

# Derwent Innovations Index<sup>SM</sup>

使用手冊

超越檢索  
分析－管理－發現

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# Derwent Innovations Index<sup>SM</sup> 5.0

## —— 權威專利情報資源 推動科技創新

Derwent Innovations Index 5.0 將 Derwent World Patents Index® 和 Patents Citation Index 有機地整合在一起，用戶不僅可以透過它檢索專利資訊，也可以透過這個資料庫檢索到專利的引用情況。使用者還可以利用 Derwent Chemistry Resources 展開化學結構檢索。同時，透過專利間引用與被引用關係可以幫助使用者迅速追蹤技術的最新進展；更可以利用其與 ISI Web of Science 的連結，深入理解基礎研究與應用技術的互動與發展，進一步推動研究朝向應用面。

此資料庫收錄了來自42個專利機構授權的1460多萬項基本發明，3000多萬筆專利。每周更新並回溯至1963年，為研究人員提供全世界的化學、電子與電氣以及工程技術領域內綜合全面的發明資訊，是檢索全球專利最權威的資料庫。

### 特點

- 以專利權屬人、專利發明人、主題詞為簡單的檢索入口，快速獲取基本資訊，以節省時間。
- 輔助檢索工具幫助您迅速找到相關的手工代碼（Derwent Manual Codes）和分類代碼（Derwent Class Codes）並且透過點選滑鼠直接將對應的代碼添加到檢索欄中，直接進行檢索。
- Derwent 重新編寫的描述性標題與摘要，使您避免面對專利說明書原有摘要與標題的晦澀難懂，迅速瞭解專利的重點內容，很快判斷是否是自己所需的資料。
- Derwent 特有的深度索引，幫助您增加檢索的相關度，避免大量無關記錄的出現。
- 檢索結果列表中列有每筆專利對應的主要發明圖，可以幫您迅速看到專利的主要圖像資料。
- 電子郵件定題追蹤服務，幫您及時掌握行業內最新的專利申請情況。
- 檢索輔助工具可以幫助您迅速查找相關的 Derwent 專業索引項。

### 用途

- 對於圖書館研究館員、系主任、教職員工和學生——為他們提供了廣泛深入的技術資料，迅速掌握研究前提。
- 公司和政府圖書管理員——查閱本機構感興趣的行業領域內的熱門資訊，指導研發方向，幫助研究人員保護知識產權，並且密切關注競爭對手/國際機構的研究活動。
- 學術管理員——與相關研究領域內的公司建立夥伴關係，幫助學生獲得新產品研究資助，給予學校一部分專利收益，幫助招生辦公室錄取研究生，並且評估教授的研究績效。
- 研究人員——產生靈感和創新，作為期刊研究文獻的重要補充，保護知識產權，為獨立研究取得更多資助，並獲得認可。
- 執行管理——獲取本公司所在行業領域內的最新專利資訊，制定市場營銷/產品策略，協助研發確定方向和取得進展，並瞭解競爭者的研究活動和發展。

# Personalization 個人化服務

## Registration 註冊

註冊有許多好處。當您註冊後，您可以使用 Web of Knowledge 多項功能。您可以建立與儲存 email alert

- 檢索追蹤 Search Alerts
- 引文追蹤 Citation Alerts

您所能建立和使用的追蹤服務取決於您所在機構的訂購情況。

ISI Web of Knowledge<sup>SM</sup> Take the next step

Sign In | My EndNote Web | My ResearcherID | My Citation Alerts | My Journal List | My Saved Searches | Log Out | Help

All Databases | Select a Database | Derwent Innovations Index | Additional Resources

Search | Cited Patent Search | Compound Search | Advanced Search | Search History | Marked List (0)

Derwent Innovations Index<sup>SM</sup>

Search for:

Example: "sol gel" AND polymer\*

AND | Example: Von Oepen R or Oepen R V

AND | Example: EP797246 or US5723945-A

Add Another Field >>

Search Clear

Current Limits: [Change Limits and Settings]  
Timespan=All Years. Databases=Chemical Section; Electrical and Electronic Section; Engineering Section

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- Save and manage your references online with EndNote Web - freely available and fully integrated.
- Save and run searches
- Create alerts and RSS feeds
- Choose your start page
- Want to know more?

My ResearcherID

- What is ResearcherID?
- Sign In to ISI Web of Knowledge to get your ResearcherID.

註冊後您可以使用更多的服務

註冊並使用 alert 服務的最大好處可能在於您可以有效地利用 Thomson Scientific 的伺服器功能。無論您從哪兒登入系統，只要是在您所在單位許可的 IP 範圍內，都可以使用您的檢索服務，而不需記得這些檢索存在何處。

ISI Web of Knowledge<sup>SM</sup> Take the next step

Sign In | My EndNote Web | My Citation Alerts | My Journal List | My Saved Searches | Logout | Help

User Reg

To register, complete the fields below. Fields with an asterisk are required.

\* First Name: [ ]

\* Last Name: [ ]

Middle Initial: [ ]

\* Password: [ ]

Password Guidelines  
Must be 8 or more characters (no spaces) and contain:  
- at least 1 numeral: 0 - 9  
- at least 1 alpha character, case-sensitive  
- at least 1 symbol: ! @ # \$ % ^ \* ( ) ~ { } [ ] |  
Example: 1sun%moon

\* Retype Password: [ ]

\* E-mail Address: [ ]

\* Retype E-mail Address: [ ]

\* Primary Role/Title: Select...

\* Subject Area: Select...

Bibliographic Software Use: Select...

\* Opt in/Opt out:  Receive training materials, notifications, announcements, and other materials by e-mail.  
 Do not receive training materials, notifications, announcements, and other materials by e-mail.

Automatic Sign In:  Sign me in automatically.  
(Select this if you want to be signed in automatically each time you access ISI Web of Knowledge. This feature uses cookie technology.)  
 I am using a public computer or do not wish to be signed in automatically.  
(Users of public computers should select this option.)

Submit Registration Cancel

您需要輸入您的姓名、設立密碼、輸入電子郵件兩次、選擇角色、研究領域等資訊即可獲得更多服務。

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Already registered in EndNote Web®?

If you are already registered in EndNote Web, you do not have to register for ISI Web of Knowledge. Go to [isiknowledge.com](http://isiknowledge.com) to login using the same login credentials.

Did you know...?

