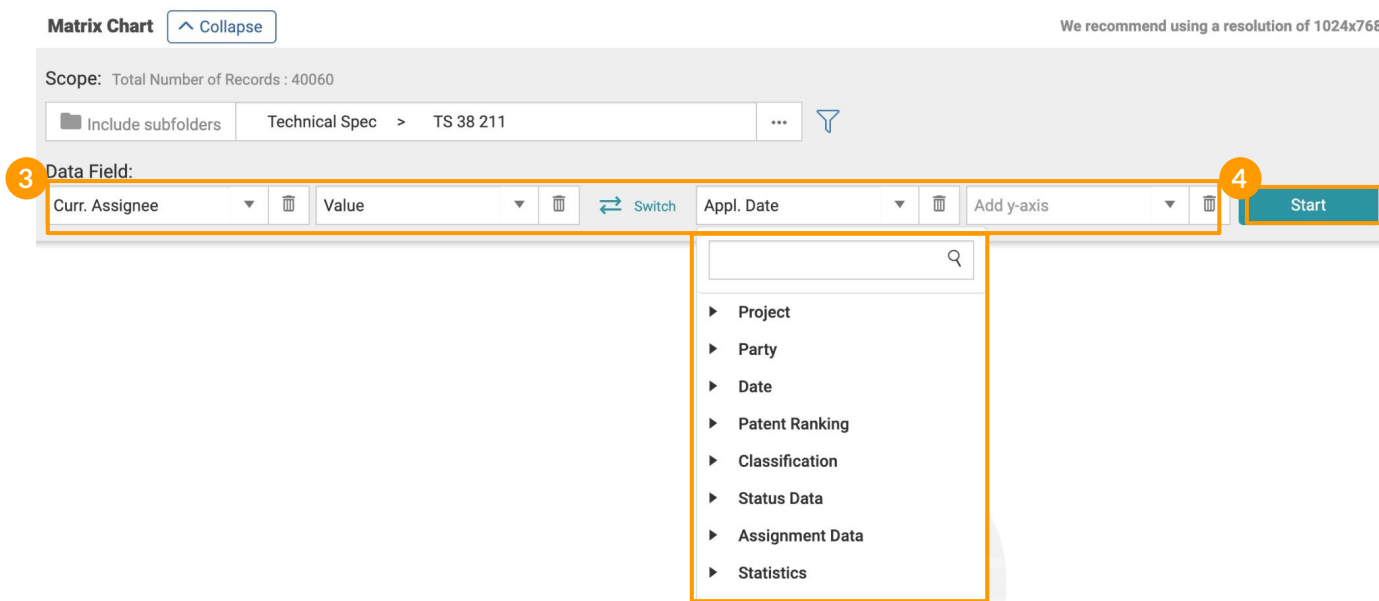
The screenshot illustrates the steps to set up an advanced analysis. At the top, a navigation bar includes 'Overview', 'Folder Management', 'Patent Analysis', and 'Data Grouping'. The 'Patent Analysis' dropdown menu is open, showing options for 'Overview', 'Basic Analysis', and 'Advanced Analysis'. A red box highlights the 'Advanced Analysis' option. Below this, a 'Scope:' field is visible with a folder icon and a red box containing three dots. An arrow points from this field to a 'Select Folder' dialog box. The dialog box shows a tree view of folders under 'All Patents', including 'Technical Spec', 'TS 38 211', 'TS 38 213', 'TS 38 331', and 'Company'. A red box highlights the 'All Patents' folder. At the bottom of the dialog, there is a 'Confirm' button highlighted with a red box.

2. 在「選擇分析範圍」欄位中，選擇要在「進階分析」中使用的資料來源（資料夾或專案中的所有專利）。然後，按一下「確定」。

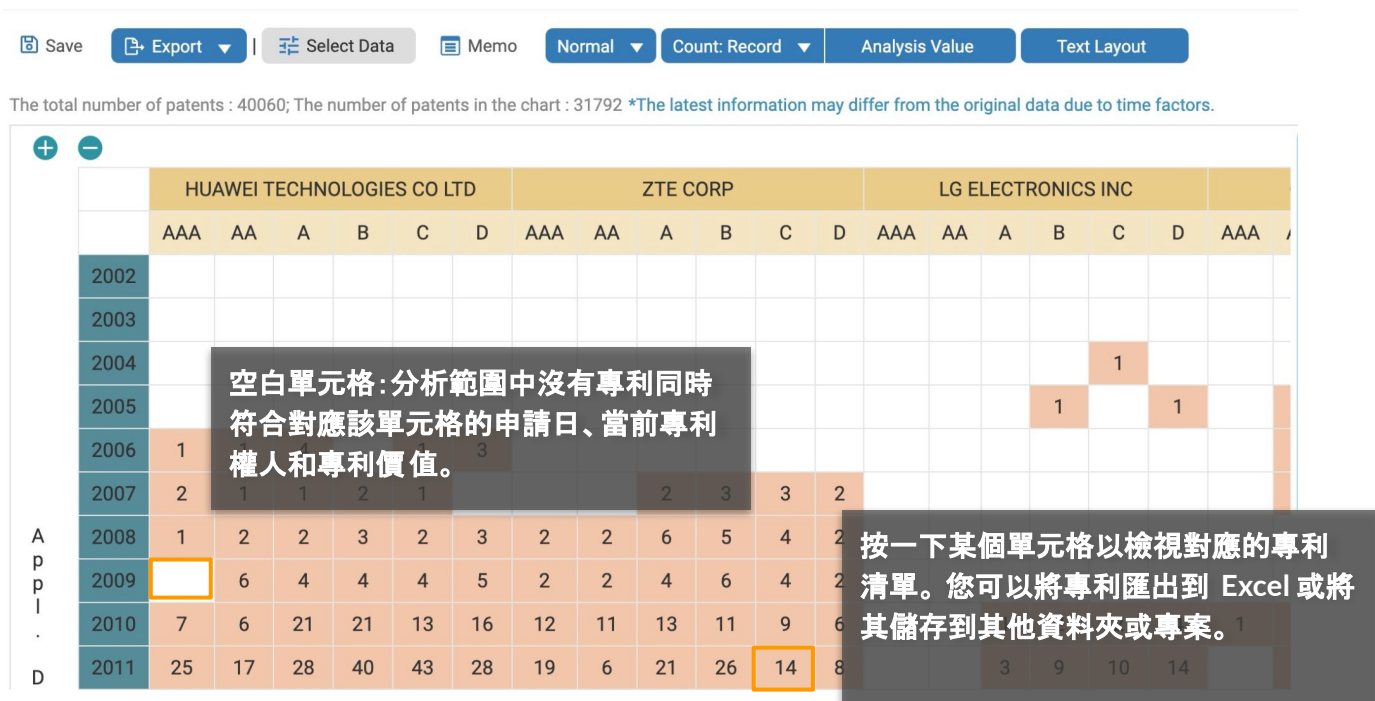
有關矩陣分析的更多資訊，請參閱我們的[專利矩陣儀表板白皮書](#)。

## 建立矩陣分析：

- 在XY軸選擇您欲分析的參數。您可以在下拉列表中看到不同參數，按下「開始分析」後您可以看到「矩陣分析」。



根據資料量，處理和顯示專利矩陣可能需要幾分鐘的時間。專利矩陣的範例如下所示。在下面的範例中，X軸顯示當前專利權人和專利指標：專利價值，而Y軸顯示申請日。橙色單元格表示相應X和Y組合的專利計數。



有關矩陣分析的更多資訊，請參閱我們的[專利矩陣儀表板白皮書](#)。

## 矩陣分析工具

產生矩陣分析後，您可以使用矩陣分析頁面上的各種矩陣分析專用工具來自訂圖表中使用和顯示的資料。

### 通常模式/ 熱力圖

Normal ▼

Heat Map ▼

點擊「通常模式」(預設) 下拉列表並選擇「熱力圖」以更直觀地查看單元格分佈。

### 選取資料

Select Data

除了基本的選擇資料功能(用於基本分析的功能)之外，您還可以重新命名專利矩陣中的欄位(僅適用於「主體」下的資料欄位)。若要編輯名稱，請按一下「選取資料」，然後按一下「重新命名」圖示。

The screenshot shows the main interface of the matrix analysis tool. At the top, there are buttons for 'Save', 'Export', 'Select Data', 'Memo', 'Heat Map', 'Count: Record', 'Analysis Value', and 'Text Layout'. Below these is a summary line: 'The total number of patents : 40060; The number of patents in the chart : 31792 \*The latest information may differ from the original data due to time factors.' The main area is a grid with years (2008-2019) on the vertical axis and various entities on the horizontal axis. A 'Select Data' dialog box is open on the right, showing a list of 20 items selected, including ZTE CORP(3934), LG ELECTRONICS INC(3314), QUALCOMM INC(3180), GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD (2238), SHARP CORP(1696), and SAMSUNG ELECTRONICS CO LTD(1621). An orange arrow points from the 'Edit' icon in the dialog to the 'Rename' dialog box below.

The 'Rename' dialog box allows users to edit the headings in the matrix chart. It contains a list of entity names with corresponding input fields for renaming them. The entities listed are: HUAWEI TECHNOLOGIES CO LTD, ZTE CORP, LG ELECTRONICS INC, QUALCOMM INC, GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD, SHARP CORP, SAMSUNG ELECTRONICS CO LTD, and TFI FFONAKTIFROI AGFT I M FRICSSON PURI. There are 'Cancel' and 'Confirm' buttons at the bottom right.

