

# Patent Searching

## (Patentability Requirement)

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Lightbulb icon, Graduation cap icon, Search icon

Include non-patent literature (Google Scholar)

Search and read the full text of patents from around the world.

No	Rencana Invensi
1.	Formula mikroba <b>bioremediator pestisida</b>
2.	Formula mikroba <b>peningkat volume biogas</b> dari biomassa
3.	Formula Mikroorganisme <b>activator</b> pada <b>produksi kompos</b>
4.	<b>Proses perbanyak</b> Mikroorganisme activator pada produksi kompos
5.	Kompos bioslurry <b>plus</b> (Merk dagang)
6.	Formula produksi Kompos Bioslurry <b>plus</b>
7.	Peningkatan produksi biogas menggunakan tambahan substrat ampas tebu dan inokulum kapang <i>Rhizopus sp</i>
8.	Kandungan fitoestrogen kacang gude

# INVENSI

- Adalah ide inventor yang dituangkan kedalam suatu kegiatan pemecahan masalah yang spesifik di bidang teknologi berupa produk atau proses, atau penyempurnaan dan pengembangan produk atau proses.
- Pemecahan masalah
  - Problem to solve (masalah yang dipecahkan)
  - Solution to the problem (pemecahan dari masalah)

# Yang tidak tercakup dalam INVENSI

(Pasal 4 UU 13-2016 ttg Paten)

- a) Kreasi estetika
- b) Skema
- c) Aturan dan metode untuk melakukan kegiatan:
  - 1) Yang melibatkan kegiatan mental;
  - 2) Permainan;
  - 3) Bisnis.
- d) Aturan dan metode yang hanya berisi program computer,
- e) Presentasi mengenai suatu informasi,
- f) Temuan (discovery) berupa:
  - 1) Penggunaan baru untuk produk yang sudah ada dan/atau dikenal; dan atau
  - 2) Bentuk baru dari senyawa yang sudah ada yang tidak menghasilkan peningkatan khasiat bermakna dan terdapat perbedaan struktur kimia yang sudah diketahui dari senyawa.

# Patentabilitas INVENSI

1. Kebaruan (*novelty*);
2. Mengandung langkah inventif (*inventive step*)
3. Dapat diterapkan dalam industry (*Industrial applicability*)

## Khusus Paten sederhana

- 1) Invensi Baru;
- 2) Pengembangan dari produk atau proses yang telah ada, dan
- 3) Dapat diterapkan dalam industri

- Ad 1. Bioremediator pestisida (paten produk)
- Ad 2. Peningkat volume Biogas (paten produk)
- Ad 3. Aktivator kompos (paten produk)
- Ad 4. Proses Produksi kompos (paten proses)
- Ad 5. Bioslurry plus (sebagai merek dagang kurang kuat karena BIOSLURRY sudah merupakan milik umum sedangkan “plus” merupakan suatu kata keterangan)
- Ad 6. Bioslurry (paten produk)
- Ad 7. Peningkat volume biogas (paten Produk: Formula peningkat ...) atau paten proses: metode peningkatan... dengan menggunakan....)
- Ad 8. Belum ada invensi. Merupakan suatu keadaan atau fakta alam. Belum ada makna rekayasa manusia.



Lightbulb icon, Graduation cap icon, Search icon

Include non-patent literature (Google Scholar)

Search and read the full text of patents from around the world.

[About](#) [Send Feedback](#) [Advanced Search](#) [Public Datasets](#) [Terms](#) [Privacy Policy](#)



<https://patents.google.com>

kata kunci: **pesticide**

The screenshot shows the Google Patents search interface. The search bar contains the word "pesticide". The results page shows "About 131,842 results". The search terms are "pesticide" with options for "or" and "+ Synonym". The search fields include "Date · Priority" (YYYY-MM-DD), "+ Inventor", "+ Assignee", "Patent Office", "Language", "Status", and "Type". The first result is titled "Pesticide nanoparticles obtained from microemulsions and nanoemulsions" with a thumbnail image of nanoparticles. The second result is "Control of shoot/foilar feeding pests with pesticide seed treatments". The third result is "Injection apparatus for injecting pesticide".