By registering, you can take advantage of any of these ISI Web of Knowledge features:

- Citation Alerts
- Saved Searches
- Custom Journal Lists and Table of Contents Alerts
- Custom ISI Web of Knowledge start page
- EndNote Web

# Cross Search 跨庫檢索

透過跨庫檢索功能，可以同時檢索所有訂購的資料庫。

The screenshot shows the ISI Web of Knowledge search interface. At the top, there are navigation links: Sign In, My EndNote Web, My ResearcherID, My Citation Alerts, My Journal List, My Saved Searches, Log Out, and Help. The main header is "ISI Web of Knowledge" with the tagline "Take the next step". Below the header, there are four tabs: "All Databases", "Select a Database", "Derwent Innovations Index", and "Additional Resources". The "Select a Database" tab is active, and a blue arrow points to it from a callout box. Below the tabs, there are search fields for "Search", "Search History", "Mark", and "List (0)". The main search area has three rows of input fields, each with a dropdown menu for the search type (Topic, Author, Publication Name) and a search icon. Examples are provided for each: "oil spill\* AND 'North Sea'", "O'Brian C\* OR OBrian C\*", and "Cancer\* OR Journal of Cancer Research and Clinical Oncology". There are "Search" and "Clear" buttons, and a "Limit to:" dropdown set to "All Years". A callout box on the right says "點選 Web of Knowledge 頁面的 Select a Database 進入資料庫進行檢索。". Another callout box in the center says "同時檢索您已訂購的資料庫".

# Search 檢索

The screenshot shows the ISI Web of Knowledge search interface for the "Derwent Innovations Index". The navigation links at the top are the same as in the previous screenshot. The main header is "ISI Web of Knowledge" with the tagline "Take the next step". Below the header, there are four tabs: "All Databases", "Select a Database", "Derwent Innovations Index", and "Additional Resources". The "Derwent Innovations Index" tab is active. Below the tabs, there are search fields for "Search", "Cited Patent Search", "Compound Search", "Advanced Search", and "Search History". The "Search" field is circled in red. Below the tabs, there are three rows of input fields, each with a dropdown menu for the search type (Topic, Inventor, Patent Number) and a search icon. Examples are provided for each: "flat panel plasma display", "Von Oepen R or Oepen R V", and "EP797246 or US5723945-A". There are "Search" and "Clear" buttons. A callout box on the right says "例如：想查找有關平板等離子顯示器的相關專利，您可以在Topic 檢索方式中這樣輸入檢索式：flat panel plasma display".

## Truncation 切截

以下萬用字元可用於查詢檢索詞的變化形式：

\* – 可代表零個到多個字母

範例：Gene\*可檢索 Gene, Genes, General, Generation

? – 代表一個字母

範例：Car? 可檢索 Cars, Care

\$ – 代表零個或一個字母

範例：Cell\$可檢索 Cell, Cells, Cello

## 布林邏輯

以下這些邏輯運算元可用於組合檢索詞和檢索結果集合。在一個檢索式中出現多個運算元時，計算次序如下，可利用圓括號來提前運算優先順序。

**SAME**

**NOT**

**AND**

**OR**

SAME 表示它所連接的檢索詞出現在同一個句子中或者一個關鍵字片語裏。

檢索不分大小寫。

## 可供檢索的欄位

### 1. 專利權人 (Assignee) :

可檢索專利記錄中專利權人名稱 Patent Assignee Name(s) 和代碼 Code(s) 欄位

### 2. 發明人 (Inventor) :

可檢索專利記錄中發明人欄位。輸入方式為姓，後加名的首字母。當檢索發明人姓名時，建議使用星號 (\*) 以保證查全。

### 3. 專利號碼 (Patent Number) :

可檢索專利記錄中專利號碼欄位。您既可以輸入完整的專利號，也可以利用切截輸入部分專利號進行查找。

### 4. 國際專利分類號 (International Patent Classification) :

IPC 是由世界知識產權組織(WIPO)按照層級分類體系建立的分類號。該檢索欄位可對專利記錄中的IPC 資料進行檢索。輸入 G09G\* 可找到所有以 G09G 分類號開頭的專利。

### 5. Derwent 分類代碼 (Derwent Class Code) :

專利被劃分為 20 個大的學科領域或部分。這些類別被分為三組。化學 (A - M)，工程 (P - Q)，電子與 (S - X)。這 20 個部分被進一步細分成類別，每個類別包括部分的首字母及兩位元數字。例如，X22 是 Automotive Electrics 的分類代碼，而 C04 是 Chemical Fertilizers 的代碼。當分類代碼和其他檢索欄位如主題檢索等組合使用時，這些代碼可以幫您精確有效地把檢索結果限定在相關的學科領域。

### 6. Derwent 手工代碼 (Derwent Manual Code) :

手工代碼是由 Derwent 的專業人員為專利標引的代碼。代碼可用於顯示一個發明中的新穎技術特點以及其應用。利用手工代碼進行專利的檢索可顯著改進檢索的速度和準確性。輸入 H01-B\* 可找到石油/鑽井領域的專利記錄，輸入 H01-B01\* 可找到所有有關海上石油鑽探設備結構與儀器領域的專利。

### 7. Derwent 入藏登記號 (Derwent Primary Accession Numbers) :

可檢索專利記錄中的 Derwent 入藏登記號欄位。入藏號登記號 (PAN) 是由 Derwent 為每一個專利家族中的第一筆專利記錄指定的唯一識別號，也是該專利家族所指定的唯一編號。每個號碼的組成是一個四位數的年號，隨後是“-“，以及一個六位數的序列號。即 YYYY-NNNNNN 格式 (例如，1999-468964)。登記號後還有一個兩位數的更新號用以標示 Derwent 出版該專利文摘的日期。當使用切截檢索 PAN 號時，應將切截放在 9 位號碼之後。例如：1999-52791\* 可檢索到若干記錄，而 1999-5279\* 則檢索不到結果。

# Search Aids 檢索的輔助索引

在Assingee, Inventor, International Patent Classification, Derwent Class Code 和Derwent Manual Code 等檢索欄位中都提供了檢索輔助工具。這些輔助工具在一般檢索和進階檢索頁面均可使用。

ISI Web of Knowledge<sup>SM</sup> Take the next step

Sign in | My EndNote Web | My ResearcherID | My Citation Alerts | My Journal List | My Saved Searches | Log Out | Help

All Databases | Select a Database | Derwent Innovations Index | Additional Resources

Search | Cited Patent Search | Compound Search | Advanced Search | Search History | Marked List | Thomson Scientific Sales

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Search for:

in

*Example: Von Oepen R or Oepen R V*

AND  in

*Example: G06F-001/16*

AND  in

*Example: T04*

AND  in

*Example: T01-L02*

AND  in

*Example: XEROX CORP or XERO*

Add Another Field >>

**Attention Proxy Server Administrators:** Please click here for valuable information regarding proxy server access to the ISI Web of Knowledge.

**Discover Derwent Innovations Index**

Derwent Innovations Index provides access to more than 14,800,000 patents with links to cited and citing patents, cited articles, and full-text patent data sources.

- Want to know more?
- Training in multiple languages

**Derwent Innovations Index<sup>SM</sup>**

**Derwent Manual Codes**

Use the Find and Browse features to locate codes to add to your query.