## 矩陣分析

### 分析值

### Analysis Value

在專利分析的功能中，您可以分析特定專利被添加到特定資料夾中的原因，請按照以下步驟執行此功能。本功能建議於X軸及Y軸，均各選擇一個資料夾的矩陣分析中使用。

1. 在資料夾位置視窗，輸入專利被新增到此位置的原因及筆記。
2. 進入「矩陣分析」，X軸及Y軸各選擇一個資料夾，按下「開始分析」。
3. 點擊「分析值」按鈕，將出現一個下拉式選單。
4. 如下圖所示，您可以選擇依據專利、匹配專利數量或是匹配項目數來計數。選擇後兩項可分析因請求項、圖式等而加入所選資料夾的專利數量，或是請求項數量、圖式數量。




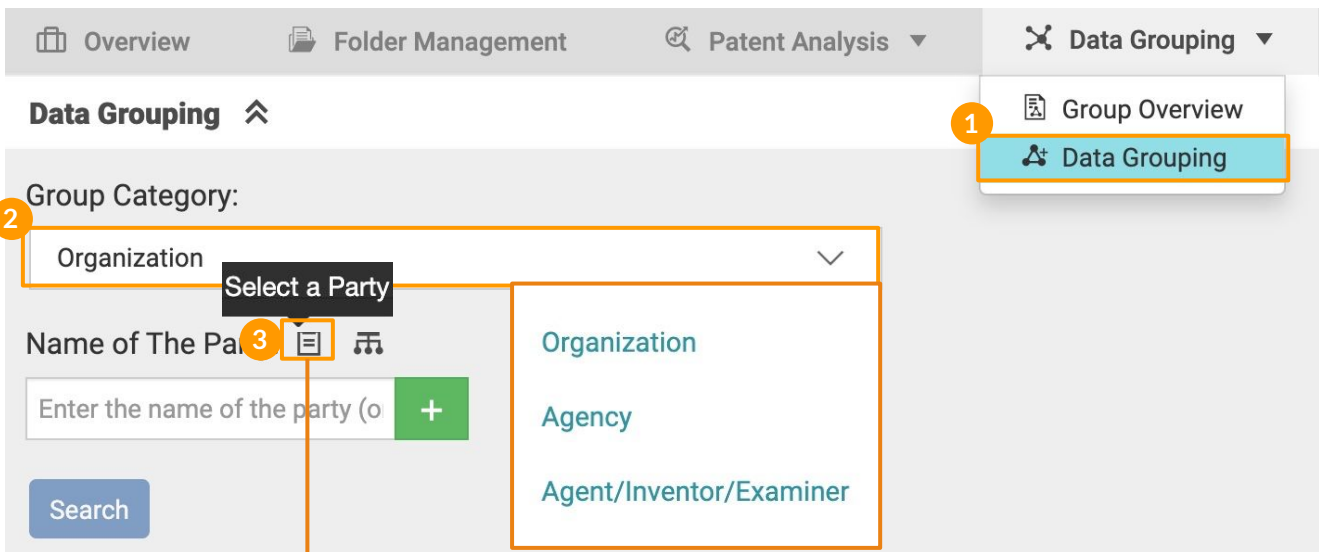
# 資料群組

資料分組可讓您將資料整合在一起，以獲得更好的視覺化效果。

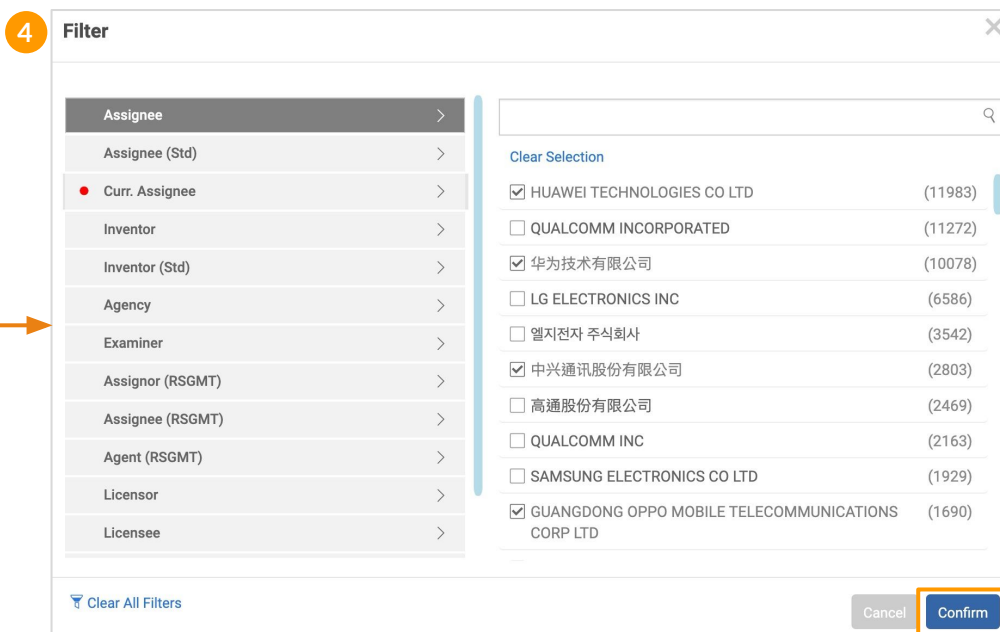
根據您的定義，一組主體——組織、代理機構、代理人/發明人/審查委員可以被視為一個變數。

## 建立資料群組：

1. 前往資料群組。
2. 從下拉式選單中選擇群組類別。
3. 直接在檢索框中輸入主體名稱。若要檢視專案中的名稱，請按一下「選擇主體」圖示。  
注意：您也可以使用「檢索集團關聯企業」圖示  選擇關聯企業。



4. 使用篩選器並勾選您想要合併到一個群組中的主體的複選框。然後，按一下「確定」。  
注意：您可以在不同的篩選器類別中選擇多個主體名稱。





## 建立資料群組：

5. 選擇要合併的主體後，按一下「檢索」。

**Data Grouping**

Group Category:

Name of The Party:

huawei technologies co	zte corp	vivo communication technolo	datang mobile communicator	china academy of telecommu
xiaomi	electronics & telecommunicat	fg innovation co	honor terminal co	华为技术有限公司
中兴通讯股份有限公司	guangdong oppo mobile telec	Enter the name of the party (o		

**5**

6. 擴展的檢索結果將會顯示。它將根據上一個步驟中選擇的類別顯示涉及所選主體名稱的專利數量。檢視清單並勾選您想要分組的主體的複選框。然後，點擊「儲存」。

### Expand Search Results

**6** Project Patent Count: 99,616

<input type="checkbox"/>	Rank	Name	# of Patent
<input checked="" type="checkbox"/>	1	HUAWEI TECHNOLOGIES CO LTD	Assignee (Std) 26529 Curr. Assignee 26451 Assignee 11983 Assignee (RSGMT) 167 Assignor (RSGMT) 105
<input checked="" type="checkbox"/>	2	ZTE CORP	Assignee (Std) 4510 Curr. Assignee 4449 Assignee 50 Assignor (RSGMT) 50 Assignee (RSGMT) 2
<input checked="" type="checkbox"/>	3	ZTE CORPORATION	Assignee 1463

7. 建立群組名稱並點擊「儲存」。

**Save as a Group**

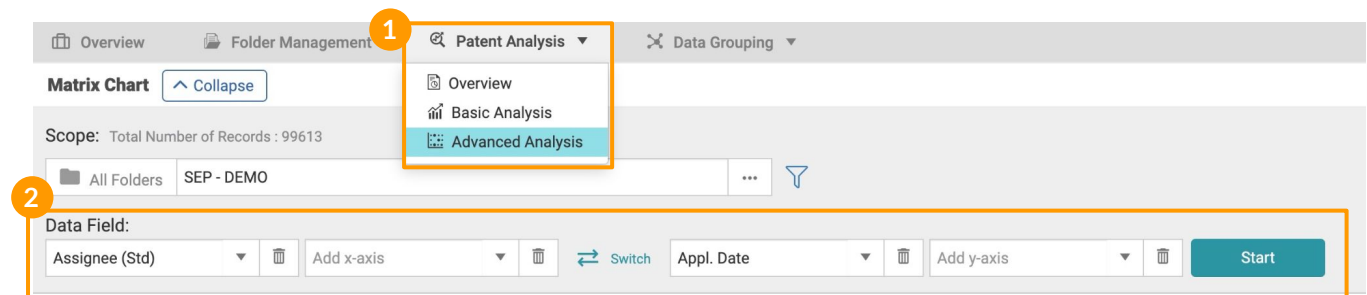
Group Name: **7**

在基本分析或進階分析中，您可以將已儲存的資料群組做為單獨的變數。

## 在分析中使用資料群組：

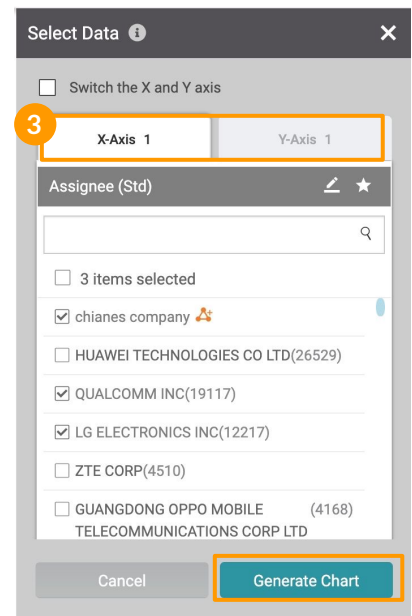
1. 前往「產業化專利分析」並選擇「基本分析」或「進階分析」。
2. 設定您的參數\*。然後，按一下「開始分析」產生圖表。  
在「選取資料」面板上，您將看到已建立的資料群組（在本範例中位於 X 軸的標準專利權人下方）。

\*僅適用於專利權人、代理機構、代理人、發明人和審查委員。



3. 從清單中選擇您想要與其他主體進行比較的資料群組。然後，點擊「產生圖表」（以進階分析為例）。

4. 新的分析結果將會根據您的選擇而產生。



The total number of patents : 99613; The number of patents in the chart

		Assignee (Std)		
		chianes c...	QUALCO...	LG ELEC...
A p p l i c a t i o n s	2003		70	10
	2004	2	236	5
	2005	3	185	10
	2006	34	629	27
	2007	66	828	1
	2008	260	801	10
	2009	227	742	19
	2010	529	960	108
	2011	905	474	239
	2012	1,730	553	506
2013	2,166	371	713	

# 更多專利管理的利器

- 查看詳細專利資訊
- 筆記管理
- 分析專利組合
- SEP必要性指標
- 專利有效性分析

## 你所需要的專利的所有信息都在一個頁面上。

想查看專利的全文或標準必要專利的ETSI聲明？點擊任何專利列表中的任何專利號，就可以立即訪問該專利資訊，包括：

- 全文
- 簡單專利家族
- 擴展專利家族
- 引證資訊
- 歷史
- 訴訟
- 標準必要專利宣告
- 原始文件

<input type="checkbox"/>	#	<input type="checkbox"/>	Patent No.	Title	Appl. Date	Appl. No.	Pub./Issue Da
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<a href="#">US7868328B2</a>	Semiconductor device having antenna o...	2009-01-29	12/362462	2011-01-11
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<a href="#">US7969007B2</a>	Semiconductor device and manufacturi...	2008-04-29	12/111383	2011-06-28
<input checked="" type="checkbox"/>	3	<input type="checkbox"/>	<a href="#">US10388538B2</a>	Semiconductor device and manufacturi...	2016-10-24	15/332198	2019-08-20
<input type="checkbox"/>	4	<input type="checkbox"/>	<a href="#">US6503090B1</a>	Semiconductor device manufacturing m...	1999-12-14	09/460415	2003-01-07

Patentcloud
Project\_20220330\_1 7

**US10388538B2** Active

Quality: D Value: B Risk Rel...