SEARCH TERMS ⓘ × About 131,842 results [Download](#) [with Concepts](#) [Side-by-side](#)

Sort by · Relevance ▾ Group by · None ▾ Deduplicate by · Family ▾ Results / page · 10 ▾

pesticide × or + Synonym

+ Synonym

SEARCH FIELDS


📅 Date · Priority ▾  
YYYY-MM-DD — YYYY-MM-DD

👤 + Inventor

📅 + Assignee

Patent Office ▾ Language ▾

Status ▾ Type ▾

**Pesticide nanoparticles obtained from microemulsions and nanoemulsions**  
 [WO EP US AR CL ES · US9095133B2](#) · Shlomo Magdassi · Yissum Research Development Company Of The Hebrew University Of Jerusalem  
Priority 2006-09-14 · Filed 2007-09-16 · Granted 2015-08-04 · Published 2015-08-04  
claim 7 , wherein the water-insoluble organic **pesticide** is novaluron or lambda-cyhalothrin. 9. The process according to claim 7 , wherein the water-insoluble organic **pesticide** is an **insecticide**, **herbicide** or fungicidally active compound, and further wherein: the **insecticide** is selected from the group ...

**Control of shoot/foilar feeding pests with pesticide seed treatments**  
[WO EP US AU BR CA HU MX · US8642505B2](#) · Frank C. Kohn · Monsanto Technology, Llc  
Priority 1999-07-28 · Filed 2007-11-30 · Granted 2014-02-04 · Published 2014-02-04  
The **pesticide**-treated seeds may also be enveloped with a film overcoating to protect the **pesticide** coating. Such overcoatings are known in the art and may be applied using conventional fluidized bed and drum film coating techniques. If the **pesticide** is applied to the seed in the form of a coating, ...

**Injection apparatus for injecting pesticide**  
[WO EP US CN JP KR AU BR CA CL CO CR EA ES IL MX PL · US9686974B2](#) · James H. Cink · Basf Agro B.V., Arnhem (NI), Zürich Branch

- **Each search term box is ANDed together, and each synonym field within a box is ORed.** Pressing TAB will add a new synonym/OR field, and pressing ENTER will add a new search term/AND box.
- **Keywords:** Enter a few words that form a single concept. Keywords match the title, abstract, claims and description fields. seat belt searches these two words, or their plurals and close synonyms. "seat belt" searches this exact phrase, in order. -seat -belt searches for documents not containing either word.
- **Boolean syntax (USPTO or EPO format):** For more complicated searches, full boolean logic is supported. The default operator is AND with left associativity. *Note:* this means safety OR seat belt is searched as (safety OR seat) AND belt. Each word automatically includes plurals and close synonyms, and CPCs can also be used without a special syntax, like (safety belt) OR B60R22/00. Adjacent words that are implicitly ANDed together, such as (safety belt), are treated as a phrase when generating synonyms.

- **Proximity:** You can use proximity operators to boost the score of documents if they contain expressions near each other. *Note:* proximity operators only change ranking, not retrieval. NEAR, NEARx, NEAR/x, or /xw means matches are a maximum of x words away, in *any* order. WITH means 20 words away, any order, and SAME means 200 words away, any order. ADJ, ADJx, ADJ/x, or +xw are the same as NEAR, but matches must be in the *same* order. Example: (safety ADJ/5 belt) NEAR/10 (baby OR child) SAME vehicle.
- **Searching in title, abstract, claims, CPC:** You can search inside a specific field using field names. Use TI=(safety belt) to search in the title, AB= for the abstract and CL= for the claims. For CPCs, CPC=B60R22 will match documents with exactly this CPC, CPC=B60R22/low matches documents with this CPC or a child classification of this CPC.
- **Wildcards, truncation:** Although we automatically generate plurals, you can instead specify wildcard patterns of words to search. Wildcards only work on single words. The top 25 most common matches will be ORed together. *Note:* wildcards only work on English words. The wildcards are ? (zero or one character), \* or \$ (zero or more characters), \$x (zero to x characters), and # (exactly one character). You can include more than one wildcard symbol per word. Examples: \*saccharide? and hydroxy\*phenyl\*.