Enter text to find a manual code.  
*Example: oil\* to find B04-B01C3 MINERAL OILS AND WAXES*

**Browse Derwent Manual Code Hierarchy**  
 KEY:  = add to query  = view substance details

- Section A: Plasdoc
- Section B: Farmdoc
- Section C: Agdoc
- Section D: Food, Fermentation, Disinfectants, Detergents
- Section E: Chemdoc
- Section F: Textiles, Paper, Cellulose
- Section G: Printing, Coating, Photographic
- Section H: Petroleum
- Section J: Chemical Engineering
- Section K: Nucleonics, Explosives, Protection
- Section L: Glass, Ceramics, Electro(in)organics

Transfer your selected code(s) below to the Derwent Manual Code field on the Search page.

**Derwent Innovations Index<sup>SM</sup>**

**Derwent Manual Codes**

Use the Find and Browse features to locate codes to add to your query.

Enter text to find terms manual code.  
Example: oil\* to find B04-B01C3 MINERAL OILS AND WAXES  
washing machin\*

**Results Page 1 (Terms 1 - 4 of 4)**

KEY:  = add to query     = view in hierarchy     = view scope notes

<input type="button" value="Add"/>	<input type="button" value="H"/>	D03-J05	MACHINERY FOR WASHING FRUIT (1972- )
<input type="button" value="Add"/>	<input type="button" value="H"/>	D03-J08	MACHINERY FOR WASHING VEGETABLES (1972- )
<input type="button" value="Add"/>	<input type="button" value="H"/>	F03-J01	WASHING MACHINES (1977- )
<input type="button" value="Add"/>	<input type="button" value="H"/>	X27-D01	WASHING MACHINES (1983- )

**Results Page 1 (Terms 1 - 4 of 4)**

Transfer your selected code(s) below to the Derwent Manual Code field on the Search page.

點選‘H’ 瀏覽檢索詞的上位分類。可以幫助讀者瞭解該詞具體使用的範疇。

點選Add 按鈕將該檢索詞加入到螢幕下方的欄位中。當添加完檢索詞之後，點選OK 返回到檢索頁面。



# Search Results 檢索結果

在檢索結果頁面，您可以輸入主題(題名、摘要、關鍵字或附加關鍵字Keyword Plus)在此次檢索結果中進一步查詢，而不需要結合不同的檢索條件進行查找，同時系統會產生新的檢索結果頁面。

Results: 4,337

Page 1 of 434

Sort by: Latest Date

**Refine Results**

Search within results for

Subject Areas

- ENGINEERING (4,251)
- INSTRUMENTS & INSTRUMENTATION (4,213)
- CHEMISTRY (1,592)
- OPTICS (845)
- COMPUTER SCIENCE (793)

1. WO2007145440-A2  
**Title:** Brightness adjusting method for flat panel display screen after finding difference between  
**Assignee(s):** LG ELECTRONICS INC  
**Inventor(s):** KIM S H  
**Citing Patents:** 0  
 esp@cenet

2. US2008018843-A1  
**Title:** LCD panel for e.g. plasma display panel, has contact hole of insulating layer for  
 Y H, YUN Y N, MOON J H  
 H, YUN Y N, MOON J H

3. US2008017810-A1

2008-B60938

Analyze Results

點選 Analyze 分析您的檢索結果

您可以重新排序檢索結果，依照：

- Latest date(最近日期)
- Inventor(發明者)
- Publication Date(出版時間)
- Patent Assignee Name(專利權人名稱)
- Patent Assignee Code(專利權人代碼)
- Times Cited(被引用次數)
- Derwent Class Code(分類號)

排序最多十萬筆記錄

點選此處可以連結至 European Patent Office

檢索結果筆數出現在頁面上下方。您可以選擇每頁顯示 10、25 或 50 筆記錄。

8. EP1870921-A2; US2007296337-A1; JP2008004528-A 2008-B55195  
**Title:** Plasma display panel for next generation industrial flat panel display device and home TV display device, has two discharge cells driven by same address electrode  
**Assignee(s):** SAMSUNG SDI CO LTD, KIM T, YIM S, et. al  
**Inventor(s):** KIM T, YIM S  
**Citing Patents:** 0  
 esp@cenet

9. CN101029229-A 2008-B52253  
**Title:** Aluminate green fluorophor excited by vacuum ultraviolet and its preparing method  
**Assignee(s):** CHINA ACAD SCI CHANGCHUN APPLIED CHEM GR  
**Inventor(s):** YOU H, LI W, GONG G  
**Citing Patents:** 0

008637-A1; JP2008013850-A 2008-B49655  
**Title:** Transport system for evaporation device for use in manufacture of e.g. flat panel display, mask that covers substrate, when substrate is transported by robot  
**Assignee(s):** TPO DISPLAYS CORP, TOPPOLY OPTOELECTRONICS CORP  
**Inventor(s):** NISHIKAWA R, WU W

Results: 4,337 Show 10 per page

Page 1

**Output Records**

Step 1:

- Selected Records on page
- All records on page
- Records [ ] to [ ]

Step 2:

- Patent Number, Title, Assignees, Inventors
- plus Abstract
- Full Record

Step 3: [How do I export to bibliographic management software?]

Print E-mail Add to Marked List

Save to EndNote Web Save to EndNote, RefMan, or other reference software

Save To... Save

選擇好要輸出的記錄後，您可以選擇輸出選項 – Savet to EndNote 輸出至書目管理軟體、Print 列印、Email、Save 儲存、Save to EndNote Web



# Analyze Results 分析檢索結果

Derwent Innovations Index<sup>SM</sup>

Results Topic=(flat panel plasma display)  
Timespan=All Years. Databases=CDerwent, EDerwent, MDerwent.

Results: **4,337** Page 1 of 434 Go Sort by: Latest Date

Print E-mail Add to Marked List Save to EndNote Web more options **Analyze Results**

1. WO2007145440-A2 2008-B60938  
**Title:** Brightness adjusting method for flat panel display e.g. LCD, involves varying contrast of screen after finding difference between step value of reference value and step value of adjusted brightness  
**Assignee(s):** LG ELECTRONICS INC  
**Inventor(s):** KIM S H  
**Citing Patents:** 0  
 esp@cenet

<<< Back to results list **Analyze Results**

4,337 records. Topic=(flat panel plasma display) 您可以按照多種方式對 10 萬筆檢索結果進行分析

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Field: Assignee Name	Record Count	% of 4337	Bar Chart
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<input type="checkbox"/> SAMSUNG SDI CO LTD	193	4.4501 %	■
<input type="checkbox"/> SONY CORP	138	3.1819 %	■
<input type="checkbox"/> SAMSUNG ELECTRONICS CO LTD	131	3.0205 %	■
<input type="checkbox"/> SHARP KK	117	2.6977 %	■
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<input type="checkbox"/> LG PHILIPS LCD CO LTD	95	2.1905 %	■
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<input type="checkbox"/> NEC CORP	85	1.9599 %	■