**Semiconductor device and manufacturing method thereof**

Full Text
Simple Family
Extended Family
Citations
History
Original Document

**Abstract** (Other language versions are not available.)

An object of the present invention to provide a highly reliable semiconductor device. Another object is to provide a manufacturing method of a highly reliable semiconductor device. Still another object is to provide a semiconductor device having low power consumption. Yet another object is to provide a manufacturing method of a semiconductor device having low power consumption. Furthermore, another object is to provide a semiconductor device which can be manufactured with high mass productivity. Another object is to provide a manufacturing method of a semiconductor device which can be manufactured with high mass productivity. An impurity remaining in an oxide semiconductor layer is removed so that the oxide semiconductor layer is purified to have an extremely high purity. Specifically, after adding a halogen element into the oxide semiconductor layer, heat treatment is performed to remove an impurity from the oxide semiconductor layer. The halogen element is preferably fluorine.

**Bibliography**

**Earliest Priority :** 2010-03-05  
**Earliest Appl. :** 2011-02-25  
**Legal Status :** Estimated Exp. Date: 2031-02-25. 20 years from filing date  
 2011-02-25 of 13/034726 Last Updated On 2022-03-09  
**Curr. Assignee :** [SEMICONDUCTOR ENERGY LABORATORY CO LTD](#) 2019-09-23  
**Assignee (Std) :** [SEMICONDUCTOR ENERGY LABORATORY CO LTD](#)  
 [+Orig. Assignee]  
**Patent Family :** 15 Members( [Family\\_ID : 44530525](#) )

**Figure (23)**

更多專利資訊頁的工具使用 說明: [螢光筆](#), [比對](#), [筆記](#), [標籤](#), [加入專案](#), [轉送至](#)。

## 全文

查看專利的基本信息，如標題、摘要、法律狀態、說明書、質量和價值指標、書目、圖示和權利項。

**US8996003B2** Active

Quality: A Value: A Risk: Pat.

**顯示/隱藏搜尋結果頁或 Patent Vault 中設置的標籤。**

**Method, terminal, and system for cell reselection**

Full Text Simple Family Extended Family Citations History SEP Declarations Litigation Original Document

**Abstract** (Other language versions are not available.)

A method, terminal, system and computer readable medium for cell reselection are disclosed. When in a cell of a Long Term Evolution (LTE) system, the terminal receives a message from the LTE system. The message includes a dedicated priority list for the cell reselection. When the terminal camps on a cell of a non-LTE system, the terminal performs inter-system cell reselection in accordance with the dedicated priority list before a valid time of the dedicated priority list expires. With the disclosed method, terminal and system, the problems of establishing a dedicated priority list causes too much increased signaling and too high costs for network update in the prior art when perform inter-system cell (re)selection are effectively resolved.

**點擊鏈接會引導你進入查詢的搜尋結果頁面。**

**Figure (4)**

**擊圖示查看大圖。**

**Specification** (Other language versions are not available.)

BRIEF DESCRIPTION OF THE

**Claim** (Other language versions are not available.)

20 Claims | 2 Independent Claims

1. A method, comprising: a computer program code including executable instructions, which, when executed by a terminal device, cause the terminal device to perform a method for cell reselection as follows: when in a cell of a Long Term Evolution (LTE) system, a message including a dedicated priority list from the LTE system; and when the terminal device camps on a cell of a non-LTE system, the cell reselection is performed according to the dedicated priority list before a valid time of the dedicated priority list expires.

**可切換檢視：**

- 獨立請求項
- 請求項樹狀圖
- 請求項清單

15. Claim# 15

An apparatus comprising: a non-transitory storage medium including executable instructions; and a processor; wherein the executable instructions, when executed by the processor, cause the apparatus to: receive, when in a cell of a Long Term Evolution (LTE) system, a message including a dedicated priority list from the LTE system; and perform, when camping on a cell of a non-

This application is a continuation of U.S. patent application Ser. No. 13/072,494, filed on Nov. 8, 2012, which is a continuation of U.S. patent application Ser. No. 12/902,933, filed on Oct. 12, 2010, and issued on Apr. 2, 2013 as U.S. Pat. No. 8,412,197, which in turn is a continuation of International Patent Application No. PCT/CN2009/071194, filed on Apr. 8, 2009. The International Patent Application claims priority to Chinese Patent Application No. 200810091957.6, filed on Apr. 9, 2008. The aforementioned patent applications and patent are hereby incorporated by reference in their entireties.

[0002]

This application is related to U.S. Pat. No. 8,041,355, filed on Nov. 29, 2010, and issued on Oct. 18, 2011, and U.S. Pat. No. 8,185,111, filed on Oct. 10, 2011, and issued on May 22, 2012.

**FIELD OF THE INVENTION**

[0003]

The invention relates to a field of mobile communications, and more particularly, to a method, terminal, and system for cell reselection.

**BACKGROUND**

[0004]

With developments in the mobile communication field, various mobile communication



更多專利資訊頁的工具使用說明：[螢光筆](#)，[比對](#)，[筆記](#)，[標籤](#)，[加入專案](#)，[轉送至](#)。

## 簡單專利家族

該專利的簡單家族\*成員清單。成員之專利申請優先權均相同 (同一專利, 不同申請國家)。

使用清單模式的搜尋欄篩選和家族 ID、專利號、名稱、申請號、申請日、最早優先權日、法律狀態相關的資訊。

**US8904289B2** Active

Quality : B Value : AAA Risk Rel...

**Play control of content on a display device**

Full Text **Simple Family** Extended Family Citations History Litigation Original Document

Simple Family : 13

	#	Patent No.	Title	Legal Status	Appl. Date	Appl. No.	Earliest Priority	Family ID
<input type="checkbox"/>	1	<a href="#">KR1020140051850A</a>	PLAY CONTROL OF CONTENT ON A DISPLAY ...	Abandoned Appl.	2012-04-12	1020137030600	2011-04-21	<a href="#">47022227</a>
<input checked="" type="checkbox"/>	2	<a href="#">US8904289B2</a>	Play control of content on a display device	Active	2011-06-10	13/157821	2011-04-21	<a href="#">47022227</a>
<input checked="" type="checkbox"/>	3	<a href="#">US8782528B2</a>	Play control of content on a display device	Active	2013-01-08	13/736590	2011-04-21	<a href="#">47022227</a>
<input type="checkbox"/>	4	<a href="#">WO2012/145227A1</a>	PLAY CONTROL OF CONTENT ON A DISPLAY ...	PCT End - NP	2012-04-12	PCT/US2012/033314	2011-04-21	<a href="#">47022227</a>
<input type="checkbox"/>	5	<a href="#">CN103748531A</a>	Play control of content on a display device	Abandoned Appl.	2012-04-12	201280030724.X	2011-04-21	<a href="#">47022227</a>
<input type="checkbox"/>	6	<a href="#">CA2833970A1</a>	PLAY CONTROL OF CONTENT ON A DISPLAY ...	Abandoned Appl.	2012-04-12	20122833970	2011-04-21	<a href="#">47022227</a>

家族樹狀圖模式 提供視覺化的圖表讓您在瀏覽專利局和申請的時間進程時一目瞭然。

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Simple Family : 13

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**US8782528B2**  
Play control of content on a display device  
Active

Abstract

A system for presenting and controlling content on a display device includes a network, a server system coupled to the network and comprising one or more servers, a display device coupled to the network and having a display, and a personal computing device operable to transmit a first message according to a specified format over the network to the server system. The server system stores an association between the user-selected content and a media player to be used to play the content. The server system is operable, in response to receiving the first message from the personal computing device, to provide to the display device a second message identifying the user-selected content and the media player to play the content. In response to receiving the second message, the display device is operable to obtain a first media player needed to play the content, to load the media player and to present the content on the display.

點擊預覽窗口上的專利號, 在新標籤頁中打開其專利資訊頁。

將滑鼠移到專利上便可以看到標題、法律狀態、摘要、書面資料和圖示。點選專利號碼您便可以在新頁面檢視專利資訊。

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家族樹狀圖模式 工具

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點擊 **設定** 選擇欲顯示的欄位。

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**US8904289B2** Active

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2011

BR  
AU

2012

AU2012245767A1

2012-04-12

Abandoned Appl.