## Search Using Metadata.

- From the homepage, enter one of the following field names. Press ENTER to search after typing:
- Search inventors inventor:bell or inventor:"Alexander Graham Bell"
- Search assignees assignee:google or assignee:"Google Inc"
- Search before or after filing date (can be changed to priority or publication date after the search) before:2010, after:"Jan 2006", before:"1/2/2006"
- Search patents by country country:US
- Search patents by status status:grant
- Search patents by language language:english
- To add new metadata search restricts, click on a box in the "Search Fields" section on the left, or at the top of the screen at lower screen resolutions. If the query is at the top, click it once to expand it for editing. Additional fields can be found by expanding the "MORE" menu.
- Many fields support more than one input. To enter an additional AND or OR to a metadata field, click the name of the field inside the box to the right of the existing query, for example "+ Inventor".
- Press ENTER or click away from the Search Fields input box to perform the updated query.
- The inventor and assignee fields provide autocomplete suggestions. You can type the prefix of any word, or multiple prefixes "univ ca" -> "The Regents Of The University Of California".
- Keywords, inventors and assignees can be excluded/NOTed by adding a minus sign in the beginning, such as -shovel, and exact phrases can be searched by adding quotes around the phrase, such as "drag line".
- The field before and after dates search on (filing, priority, publication) can be changed by clicking on the underlined date type in the search fields box.
- When searching with non-patent literature included, the before, after, inventor and CPC fields work across patent and Scholar results.

<https://www.tipo.gov.tw/>

The screenshot shows the homepage of the Intellectual Property Office (TPO) of the Republic of China. The browser's address bar displays [tipo.gov.tw/tw/mp-1.html](https://www.tipo.gov.tw/tw/mp-1.html). The website features a top navigation bar with links for 首頁 (Home), 線上申請 (Online Application), 新冠肺炎智財新訊 (COVID-19 IP News), 專利商品化 (Patent Commercialization), English, and 網站導覽 (Website Guide). Below this is a secondary menu with 專利 (Patent), 商標 (Trademark), and 著作權 (Copyright). The main banner area contains an illustration of a person with a magnifying glass over a computer screen, with the text "電腦軟體相關發明 審查基準修正" (Revision of Examination Standards for Software-Related Inventions). Below the banner are three main content sections: 最新消息 (Latest News), 國際動態 (International News), and 研討會資訊 (Seminar Information). The bottom of the page shows a Windows taskbar with the date 10/17/2022, time 11:14, and temperature 33°C.

The screenshot shows the Taiwan Patent Search System website. The header includes the logo of the Intellectual Property Office (IPO) and the text "Taiwan Patent Search System INTELLECTUAL PROPERTY OFFICE MOEA R.O.C.". There are navigation tabs for "Home", "Classification", and "Patent Search". On the left, there are buttons for "NEWS", "SUBSCRIPTION", and "RELATED LINKS". The main content area features a "Patent Coverage" section with two tables. The first table, "Patent Bibliographic Data", shows the number of published applications, utility models, and granted inventions from 2003/05/01 to 2021/04/16, with a total of 182,856. The second table, "Patent Specification images", shows the number of published applications and granted inventions/utility designs from 2003/05/01 to 2021/07/01, with a total of 241,426. Both tables are updated monthly. The website is in Chinese.

**Taiwan Patent Search System**  
INTELLECTUAL PROPERTY OFFICE MOEA R.O.C.

Chinese

Home Classification Patent Search

NEWS  
SUBSCRIPTION  
RELATED LINKS

### Patent Coverage

#### Patent Bibliographic Data

	Coverage	Subtotal
Published Applications	2003/05/01 ~2021/04/16	807047
Utility Models	1997/01/01 ~2021/04/21	497855
Granted Inventions	1993/01/01 ~2021/04/21	523658
Total		1828560

Updated monthly

Note: Bibliographic data of patent gazette since 1950 is also available as is.

#### Patent Specification images

	Coverage	Subtotal
Published Applications	2003/05/01 ~2021/07/01	817075
Granted Inventions, Utility, Designs	1990/01/01 ~2021/07/01	1597186
Total		2414261

Updated monthly

33°C Sebagian cerah 11:21 21-Jul-21

# Taiwan Patent Search System

The screenshot shows the Taiwan Patent Search System web interface in Chinese. The browser address bar shows the URL: [twpat3.tipo.gov.tw/tipotwoc/tipotwekm?8878760B11000000001000000000E0004100000000000000C4003b9d](http://twpat3.tipo.gov.tw/tipotwoc/tipotwekm?8878760B11000000001000000000E0004100000000000000C4003b9d). The page title is "Taiwan Patent Search System" and the subtitle is "INTELLECTUAL PROPERTY OFFICE MOEA R.O.C". The language is set to "Chinese".