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分析檢索結果可以儲存起來並匯入到其他軟體中使用

在 Derwent Innovation Index 中可供分析的欄位有多種：

- 專利權人名稱 (Assignee Name)、專利權人代碼 (Assignee Code) :  
瞭解在您關心的技術領域，有哪些公司或者機構申請了專利？  
在這一技術領域裏誰申請的專利最多？  
發明人 (Inventor)：您所關心的技術都是由哪些發明人發明的？
- 國際專利分類號 (International Patent Classification Code) :  
您所關心的技術領域，通常使用哪個國際專利分類號進行索引？
- Derwent分類代碼 (Derwent Class Code) :  
如何瞭解某項技術是如何跨學科進行發展和應用的？
- Derwent手工代碼 (Derwent Manual Code) :  
您所關心的某項技術，通常使用哪個Derwent手工代碼進行索引？您所關心的某項技術，主要集中在哪些領域？

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Record 10 of 4,337 | Record from Derwent Innovations Index<sup>SM</sup>

**Dot-matrix colour plasma display panel for personal computer - has structure in which row and column electrode arrays are formed respectively to facing insulator plates**  
NoAbstract Dwg 1/7

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Patent Number(s): JP3190039-A → esp@cenet ; JP2964512-B2; US5182489-A → Original

Inventor(s): SANO Y

Patent Assignee(s) and Codes(s): NEC CORP(NIDE-C)

Derwent Primary Accession Number: 1991-285497 [07]

Citing Patents: 61 | Patents Cited by Examiner: 10

**Abstract:** (JP3190039-A) Mixt. of long chain aliphatic diols of the following formula, HO-(CH<sub>2</sub>)<sub>n</sub>-OH, where n=16-20, and one or mixt. of organic titanate cpd. are dissolved and/or suspended in solvent to prepare lubricant compsn. Compsn. is applied on the insulating layer of the insulated wire, and baked.

Wire comprises the lubricative layer of up to 0.1 micron in average thickness on the insulating layer.

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**Drawing:**

**International Patent Classification:** G09F-009/31; H01J-011/00; G09F-009/313; H01J-011/02; H01J-061/067; H01J-061/42

**Derwent Class Code(s):** P85; V05

**Derwent Manual Code(s):** V05-A01; V05-M03

**Patent Details:**

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
JP3190039-A	20 Aug 1991		199139		
JP2964512-B2	18 Oct 1999	H01J-011/00	199949	Pages: 8	
US5182489-A	26 Jan 1993	H01J-061/067	199307	Pages: 12	

**Application Details:**

JP3190039-A	JP328827	18 Dec 1989
JP2964512-B2	JP328827	18 Dec 1989
US5182489-A	US629420	18 Dec 1990

**Further Application Details:**

JP2964512-B2	Previous Publ. Patent	JP3190039
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**Priority Application Information and Date:**

JP328827	18 Dec 1989
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Field of Search: x

<< Back to results list | Record 10 of 4,337 | Record from Derwent Innovations Index<sup>SM</sup>

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 plus Abstract

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# Derwent Innovations Index® 全記錄中的欄位

- **Patent Number(s)** (專利號)  
專利號是由專利授予機關授予，和每份專利文獻匹配的序列號。Derwent輸入兩個字元的WIPO國家代碼，然後是序列號（10個位元組以內）以及表示文獻類型和出版項的代碼。例如：WO200079505-A1；AU200056327-A；US6296489-B1。
- **Title** (題名)  
Derwent做出簡潔描述性的英文題名以突出專利說明書中表示的發明內容和新穎特點。
- **Inventor (s)** (發明者姓名)  
發明者姓名以姓氏首字母縮寫的形式出現。姓最多有30個字元，後加一個空格和最多三個首字母縮寫。如：BLASS L，ELDER P，BLASS L J，ELDER P H。  
註：1992年以前的記錄規定發明者最多八個，前蘇聯的專利最多三個。1978至1980年間發明者最多三個，每個姓名最多10個字元。日本籍發明者不包括在內。
- **Patent Assignee Name(s) and Code(s)** (專利權人姓名和代碼)  
爲了標準化公司名稱，Derwent爲全球21000多個公司分配了一個唯一的4個字元代碼。這些公司被認爲是標準的公司，會經常性申請大量專利。可利用這些代碼來檢索子公司和相關的機構。其它公司和個人專利權人會被賦予一個非標準的4子元代碼，這個代碼不是唯一的。專利權人代碼的顯示方式是：  
ABCD-C (標準公司)  
ABCD-N 非標準  
ABCD-R 前蘇聯的機構  
ABCD-I 個人
- **Derwent Primary Accession Number** (Derwent入藏號)  
每一專利家族的第一個專利都會被Derwent分配一個唯一的識別碼，也因此創建了此家族在資料庫中的記錄。識別碼的形式是出版年加六個位元組的序列號(YYYY-NNNNNN)。方括號“[ ]”中的兩個位元組代表Derwent出版專利文摘的時間。如：2001-580453 [65]
- **Patents Cited by Inventor / Examiner Link** (被發明者/審查員引用專利連結)  
顯示被某一發明者或專利審查員引用的專利數量。點選數字可查看被引專利概要頁面。如果某個被引專利的連結顯示“0”，那麼此連結將不可用。
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- **Articles Cited by Inventor / Examiner Link** (被發明者/審查員引用的文獻連結)  
顯示發明者或審查者引用的非專利文獻數量。點選數字可查看被引文獻概要頁面。如果某一被引文獻連結顯示“0”，則此連結將不可用，因爲此筆專利沒有引文或者引文沒有被索引到資料庫中。
- **Abstract** (摘要)  
Derwent在對專利聲明和公佈事項研究過後做出摘要。摘要由英文寫成，簡潔、準確、相關度高並覆蓋聲明中涉及最廣泛的發明範圍。摘要還包括其他專案，如新穎性、詳細描述、用途、優點等等，視具體專利而定  
註：由於歷史原因，Derwent專利索引採用英式拼寫，但是摘要中也出現美式拼寫（Title/題名的情況也是如此）。爲保證檢全率，兩種情況都要考慮。舉例參見英美詞典。題名和文摘中的縮略語還可參見《Derwent標準縮略語詞表》。
- **Equivalent Abstract** (等同摘要)  
如果專利記錄中含有等同摘要資訊，可點選“顯示Equivalent Abstract”按鈕顯示。等同摘要是同一種發明的相關專利，作爲不同授予機關的專利，它有著相同的優先權申請日期。此摘要由Derwent在研究專利權利要求和公開資訊之後完成。在某些情況下，等同摘要與摘要完全相同，但是由不同的專利授予機關授予的。還需注意的是文本中的變化是英美拼寫不同造成。