SG194565A1

2012-04-12

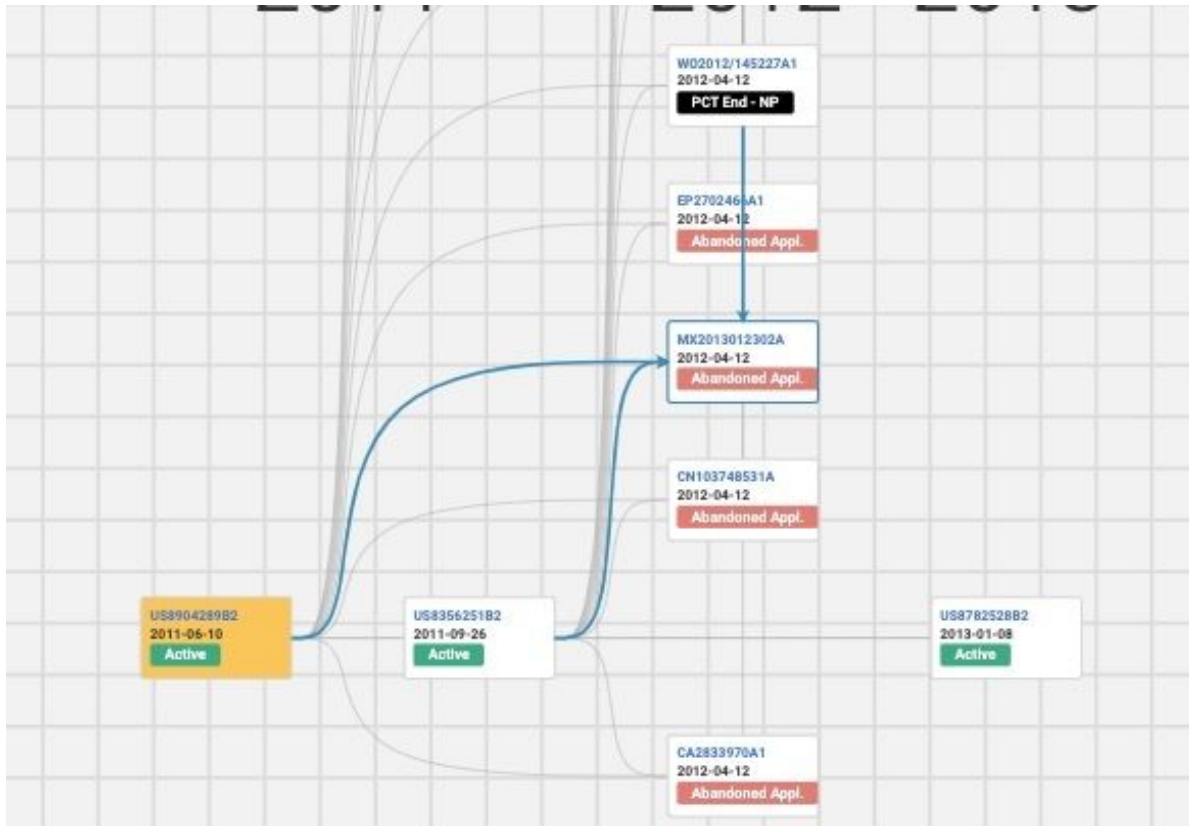
Pending

2013

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## 簡單專利家族- 家族樹狀圖模式

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## 擴展專利家族

擴展專利家族包含與 [簡單專利家族](#) 相同工具。

**US8904289B2** Active

Quality: B    Value: AAA    Risk    Rel...

**Play control of content on a display device**

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**Extended Family : 19** ☰ 🔍

		#	Patent No.	Title	Legal Status	Appl. Date	Appl. No.	Earliest Priority	Family ID
<span style="color: #28a745;">+</span>	<input type="checkbox"/>	1	<a href="#">US8904289B2</a>	Play control of content on a display device	Active	2011-06-10	13/157821	2011-04-21	<a href="#">47022227</a>
<span style="color: #28a745;">+</span>	<input type="checkbox"/>	2	<a href="#">US8356251B2</a>	Play control of content on a display device	Active	2011-09-26	13/245001	2011-04-21	<a href="#">47022227</a>
	<input type="checkbox"/>	3	<a href="#">AU2012245767A1</a>	Play control of content on a display device	Abandoned Appl.	2012-04-12	20120245767	2011-04-21	<a href="#">47022227</a>
	<input type="checkbox"/>	4	<a href="#">BR112013027106A2</a>	controle de reprodução de conteúdo em um di...	Abandoned Appl.	2012-04-12	20131127106	2011-04-21	<a href="#">47022227</a>
	<input type="checkbox"/>	5	<a href="#">CA2833970A1</a>	PLAY CONTROL OF CONTENT ON A DISPLAY ...	Abandoned Appl.	2012-04-12	20122833970	2011-04-21	<a href="#">47022227</a>
	<input type="checkbox"/>	6	<a href="#">CN103748531A</a>	Play control of content on a display device	Abandoned Appl.	2012-04-12	201280030724 X	2011-04-21	<a href="#">47022227</a>

\* 擴展專利家族是使用來自EPO IPADOC的擴展家族號。

若專利權人申請的專利技術相似，即會歸類為擴展家族成員，所以擴展家族成員可能會有不同的優先權日。

## 引證資訊

指與當前專利申請相關的先前專利 (或前案) 的參考。有兩種不同類型引證:「被引證 (forward)」和「引證 (backward)」。「引證」是此專利申請審查所引用的專利, 而「被引證」則是引用此專利的後來專利。

**US8904289B2** Active

Quality: B Value: AAA Risk Rel...

**Play control of content on a display device**

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^ **Forward (Referenced By) : 78**

#	Patent No.	Title	Appl. Date	Appl. No.	Assignee (Std)	Earliest Priority	Family ID
1	<a href="#">US20170353506A1</a>	DYNAMICALLY ENABLING USER DEVICE ...	2017-08-22	15/683338	GUEST TEK INTERACTIVE E...	2012-06-22	49775366
2	<a href="#">US20190129587A1</a>	GENERATING A PLAYLIST BASED ON CO...	2018-12-24	16/231809	LEAF GROUP LTD	2013-05-14	51896839
3	<a href="#">US9038908B2*</a>	Methods and systems for optimizing visu...	2013-04-10	13/860296	XEROX CORP	2013-04-10	51686563
4	<a href="#">CN105264902A*</a>	System for universal remote media contr...	2014-05-08	201480027596.2	GOOGLE LLC	2013-05-14	51896838
5	<a href="#">CN105264902B*</a>	用于多用户、多平台、多设备环境中的通...	2014-05-08	201480027596.2	GOOGLE LLC	2013-05-14	51896838

^ **Backward (References Cited) : 284**

#	Patent No.	Title	Appl. Date	Appl. No.	Assignee (Std)	Earliest Priority	Family ID
1	<a href="#">US20090094331A1</a>	INFORMATION PROCESSING UNIT, CON...	2008-09-26	12/238701	NOBORI FUJIO	+2 2007-10-05	40524247
2	<a href="#">US20020120666A1</a>	Apparatus and accompanying methods ...	2001-09-13	09/950963	LANDSMAN RICK W	+1 1998-05-15	26763158
3	<a href="#">US20040268451A1</a>	Graphical user interface for browsing, se...	2004-04-26	10/832984	APPLE INC	2003-04-25	33425176
4	<a href="#">US8553646B2</a>	Employing physical location geo-spatial ...	2009-08-10	12/538407	AT&T INTELLECTUAL PROP...	2009-08-10	43534791
5	<a href="#">US7835505B2</a>	Phone-to-monitor connection device	2005-05-13	11/129675	MICROSOFT CORP	2005-05-13	37420694

^ **Non-Patent Literature : 25**

- \*Bing search q=mobile+server+television+control&q Jun. 26, 2014. cited by examiner .
- \*Bing search q=phone+server+television+control&qs Jun. 26, 2014. cited by examiner .
- \*Bing search q=phone+server+television+control+me Jun. 26, 2014. cited by examiner .
- \*Bing search q=mobile+server+television+control+m Jun. 26, 2014. cited by examiner .
- Ask Search Internet Search, session identifier random, printed on Nov. 19, 2011. cited by applicant .
- Webopedia computer dictionary, session cookie, printed on Nov. 19, 2011. cited by applicant .
- Webopedia computer dictionary, web identifier, printed on Nov. 19, 2011. cited by applicant .
- Webopedia computer dictionary, user session, printed on Nov. 19, 2011. cited by applicant .
- www.vbulletin.com, Best way to generate Random, Unique ID's, printed on Nov. 19, 2011. cited by applica

• No Available Data

\*Cited by Examiner

在搜索匡輸入“\*”查詢被審查委員引用的引證。

^ **Forward (Referenced By) : 10 of 78**

#	Patent No.	Title	Appl. Date	Appl. No.	Assignee (Std)	Earliest Priority	Family ID
1	<a href="#">US9038908B2*</a>	Methods and systems for optimizing visu...	2013-04-10	13/860296	XEROX CORP	2013-04-10	51686563
2	<a href="#">CN105264902A*</a>	System for universal remote media contr...	2014-05-08	201480027596.2	GOOGLE LLC	2013-05-14	51896838
3	<a href="#">CN105264902B*</a>	用于多用户、多平台、多设备环境中的通...	2014-05-08	201480027596.2	GOOGLE LLC	2013-05-14	51896838

## 歷史

專利「申請 (Pair)」、「轉讓數據」、「繳費記錄」、「期限調整 (PAIR)」、「審查歷程」和「INPADOC 法律狀態」等訊息。

Full Text   Simple Family   Extended Family   Citations   **History**   Litigation   Original Document

Application (PAIR)    Assignment Data    Fee Status    Patent Term Adjustment (PAIR)    Prosecution history    INPADOC Legal status

Assignment Data : 1

Reel/frame	Conveyance Type	Assignor	Execution Date	Assignee (Owner)
027688/0951	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	STROBER DAVID	2012-01-26	TOUCHSTREAM TECHNOLOGIES INC
Date recorded				Correspondent
2012-02-10				SAMUEL BORODACH

\* 轉讓數據分頁只列 US 和 CN 轉讓資訊。

## 標準必要專利宣告

經由 3GPP 認證並由 ETSI 公開的標準必要專利 (SEPs) 在全文頁面上會顯示「標準必要專利宣告」頁面，點擊查看 ISLD 號、技術規格、工作群組、無線技術、ETSI 專案、以及宣告公司等資訊。

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**ETSI SEP Declarations: 4** (Essentiality is evaluated based on all TS included in the declaration.)

^	ISLD-201908-012 (2019-08-14)	Low Essentiality				HUAWEI
<div style="display: flex; justify-content: space-between; align-items: center;"> <span>TS Relevancy : Low</span> <span>Claim Scope Support : Low</span> <span>Claim Bases : #1, #15</span> <span style="border: 1px solid orange; padding: 2px;">View Claim Chart</span> </div>						
<b>3GPP Specifications</b>		TS 38 304		<b>Release</b>		N/A
<b>Spec Title</b>		NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state		<b>Radio Tech</b>		5G
<b>Tech Body</b>		3GPP RAN2		<b>ETSI Project</b>		EVS_codec, New Core(NC), New Radio(NR)
v	ISLD-201810-041 (2018-10-23)	Low Essentiality				HUAWEI
v	ISLD-201203-013 (2012-01-09)	Low Essentiality				HUAWEI
v	ISLD-200910-005 (2009-10-15)	Low Essentiality				HUAWEI

在 *SEP OmniLytics*\* 查看該專利的請求項與它的技術規格是如何對應的。(點及此連結會導到 *SEP OmniLytics* 產品)

你也可以在 *SEP OmniLytics* 查看此 SEP 的必要性分析。

\*關於 [SEP OmniLytics](#).

## 訴訟

查看該專利是否有涉及訴訟，以及訴訟數量、案件、原告、被告、法官、以及涉訟專利等數據。

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Extended Family
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Litigation
Original Document

**US Litigations : 6** 🔍

▼ **2019-1498** ( Filing : 2019-02-01 ) | **Court of Appeals for the Federal Circuit**

▼ **2019-1497** ( Filing : 2019-02-01 ) ( Close : 2020-06-04 ) | **Court of Appeals for the Federal Circuit**

▼ **2019-1496** ( Filing : 2019-02-01 ) | **Court of Appeals for the Federal Circuit**

▲ **2018-1979** ( Filing : 2018-05-16 ) ( Close : 2019-03-27 ) | **Court of Appeals for the Federal Circuit**

Appellant	Appellee	Judge
Huawei Technologies Co., Ltd., HiSilicon Technologies Co., Ltd., Huawei Technologies USA, Inc., Huawei Device USA, Inc. [ + <a href="#">Law Firm &amp; Attorneys</a> ]	Samsung Research America, Samsung Electronic Co., LTD., Samsung Electronics America, Inc. [ + <a href="#">Law Firm &amp; Attorneys</a> ]	HUGHES, Prost, O'Malley

**Patents-in-Suit: 11**

#	Patent No.	Title	Legal Status	Appl. Date	Appl. No.	Family ID
1	<a href="#">US8812848B2</a>	Method, system and device for negotiating security capability when term...	Active	2014-01-03	14/147179	<a href="#">40421872</a>
2	<a href="#">US8812848B2</a>	Method and apparatus for negotiating security capability when term...	Active	2014-01-03	14/147179	<a href="#">40421872</a>

訴訟資訊的資料來源為 PTAB 官方數據，請見以下數據涵蓋範圍：

Jurisdiction	Filing Date (Start)
ITC	1972/04/04
PTAB	2012/09/16
District Court	1980/02/05
Court of Appeals for the Federal Circuit	1991/06/07
Supreme Court	2004/03/03

用 [Quality Insights](#) 做專利有效性分析

\*沒有訴訟紀錄的專利此頁會顯示為無資料。

## 原始文件

本專利原始PTO文件以PDF檔供檢視, 下載及列印。

Full Text Simple Family Extended Family Citations History SEP Declarations Litigation **Original Document**

US000008996003B220150331 1 / 12 90%






US008996003B2

(12) **United States Patent**  
**Roberts et al.**

(10) **Patent No.:** US 8,996,003 B2  
 (45) **Date of Patent:** \*Mar. 31, 2015

(54) **METHOD, TERMINAL, AND SYSTEM FOR CELL RESELECTION** USPC ..... 455/435.3; 455/436; 455/411; 455/449; 370/252

(71) Applicant: **Huawei Technologies Co., Ltd.**, Shenzhen, Guangdong (CN) (58) **Field of Classification Search**  
 CPC .. H04W 36/0055; H04W 48/18; H04W 36/00  
 USPC ..... 455/435.3, 436, 449, 452.1, 434, 510, 455/411; 370/252, 449, 398; 345/501  
 See application file for complete search history.

(72) Inventors: **Michael Roberts**, Stockholm (SE);  
**Johan Johansson**, Stockholm (SE);  
**Boyun Xie**, Xi'an (CN); **Min Huang**, Shanghai (CN) (56) **References Cited**

(73) Assignee: **Huawei Technologies Co., Ltd.**, Shenzhen (CN) U.S. PATENT DOCUMENTS  
 8,041,355 B2 10/2011 Roberts et al.  
 8,185,111 B2 5/2012 Roberts et al.  
 (Continued)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days. FOREIGN PATENT DOCUMENTS  
 AL 2111074 A1 12/2009  
 CN 1675957 A 9/2005  
 (Continued)

(21) Appl. No.: **14/135,045**

## 筆記



Patentcloud的專利資訊頁與 *Patent Vault* 提供強大的筆記管理功能，利用撰寫及編輯筆記幫助您更有效率的管理專案。

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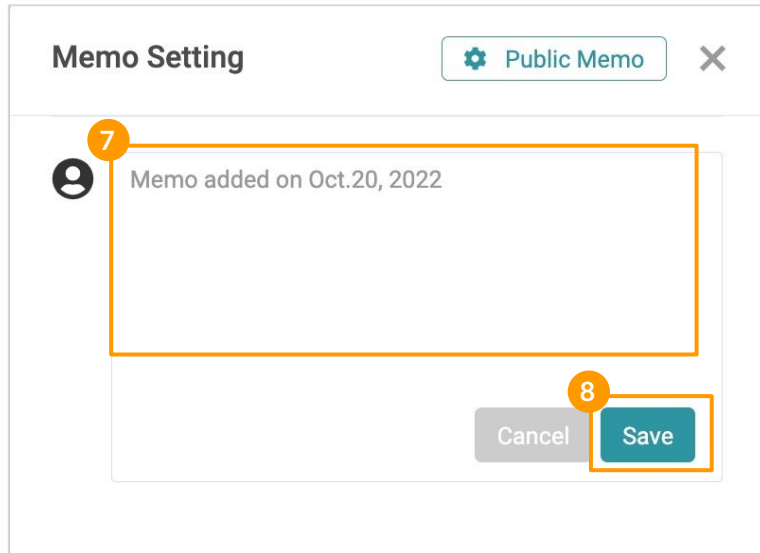
2. 選擇專利文中的任何單字、句子或段落
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## 筆記



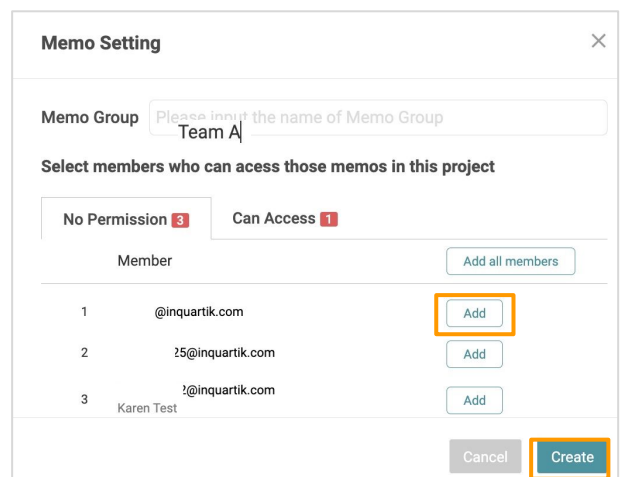
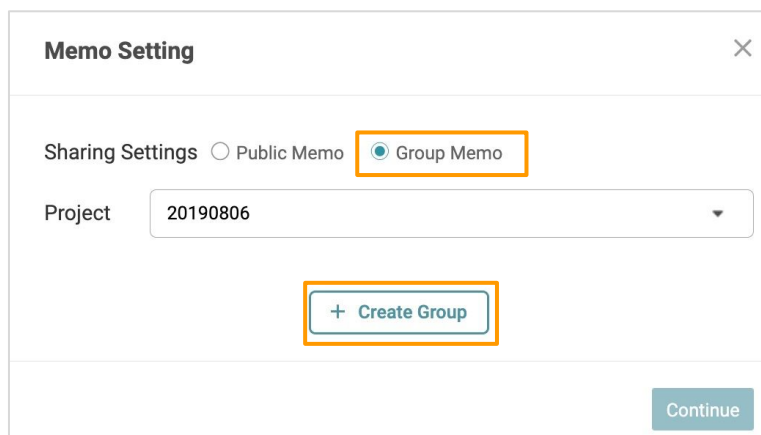
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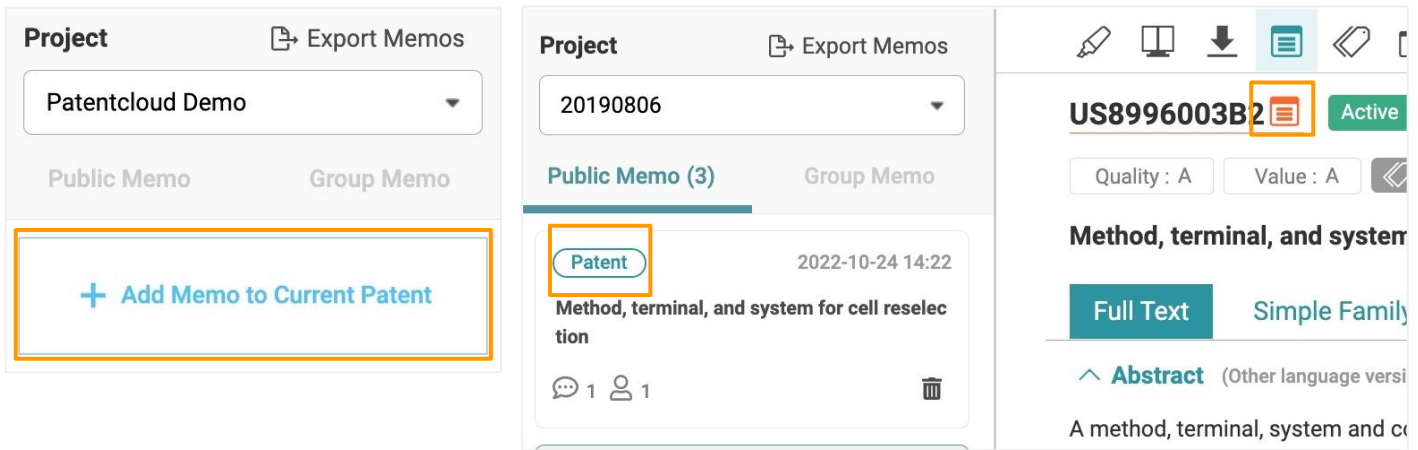