- **Technology Focus/Extension Abstract** (焦點技術摘要/擴展摘要)  
在專利記錄中需提供技術焦點/擴展摘要和相關資料。
  - ※ 技術焦點：此為可選摘要。它覆蓋了除發明的核心技術以外的其他相關技術的資訊。技術焦點摘要概述了實施該發明的最佳技術方案等資訊。這樣讀者就可以快速對其核心技術領域以外的文獻做出判斷。摘要可以按照子標題排序，如農學、生物學、生物技術等。
  - ※ 擴展摘要：此亦為可選摘要，只當原始專利文獻細節充分時才出現。可將它與技術焦點共同作為閱讀物件以獲取完整資訊。擴展摘要的標題段落是單獨的，以更加易懂的方式來表達專利內容。對於想要避免法律術語的干擾而獲取專利的細節概要資訊之科學家和工程專家而言，這是一種理想的方式。
- **Drawing** (圖表)  
如果原文提供的話，則選擇專利中的圖形、圖表來描述發明中的重要部分。此欄位針對1992年以來的化學專利和1988年以來的電子電氣工程專利。
- **International Patent Classification** (IPC, 國際專利分類法)  
是由世界知識產權組織(WIPO)頒佈的國際通行之專利分類系統。IPC覆蓋了所有的技術領域，是精確檢索專利的有用系統。
- **Derwent Class** (Derwent分類號)  
Derwent分類法是適用於所有專利的獨特分類法。所有的技術領域被分為20類：  
A—M (化學)  
P—Q (工程)  
S—X (電工)  
每一領域都被分為3個字元的子類。A—M和S—X由Derwent主題專家使用。工程類P—Q的類號由IPC自動賦予。如：P85 (教育學、密碼學、廣告)；T01 (數位電腦)；W04 (視聽錄音系統)。
- **Derwent Manual Code(s)** (Derwent手工代碼)  
此號由Derwent索引專家分配，用來顯示一項發明的某些新穎性及其應用。運用手工代碼構造更詳細的檢索策略可以顯著提高檢索速度和準確度。
- **Patent Details** (專利細節)
- **Patent Number** (專利號)  
由專利授予機關分配給每一個專利文獻的序列號。
- **Patent Publication Date** (專利公告日期)  
此日期是專利文獻公開發行的日期。格式為NN MMM YYYY。其中“NN”為日，“MMM”為月，“YYYY”為年。
- **Main IPC** (IPC主類號)  
專利的類號依據世界知識產權組織(WIPO)提出的等級分類法。
- **Week** (入庫周次)  
表示資料入庫周次。格式為YYYYWW，其中“YYYY”為年份，“WW”為周次(如：200120)。
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代表原始專利文獻。
- **Language** (語言別)  
反映原始專利語言別，但是只適用於一項專利能夠以一種語言出版的地方。如：歐洲國家的專利可以英語、法語或德語出版。在整個專利家族中，一些專利可能以多種語言出版。
- **Application Details and Date** (申請細節及日期)  
申請號碼是由專利局為專利文獻分配的本地專利歸檔號碼。申請日期或歸檔日期是申請歸檔到專利局的日期。專利的申請通常在申請者本國的專利局進行。

- **Further Application Details** (更多申請細節)  
 專利申請的附加資訊出現於此欄位。例如：三種類型持續申請的資訊在此欄位出現：繼續申請、部分繼續申請案、分案。
  - ※ 繼續申請：首次專利申請未決時，提出了二次申請或者後來的申請。繼續申請必須與首次申請有相同的申請權項才能享受相同的申請日期。
  - ※ 部分繼續申請：被縮寫為 (CIP)，部分繼續申請與繼續申請比較相似，但是還可以包括一些原專利中沒有的新材料。專利的公開經常會被擴大，而部分繼續申請可以申請相同或不同的發明。CIP 申請中與原申請相同部分的主題之保護受益日期按照首次申請的歸檔日期而定。當首次申請因揭示材料與來源有相同之處而未被批准時必須做CIP 歸檔。
  - ※ 分案：如果專利局認為一項申請覆蓋面過大而不能視為一項單獨的專利，那麼這項申請將被分解成一個或者多個分案申請。分案申請與原申請有著相同的說明書但是不同的發明權項。
- **Priority Application Information and Date** (優先申請資訊及日期)  
 巴黎協定的優先權條款規定：一項申請可以於12個月以內在一個或幾個締約國登記。在這種情況下，原始申請號碼就成為優先申請號碼。相同地，原始申請日期也成為了優先申請日期。
- **Designated States** (指定國家)  
 當申請人通過歐洲或PCT 申請的方式請求對他們的發明進行保護時，他們必須指明希望他們的專利在哪些國家或地區生效並需支付相對費用。
  - ※ National(國家性的)：PCT 申請中由國家專利保護的發明。
  - ※ Regional(地區性的)：PCT 申請中由歐洲或地區專利保護的發明。
  - ※ Field of Search (檢索領域)：標示專利審查員運用哪些國際或美國分類號來檢索主題領域，以保證發明的新穎性、創造性。

## 記錄示例 – 被引專利 (Patent Cited by Inventor/Examer)

Derwent Innovations Index<sup>SM</sup>

<< Back to full record

**Patents Cited by Examiner** Title: Flat panel device e.g flat cathode ray tube display - uses backplate made c...  
 connected to faceplate to form sealed, evacuated enclosure, with driver circuitry  
 Assignee(s): SILICON VIDEO CORP, CANDESCENT TECHNOLOGIES CORP  
 Inventor(s): CURTIN C J, SCHMID A P, LOVOI P A

Cited Patents: 108 Page 1 of 1 Go

Citing Patent	Cited Patent	Category Code	Assignee	Inventor
WO9500969-A	<input type="checkbox"/> US4029392-A: Display element contg. nematic liquid crystal compsn.		MATSUSHITA ELEC IND CO LTD (MATU-C)	
	<input type="checkbox"/> US4281903-A: Active constituent mixt. for passive electro-optical indicator cell		EBAUCHES SA (EBAU-C)	G HARADJEDA F
	<input type="checkbox"/> US5155410-A: Shadow mask type cathode ray tube		MATSUSHITA ELECTRONICS CORP (MATE-C)	WAKABONO H; ADACHI O; KONOSU O...
WO9500969-A1	<input type="checkbox"/> US4029392-A: Display element contg. nematic liquid crystal compsn.		MATSUSHITA ELEC IND CO LTD (MATU-C)	
	<input type="checkbox"/> US4281903-A: Active constituent mixt. for pe electro-optical indicator cell			G HARADJEDA F
	<input type="checkbox"/> US5155410-A: Shadow mask type cathode tube		CS CORP (MATE-	WAKABONO H; KONOSU O...
US5672083-A	JP42000661-A			
	US3566187-A			

該頁面顯示發明人/審查員在發明/審查該發明時引用的專利。由於每一條記錄代表一個專利家族，因此被引專利的列出按發明/審查不同專利。

顯示被引用的專利號，點選專利號可直接連接到文獻的全記錄。

顯示在發明/審查專利WO9500969-A時引用的專利列表

## 記錄示例 - 被引用文獻 (Articles Cited by Inventor/Examiner)

Derwent Innovations Index<sup>SM</sup>

<< Back to full record

**Articles Cited by Examiner** Title: Flat panel device e.g flat cathode ray tube display - U connected to faceplate to form sealed, evacuated enclos  
Assignee(s): SILICON VIDEO CORP, CANDESCENT TEC  
Inventor(s): CURTIN C J, SCHMID A P, LOVOI P A

Articles: 41 Page 1 of 1 Go

Citing Patent	Category Codes	Cited Articles
US5672083-A		<p>Brodie et al., "Vacuum Microelectronics," Advances In Electronics And Electron Physics, vol. 83, 1992, pp. 1-106.</p> <p>Brodie, "Advanced Technology: Flat Cold-Cathode CRTs," Information Display, vol. 5, No. 1, Jan. 1989, pp. 17-19.</p> <p>Dow et al., "Ceramic Circuit Technology: The State-of-the Art Today and Tomorrow", Hybrid Circuit Technology, Oct. 1994, (4 pages).</p> <p>Dupont Electronics, "Green Tape Systems", Data Sheet, 1988, 1991 (4 pages).</p> <p>Goede, "A Digitally Addressed Flat-Panel CRT," IEEE Transactions on Electron Devices, vol. ED-20, No. 11, Nov. 1973, pp. 1052-1061.</p> <p>Goede, "Digital Address Thin Display Tube," Northrop Corp./NTIS, Nov. 1974, pp. 1-134.</p> <p>Hargis, "Ceramic Multichip Modules (MCM-C)", Inside ISHM, Mar./Apr. 1993, pp. 15-18.</p> <p>Jaity et al., "In-situ Insulator Surface Charge Measurements in Dielectric Bridged Vacuum Gaps Using an Electrostatic Probe," IEEE Transactions on Electrical Insulation, vol. 23, No. 2, Apr. 1988, pp. 261-273.</p> <p>Knickerbocker, "Overview of the Glass-Ceramic/Copper Substrate-A High-Performance Multilayer Package for the 1990s", American Ceramic Society Bulletin, vol. 71, No. 9, Sep. 1992, pp. 1393-1401.</p> <p>Meyer, "6" Diagonal Microtips Fluorescent Display for T.V. Applications," EuroDisplay Digest, Sept. 1990, (4 pages).</p> <p>Nishihara et al., "32.5: Fully Integrated Poly-Si TFT CMOS Drivers for Self-Scanned Light Valve", SID 92 Digest, 1992, pp. 609-612.</p> <p>Reed, "Heat Treatment Studies on High Alumina Ceramics," from Slater, Advances in Electronic Technology, The McGraw-Hill Company, New York, 1963, pp. 15-29.</p> <p>Takahashi et al., "Back Modulation Type Flat CRT," Japan Display '92, 1992, pp. 377-380.</p> <p>Tannas, Jr., "Flat-Panel Displays and CRTs," 1985, pp. 218-219, 231-232, 360, 400, 403.</p> <p>Terao et al., "37.4: Fabrication of Fine Barrier Ribs for Color Plasma Display Panels by San 727.</p>
US5686790-A		<p>"A Digitally Addressed Flat-Panel CRT," by W.F. Goede, IEEE Transactions on Electron Devices, vol. ED-20, No. 11, Nov. 1973.</p> <p>"Digital Address Thin Display Tube," by Walter F. Goede, published by Northrop Corporation in 1974, distributed by National Technical Information Service (U.S. Department of Commerce).</p> <p>A. Takahashi et al., "Back Modulation Type Flat CRT," Japanese Display '92, pp. 377-380.</p>

該頁面顯示發明人/審查員在發明/審查該發明時引用的文章。由於每一條記錄代表一個專利家族，因此被引文章的列出按發明/審查不同專利的列表。

顯示在發明/審查專利 US5672083-A 時引用了哪些文章。

點選 title 可以直接連結到 Web of Science 的全記錄

## 記錄示例 - 引用專利 (Citing Patents)

**Citing Patents**

Title: Display element contg. nematic liquid crystal compn. connected to faceplate to form sealed, evacuated enclosure  
Assignee: SILICON VIDEO CORP; CANDESCENT TECHNOLO  
Inventor(s): CURTIN C J; SCHMID A P; LOVOI P A

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- OPTICS (8)
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Assignee Names Refine

- MICRON TECHNOLOGY INC (12)
- SCI APPL INT CORP (11)
- GEORGE E V (10)
- GREEN A M (10)
- WYETH N C (10)
- more...

Assignee Codes

Inventors

- US2004166762-A1; US7025648-B2

Title: Manufacture of light-emitting panel for plasma panel display devices, by disposing micro-components on substrate, depositing and curing liquid dielectric material, depositing and curing conductive liquid, and applying top layer

Assignee(s): GREEN A M, GEORGE E V, WYETH N C, et. al  
Inventor(s): GREEN A M, GEORGE E V, WYETH N C  
Citing Patents: 3  
+Links

2004-650957
- EP1408476-A1; JP2004133457-A; EP1408475-A1; ...

Title: Electroluminescence flat panel display for displaying e.g. video films, has cooling channels defined and sealed between heat sink and drive circuit to cool light-emitting devices and drive circuit by passage of cooling liquid

Assignee(s): BARCO NV, THIELEMANS R, OOGHE K, et. al  
Inventor(s): THIELEMANS R, OOGHE K, DE KEUKELEIRE S, et. al  
Citing Patents: 3  
+Links
- WO2004015660-A2; AU2003269915-A1; US2004175854-A1; ...