## 筆記



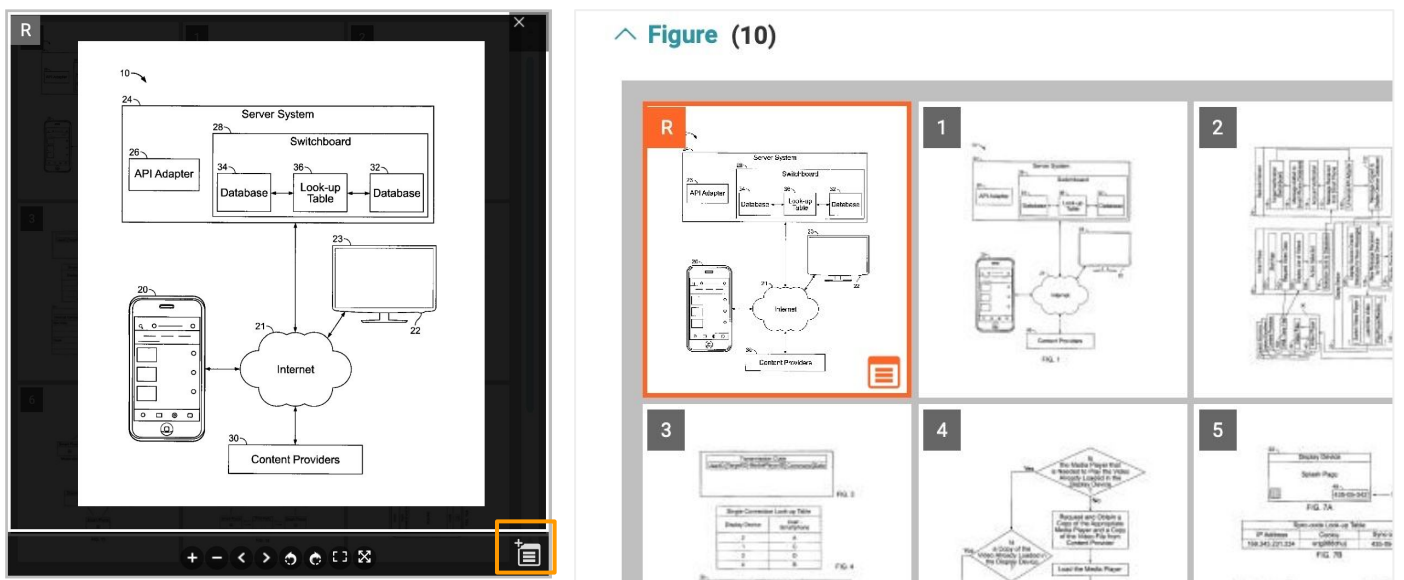
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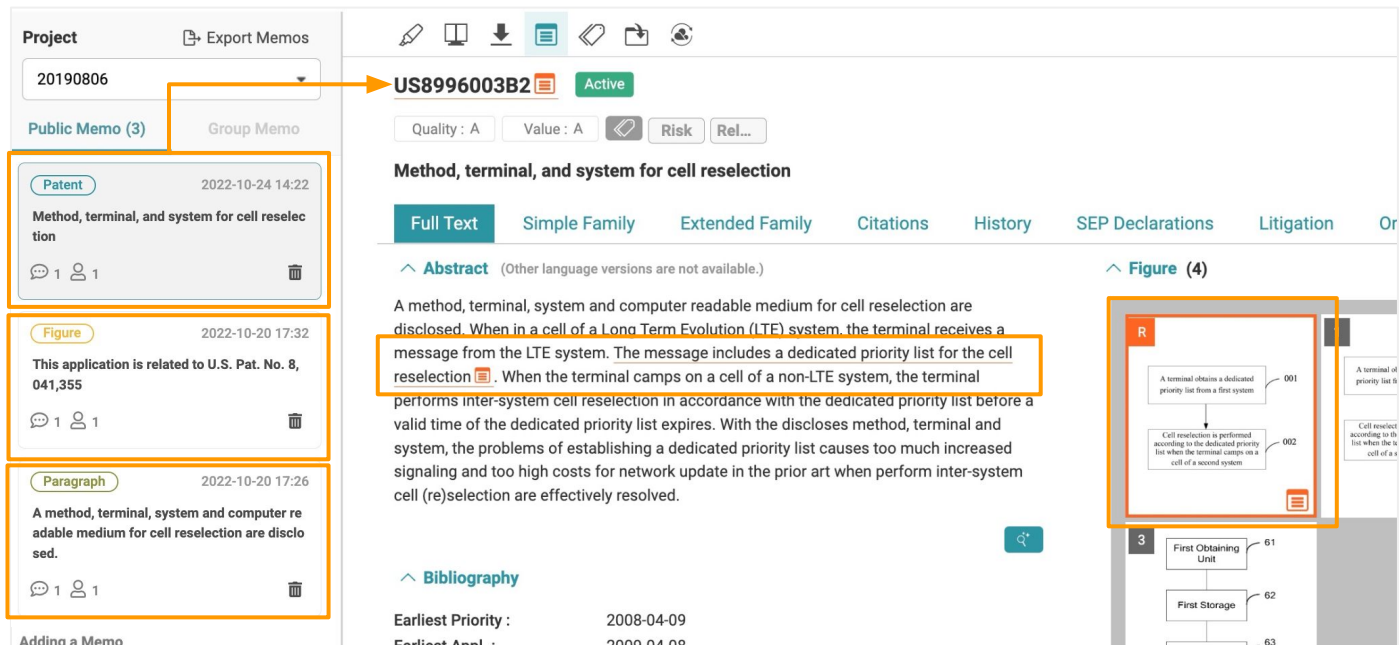
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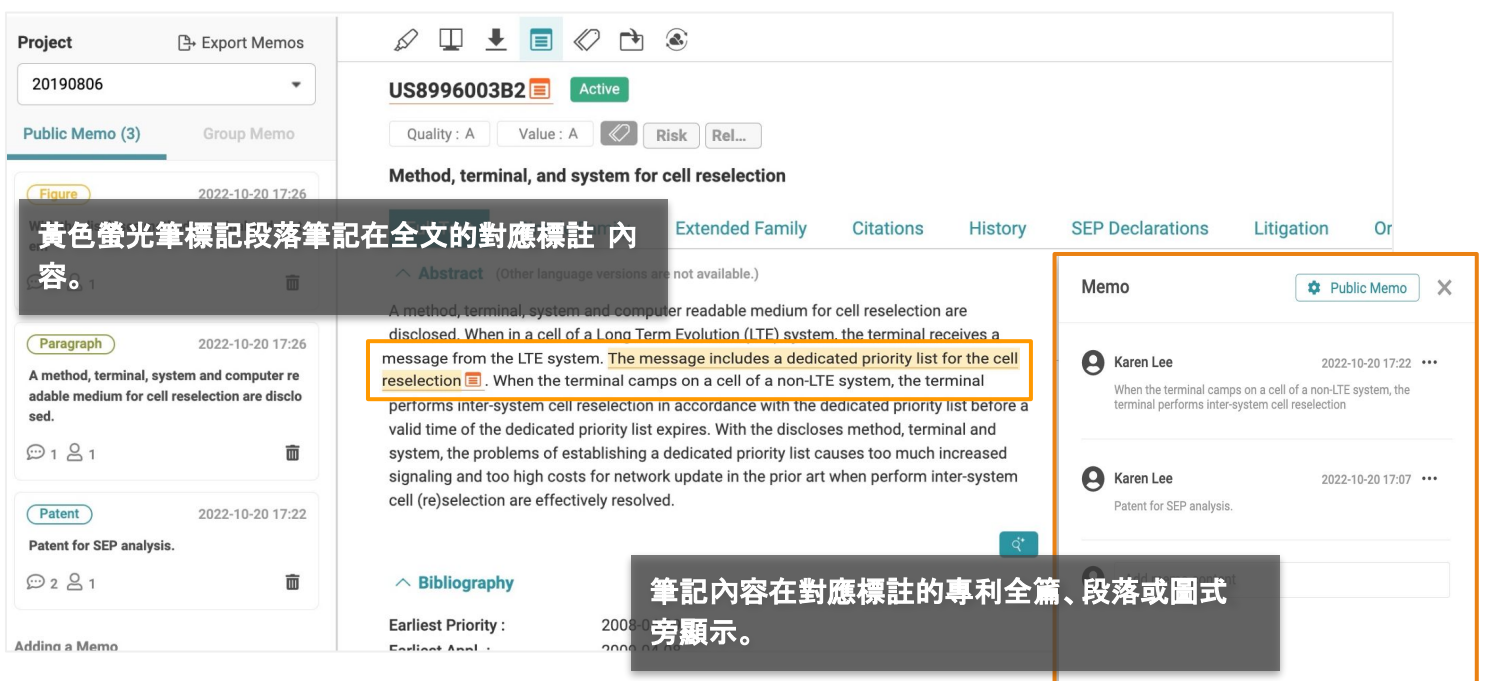
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Patent No.	Quotation	Comments	Comment Date	Location
US8996003B2	"US8996003B2"	Method, terminal, and system for cell reselection	2022-10-24 14:22	Patent
	"Fig.1"	This application is related to U.S. Pat. No. 8,041,355	2022-10-20 17:32	Figure
		A method, terminal, system and computer readable medium for cell reselection are disclosed.	2022-10-20 17:26	Paragraph

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- 識別筆記類型（專利全篇、段落、圖式）以及存儲在其中的特定文字或圖式
- 共享筆記可依照您建立或留言的筆記做篩選
- 輕鬆刪除不需要的筆記

# 解析標準必要專利本質 – SEP OmniLytics



## 評估標準必要專利的必要性

SEP OmniLytics 提供針對 ETSI 標準必要專利宣告資訊帶給你豐富洞察和珍貴情報的 5G 標準必要專利宣告資料庫。

**Claim Chart Summary**  
Which independent claims are essential? Click the links below to view the corresponding Claim Chart.

Evaluation Basis: Version info. in the SEP declaration

EP3952518A1 vs ISLD-202008-017 includes TS 38 211 (16.2.0) | TS 38 213 (16.2.0) | TS 38 331 (16.1.0)

Essentiality Rank	TS Relevancy	Claim Scope Support
Medium	High	Medium
Claims #	TS Relevancy	Claim Scope Support
<b>Claims # 1</b>	<b>High</b>	<b>Medium</b>
Claims #1.01	N/A – Insufficient for evaluation	N/A – Insufficient for evaluation
Claims #1.02	High	Partial
Claims #1.03	High	High
Claims #1.04	High	High
Claims #1.05	High	High
<b>Claims # 13</b>	<b>High</b>	<b>Medium</b>
<b>Claims # 14</b>	<b>High</b>	<b>Medium</b>

**Claims #1**  
Apparatus (10) comprising means for:- obtaining (201) a resource configuration for a control channel carrying control data; - obtaining (201) information indicating a transmission period for a repeated transmission of said control data on said control channel; - obtaining (201) a transmission configuration data defining one or more transmission states for said resource configuration; - obtaining (202) monitoring information indicating one or more monitoring occasions associated with said resource configuration; and - monitoring (206 - 211) said control channel for control data on said monitoring occasions by using a mapping scheme between at least one of said one or more transmission states and said monitoring occasions within said transmission period.