Title: Micro-component forming process for plasma display panel, involves encapsulating plasma-forming gas in shell to form micro-component, and discarding formed components that do not meet certain preset characteristics

Assignee(s): SCI APPL INT CORP, GEORGE E V, WYETH N C, et. al  
Inventor(s): GEORGE E V, WYETH N C, GREEN A M, et. al

2004-180801

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 Name and Code  Name Only  Code Only  
Example: XEROX CORP or XERO

**Cited Inventor:**   
Example: Von Oepen R

**Cited Derwent Primary Accession Number:**   
Example: 1998-321575

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### 被引發明人 (Cited Inventor) :

如果被檢索的發明人姓名多於一個縮寫字母，即便發明人的姓名縮寫中間顯示了空格，也應連續輸入兩個縮寫，中間不要有空格 (e.g., Becker SC)。在檢索姓名縮寫時，利用切截符號 (\*) 非常重要，因為不用切截符號則只可做精確檢索。

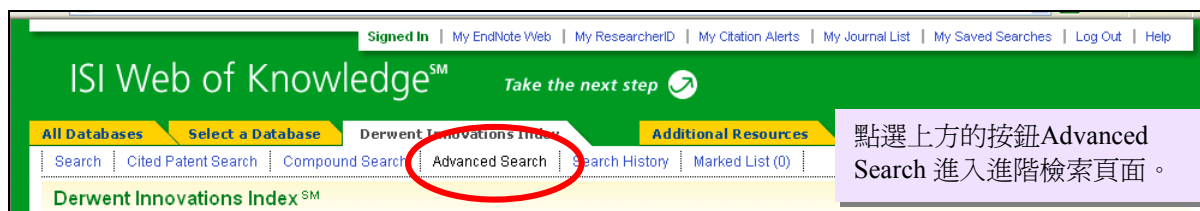
在很多記錄中，如果某個發明人的姓名中包含了非字母的字元，則該姓名在發明人欄位將被列出兩次：一次是包含非字母字元的方式，另一次是不包含該字元的方式。當檢索這樣的發明人時，只有符合檢索式的姓名會在記錄中用亮色標記。

### 被引Derwent入藏號 (Cited Derwent Primary Accession Number) :

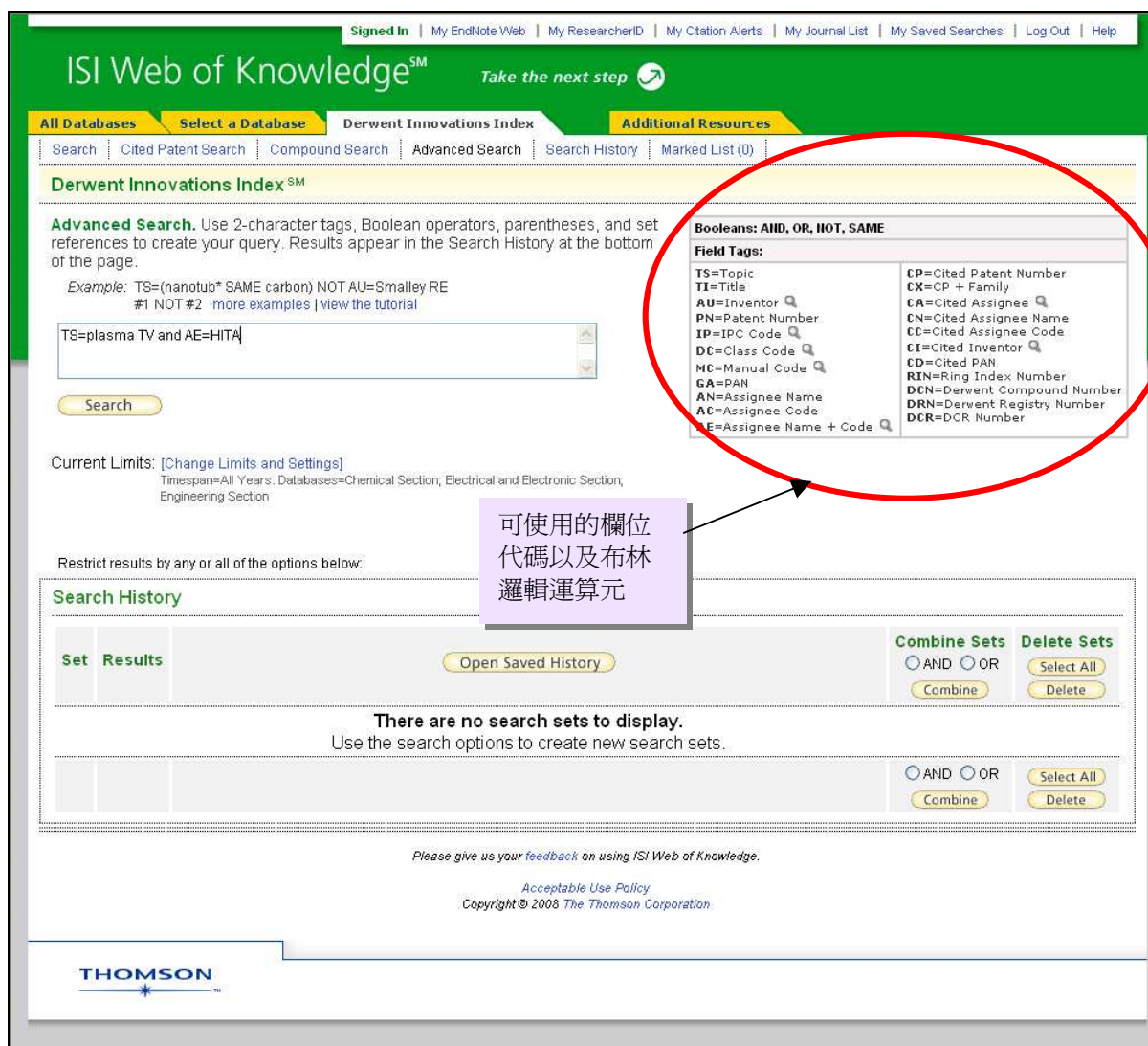
利用Derwent入藏號進行檢索時，請輸入四位數的年，一個連字元，隨後是6位元數位的序列號。

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**TS=plasma TV and AE=HITA**



# Saving Histories and Creating Alerts 儲存歷史和建立追蹤

您可以將檢索歷史儲存在自己的電腦、網路或 ISI 的伺服器。儲存在自己電腦裡的歷史記錄可以開啓並重新執行。儲存在伺服器上可以讓您建立追蹤並輕鬆地開啓與管理檢索歷史。

您可以從檢索歷史(Search History)或進階檢索(Advanced Search)頁面儲存檢索歷史或追蹤。若想要設定追蹤功能，需注意這個追蹤將依據您最後建立的檢索而定。每個檢索歷史最多可以設定 20 個檢索策略

The screenshot shows the 'Search History' section of the ISI Web of Knowledge interface. It displays a table with search sets and their results. Annotations in purple boxes provide instructions:

- Annotation 1: "按下 Save History (儲存歷史)儲存檢索歷史或建立追蹤" (Click Save History to save search history or create a tracking).
- Annotation 2: "若希望一次取得先前的檢索結果，必須先結合 1 先前的檢索結果集合，產生新的集合(#3)。勾選集合前的小方框並利用上方的布林邏輯 AND 或 OR 結合先前的檢索結果" (If you want to get previous search results at once, you must first combine 1 previous search result set to create a new set (#3). Check the small box before the set and use the Boolean logic AND or OR above to combine previous search results).

The interface includes navigation tabs like 'Search', 'Cited Patent Search', 'Compound Search', 'Advanced Search', 'Search History', and 'Marked List (0)'. It also features buttons for 'Save History / Create Alert' and 'Open Saved History'.

The screenshot shows the 'Save Search History' form. It includes fields for 'History Name', 'Description', and 'Send Me E-mail Alerts'. Annotations in purple boxes provide instructions:

- Annotation 1: "若想收到檢索結果追蹤，按下 Send Me E-mail Alerts 前的方格並輸入您的 e-mail 地址" (If you want to receive search result tracking, click the box before Send Me E-mail Alerts and enter your e-mail address).
- Annotation 2: "檢索結果追蹤訊息類型有：只有通知、書目(篇名、期刊來源、作者)、書目及摘要、全記錄。E-mail 格式包括：純文字、HTML(含全記錄連結)、ISI ResearchSoft(匯入 EndNote、Reference Manager 或 ProCite)和欄位格式(Field Tagged)。

The form also includes options for 'Alert type', 'E-mail format', 'Alert query', 'Alert editions', and 'E-mail frequency'.

# Managing Histories and Alerts 管理歷史與追蹤

儲存於伺服器裡的歷史和追蹤將顯示在這裡。按下名稱即可執行查詢，或按下 Open / Manage Saved Searches 取得更多選項

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您可以從 Saved Search、Citation Alert 使用 RSS

History Name	Product	Description	RSS Feed	Alerting	Modify Settings	Delete	Open/Run History
AI	Web of Science	This is about AI		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open
BIOSIS Previews	BIOSIS Previews	BIOSIS Previews		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open
bird flu	Current Contents Connect	this is about bird flu		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open
dii	Derwent Innovations Index	dii		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open
Gene	Web of Science	This is about gene		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open
Medicine	Current Contents Connect	sars and bird flu		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open
stem cell	BIOSIS Previews	stem cell		Status: Off Expires: --	Settings	<input type="checkbox"/>	Open

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Open From Your Workstation:  
 Use this box to open a history from a local drive.  
 Use Browse to select a locally saved history file. Then click "Open."

若將歷史儲存於本機，按下瀏覽找到檔案，然後按下 Open

# Marking and Processing Records 註記與下載檢索結果

9. JP2007094224-A 2007-510013  
**Title:** Display device e.g. plasma display television has protection elements arranged at edges of mutually adjacent frames attached to base  
**Assignee(s):** HITACHI LTD  
**Inventor(s):** SHIMIZU M, YAMAMOTO S, MATSUMOTO K, et. al  
**Citing Patents:** 0  
→ esp@cenet

10. JP2007094223-A 2007-510012  
**Title:** Display device e.g. LCD device for liquid crystal TV, has speakers attached to side edges of curved front cabinet  
**Assignee(s):** HITACHI LTD  
**Inventor(s):** OKI M, MATSUMOTO K, SHIRAISHI M  
**Citing Patents:** 0  
→ esp@cenet

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**Output Records**

**Step 1:**  
 Selected Records on page  
 All records on page  
 Records  to

**Step 2:**  
 Patent Number, Title, Assignees, Inventors  
 plus Abstract  
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**Step 3:** [How do I export to bibliographic management software?]  
Print E-mail Add to Marked List  
Save to EndNote Web Save to EndNote, RefMan, or other reference software  
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These records matched your query of the 16,144,884 in the data limits you selected.

1. 選擇欲輸出的記錄：
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2. 選擇所需資料欄位：
  - Patent Number, Title, Assignees, Inventors：專利號碼、篇名、專利權人和發明人。
  - Patent Number, Title, Assignees, Inventors plus Abstract：專利號碼、篇名、專利權人、發明人和文章摘要。
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  - Print 列印
  - E-mail 以電子郵件傳送
  - Add to Marked List 將記錄加至勾選清單，最多為 500 筆
  - Save to My EndNote Web
  - Save to EndNote, RefMan or other reference Software 輸出選取記錄至 EndNote、Reference Manager 或其他書目管理軟體中。
  - Save 儲存至檔案

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選取完記錄後，工具列中會出現 Marked List 按鈕。按下該按鈕進入勾選清單選項。

	# Marked Records	View/Output Records	Delete List
Derwent Innovations Index records Output complete data for these records.	5	<b>View Marked Records</b>	Select All Delete
<b>Total Marked Records</b>	5		<input type="checkbox"/>

Note: Multiple lists may appear in this table, depending upon where you marked records.  
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<input checked="" type="checkbox"/> Patent Number(s)	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Inventor(s)	<input checked="" type="checkbox"/> Assignee(s)
<input type="checkbox"/> Derwent class code(s)	<input type="checkbox"/> designated states	<input type="checkbox"/> abstracts*	<input type="checkbox"/> cited patents
<input type="checkbox"/> priority app info	<input type="checkbox"/> Derwent primary accession no.	<input type="checkbox"/> patent details	<input type="checkbox"/> cited articles
<input type="checkbox"/> Derwent manual code(s)	<input type="checkbox"/> application details	<input type="checkbox"/> IPC	<input type="checkbox"/> field of search
<input type="checkbox"/> equivalent abstracts	<input type="checkbox"/> images (Format for Print only)*	<input type="checkbox"/> DCR Numbers	<input type="checkbox"/> RIN
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\*Selecting abstracts or images will increase the processing time.

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Derwent Innovations Index Marked Records - 5 Patents | Delete This List

Page 1 (Patents 1 -- 5):

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All records output by default. Use the checkboxes to deselect/select records for output. Be sure to click the "Submit Selections" button before leaving page. Sort affects view and output.

- JP2008003315-A  
Display device e.g. plasma display panel for TV, has spring structure in junction region of back substrate and metal plate with respect to main-surface direction of display panel  
HITACHI DISPLAYS KK (HITA-Non-standard); HITACHI LTD (HITA)  
KITADA T; KAZAMA A
- JP2007279401-A  
Display device e.g. TV has support frame integrally molded with flat panel, at back side of flat panel  
HITACHI LTD (HITA)  
SHIRAISHI M; MATSUSAWA T; YAMADA H; et al.
- US2007250893-A1; JP2007281542-A  
Portable/mobile segment broadcasting receiving apparatus for use with e.g. cellular phone, has image processor performing image correction on image signals based on encoding information included in segment broadcasting signal  
AKIYAMA Y (AKIY-Individual); HAMADA K (HAMA-Individual); YAMAGUCHI M (YAMA-Individual); MARUYAMA T (MARU-Individual); KAMOGAWA K (KAMO-Individual); KAGEYAMA M (KAGE-Individual); HITACHI LTD (HITA)  
AKIYAMA Y; HAMADA K; YAMAGUCHI M; et al.

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0800443162 (New Zealand)

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[ts.support.asia@thomson.com](mailto:ts.support.asia@thomson.com)

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