SEP OmniLytics 的自動化請求項對照表只需一次點擊，就能直接看到請求項與 3GPP 技術規格的對應關係以迅速了解 SEP 組合或特定 SEP 的整體必要性，以解讀那些需要進一步專家分析的標準必要專利。

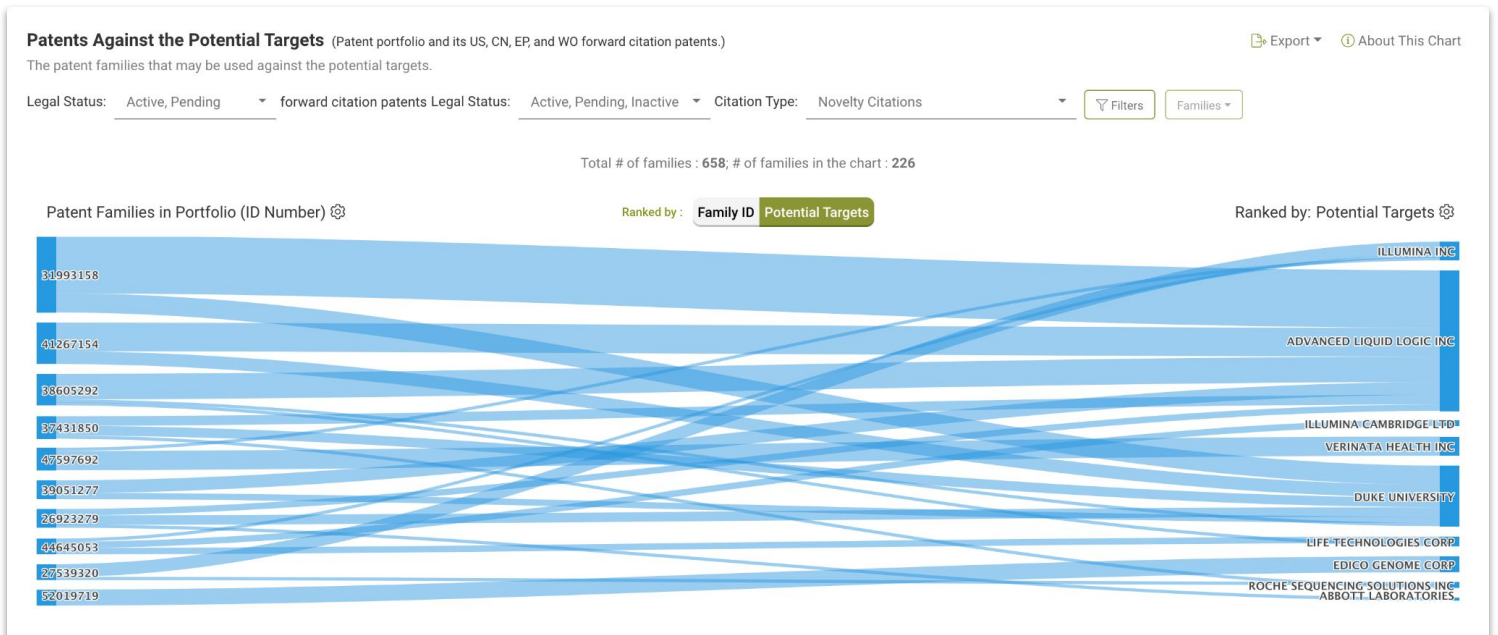
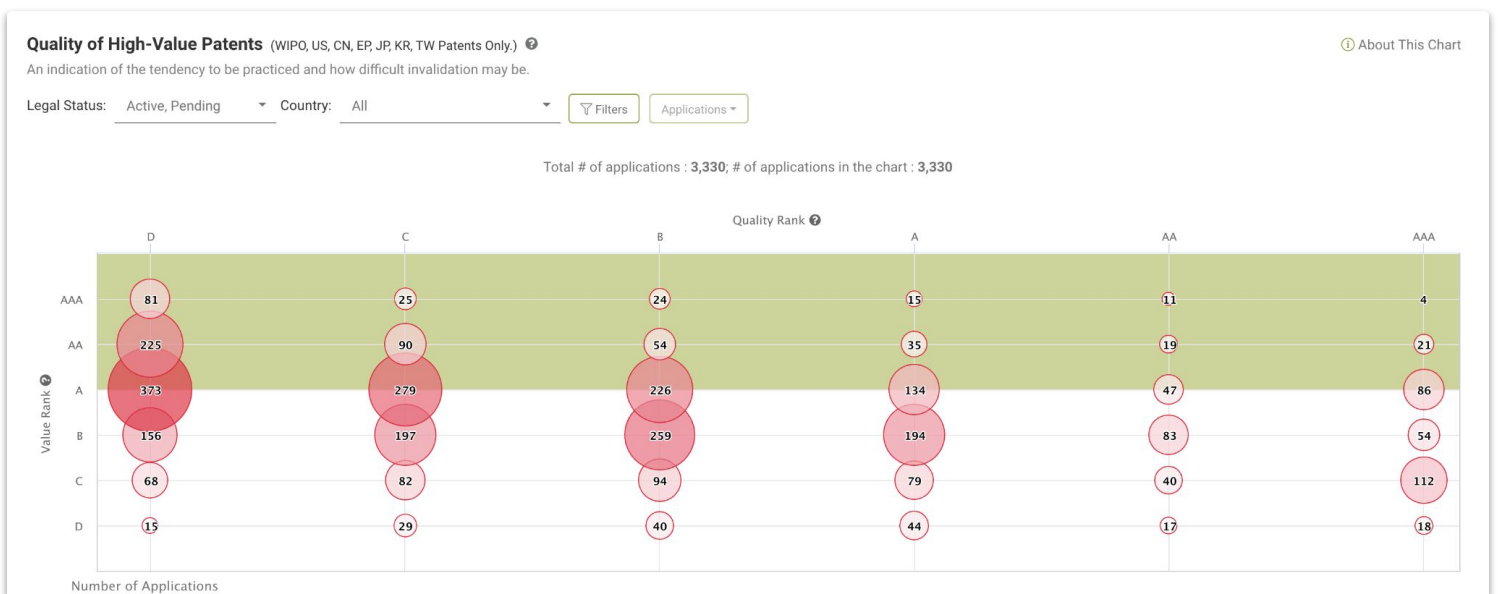
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View a patent portfolio's:

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- Transaction and litigation history
- Technology fields
- Quality and value assessment
- Potential monetization/litigation targets

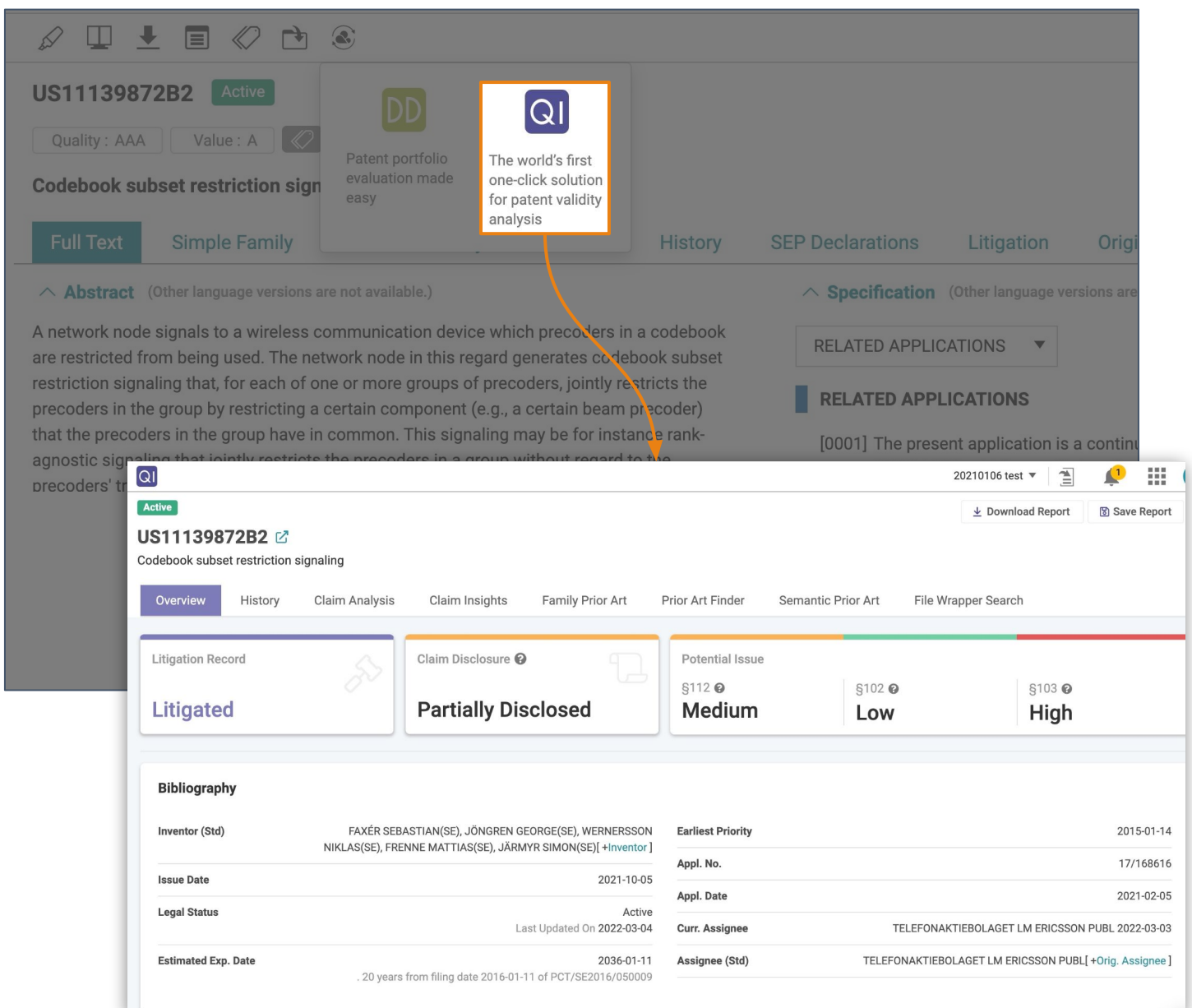


Everything you need to know about a patent portfolio and for future utilization!

## 洞察專利有效性

[Quality Insights](#) 可一鍵式洞察專利品質、專案審查紀錄和多方複審(IPR) 細節，請求項範圍和潛在在前案來進行有效性分析洞察專利品質。

只要從專利清單頁上方選擇傳送至Quality Insights 即可開啟專利 Quality Insights 報告。



The screenshot displays the Quality Insights interface for patent US11139872B2. The top section shows the patent title, quality indicators (Quality: AAA, Value: A), and a 'DD' icon. A callout box highlights the 'Quality Insights' logo with the text: 'The world's first one-click solution for patent validity analysis'. Below this, there are tabs for 'Full Text', 'Simple Family', 'History', 'SEP Declarations', 'Litigation', and 'Originals'. The main content area is divided into 'Abstract' and 'Specification' sections. The 'Abstract' section contains text about network node signaling. The 'Specification' section includes a 'RELATED APPLICATIONS' dropdown menu. Below the main content, there is a 'Litigation Record' section with a 'Litigated' status, a 'Claim Disclosure' section with a 'Partially Disclosed' status, and a 'Potential Issue' section with three categories: 'Medium' (§112), 'Low' (§102), and 'High' (§103). The bottom section is titled 'Bibliography' and contains a table of patent information.

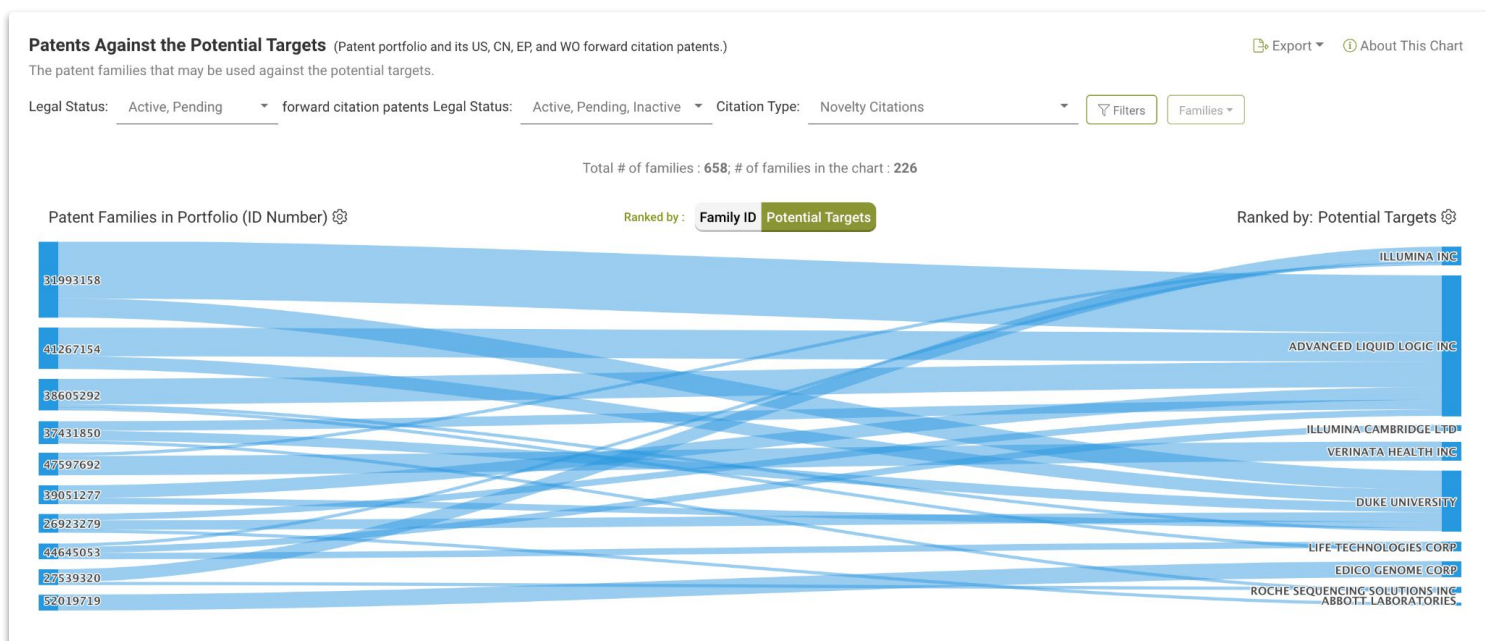
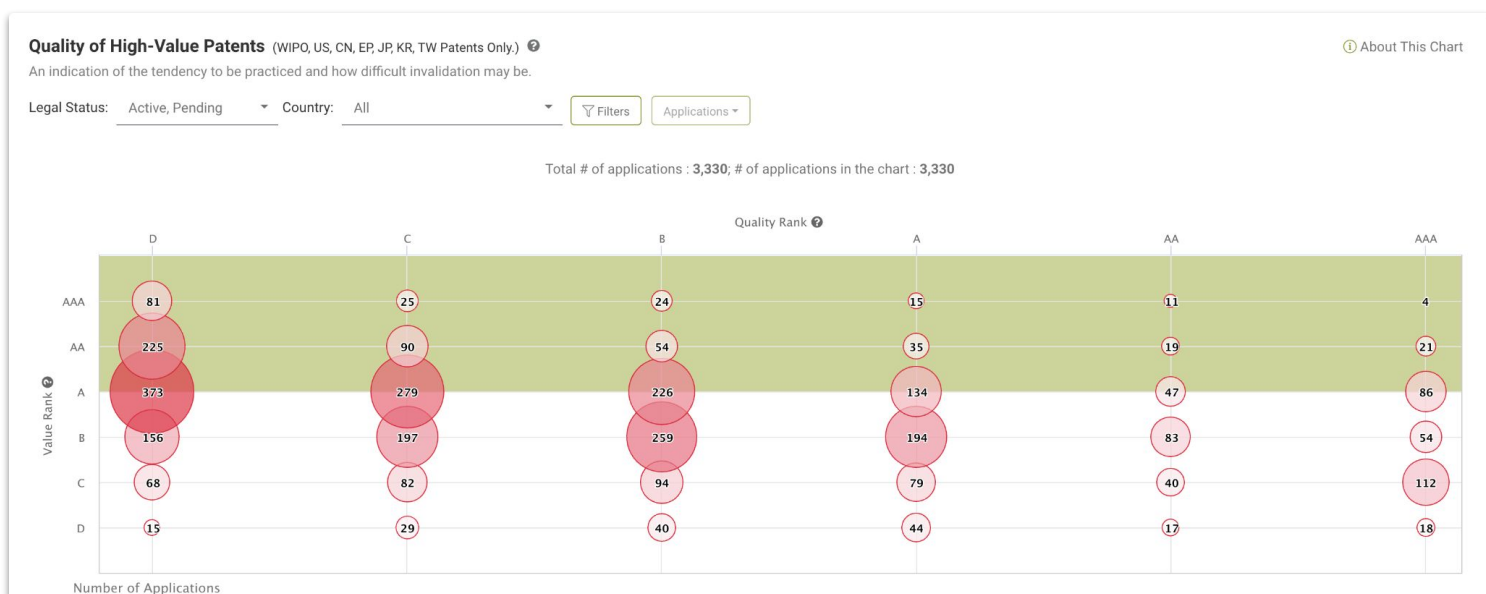
Field	Value
Inventor (Std)	FAXÉR SEBASTIAN(SE), JÖNGREN GEORGE(SE), WERNERSSON NIKLAS(SE), FRENNE MATTIAS(SE), JÄRMYR SIMON(SE) [ +Inventor ]
Earliest Priority	2015-01-14
Appl. No.	17/168616
Appl. Date	2021-02-05
Curr. Assignee	TELEFONAKTIEBOLAGET LM ERICSSON PUBL 2022-03-03
Assignee (Std)	TELEFONAKTIEBOLAGET LM ERICSSON PUBL [ +Orig. Assignee ]
Issue Date	2021-10-05
Legal Status	Active Last Updated On 2022-03-04
Estimated Exp. Date	2036-01-11 . 20 years from filing date 2016-01-11 of PCT/SE2016/050009

# Due Diligence – 專利組合分析



## 使用 *Due Diligence*, 洞悉您的專利組合：

- 全球佈局、法律狀態、專利所有權狀態
- 交易與訴訟歷史
- 技術領域分佈
- 品質價值評估
- 潛在貨幣化與訴訟對象



任何需要專利盡職調查的任務 *Due Diligence* 皆能有效處理！

# 附錄



## 法律狀態

### 法律狀態涵蓋區域 (65個區域)

CN, JP, US, EP, KR\*, WO\*, AE, AM, AP, AT\*, AU\*, BE\*, BG, BR\*, BY, CA\*, CH, CZ\*, DE\*, DK\*, DZ, EC, EG, EM, ES\*, FI\*, FR\*, GB\*, GC, GR\*, HK\*, HN, HU\*, ID, IL\*, IN, IT\*, KE, MC\*, MN, MO, MT, MW, MX\*, MY, NL\*, NO\*, NZ\*, OA, PA, PH\*, PL\*, PT\*, RU\*, SA, SE\*, SG, SM, TH, TJ, TW\*, UA, VN, ZM, ZW

● 來自當地專利局(11)

\*來自INPADOC (31)

## 當前專利權人

### 當前專利權人 (24個區域)

CN, JP, US, EP, WO, AT, AU, BE, BR, CH, DE, ES, FI, FR, GB, HK, HU, IL, MX, NL, NO, NZ, PL, PT, TW

● 來自當地專利局 (5)

#### Patentcloud如何解析當前專利權人的數據

對於每個不同的司法管轄區，當前所有者資訊的收集和確定方法如下：

**US** - 從USPTO的轉讓資料庫收集數據，然後與不同轉讓類型（如轉讓、合併和更名）的原始專利權人數據合併。

**CN** - 原始專利權人數據從CNIPA的法律狀態資料庫中收集並合併，以考慮轉讓、合併和更名事件。

**JP/TW**- 從JPO/TIPO收集和整合。

**EP和其他**--從INPADOC事件中收集與轉讓、合併和改名資訊合併。

關於Patentcloud的資料涵蓋範圍、法律狀態和專利交易的更多細節，請查看[資料完整性與即時性](#)頁面。

# Thank You!

If you have any questions, please [contact us!](#)