The main navigation menu includes "Home", "Classification", and "Patent Search". The "Patent Search" section is active, showing a "Boolean Search" interface. The search criteria are:

- Patent Type:  Granted Inventions  Utility Models  Designs  Published Applications
- Applicant:  Individual  Company

The search form includes a text input field for "Any word", a "Clear" button, and logical operators "And", "Or", "Not", "(", and ")". There are three rows of search criteria, each with a dropdown menu for the operator (AND) and a dropdown menu for the field (@ Any field). The fourth row is for "Issued/Publication Date" with a range selection.

Buttons for "Search", "Clear", and "Sample" are present. Below the search form, there are checkboxes for "Field display for lists" and "Field display for tables".

Field display for lists:  Patent/Publication No.  Issued/Publication Date  Application Number  
 Application Date  Title  IPC  
 LOC  Drawing  Full Image

Field display for tables: (Publication Number+Publication Date+Title)

Field display: lists Plural: off Records per page: 10 Tables per page: 3

Information on this system is for reference only, it cannot be used as grounds for approval or rejection.  
In all instances of discrepancy, official publication from TIPO shall prevail and should be consulted.

# How to do advanced search?

The screenshot shows the Taiwan Patent Search System interface. At the top, there is a navigation bar with 'Home', 'Classification', and 'Patent Search' links. The main area is titled 'Advanced Search' and includes a 'Help' button. Below this, there are filters for 'Patent Type' (Granted Inventions, Utility Models, Designs, Published Applications) and 'Applicant' (Individual, Company). A search input field is present with a date range selector set to 'Issued/Publication Date'. Below the input field are buttons for 'Clear', 'AND', 'OR', 'NOT', and 'Search'. There are also checkboxes for 'Field display for lists' and 'Field display for tables'. The 'Field display for lists' section includes checkboxes for Patent/Publication No., Issued/Publication Date, Application Number, Application Date, Title, IPC, LOC, Drawing, and Full Image. The 'Field display for tables' section includes a dropdown for 'Field display' (set to 'lists'), a dropdown for 'Plural' (set to 'off'), a dropdown for 'Records per page' (set to '10'), and a dropdown for 'Tables per page' (set to '3'). At the bottom, there is a table with two columns: 'Field Name' and 'Field Code'. The table contains the following data:

Field Name	Field Code	Field Name	Field Code
Patent/Publication Number	PN	Title	TI
Application Number	AN	Certification Number	CD
Priority Number	PR	Application Date	AD
Inventor	IV	IPC (International Classification)	IC



<https://appft.uspto.gov/>

(application Full Text)



# US PATENT & TRADEMARK OFFICE

## PATENT APPLICATION FULL TEXT AND IMAGE DATABASE

- [Help](#)
  - [Home](#)
  - [Boolean](#)
  - [Manual](#)
  - [Number](#)
- [View Shopping Cart](#)

Data current through July 15, 2021.

Query [\[Help\]](#)

Example: **ttl/needle** or **ttl/syringe andnot (sew or threads)**

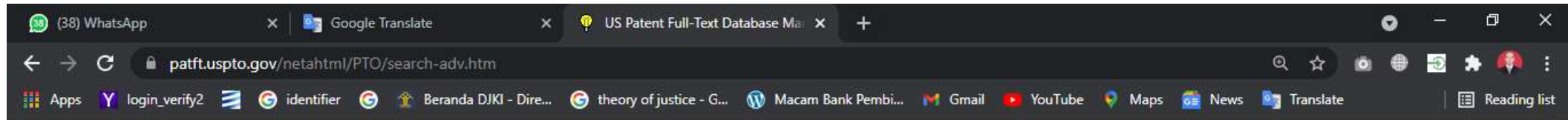
Select Years [\[Help\]](#)

Field Code	Field Name
DN	<a href="#">Document Number</a>
PD	Publication Date

Field Code	Field Name
IN	<a href="#">Inventor Name</a>
IC	Inventor City

<https://patft.uspto.gov/>

(Patent Full Text)



## USPTO PATENT FULL-TEXT AND IMAGE DATABASE

[Home](#) [Quick](#) [Advanced](#) [Pat Num](#) [Help](#)  
[View Cart](#)

Data current through July 20, 2021.

Query [\[Help\]](#)

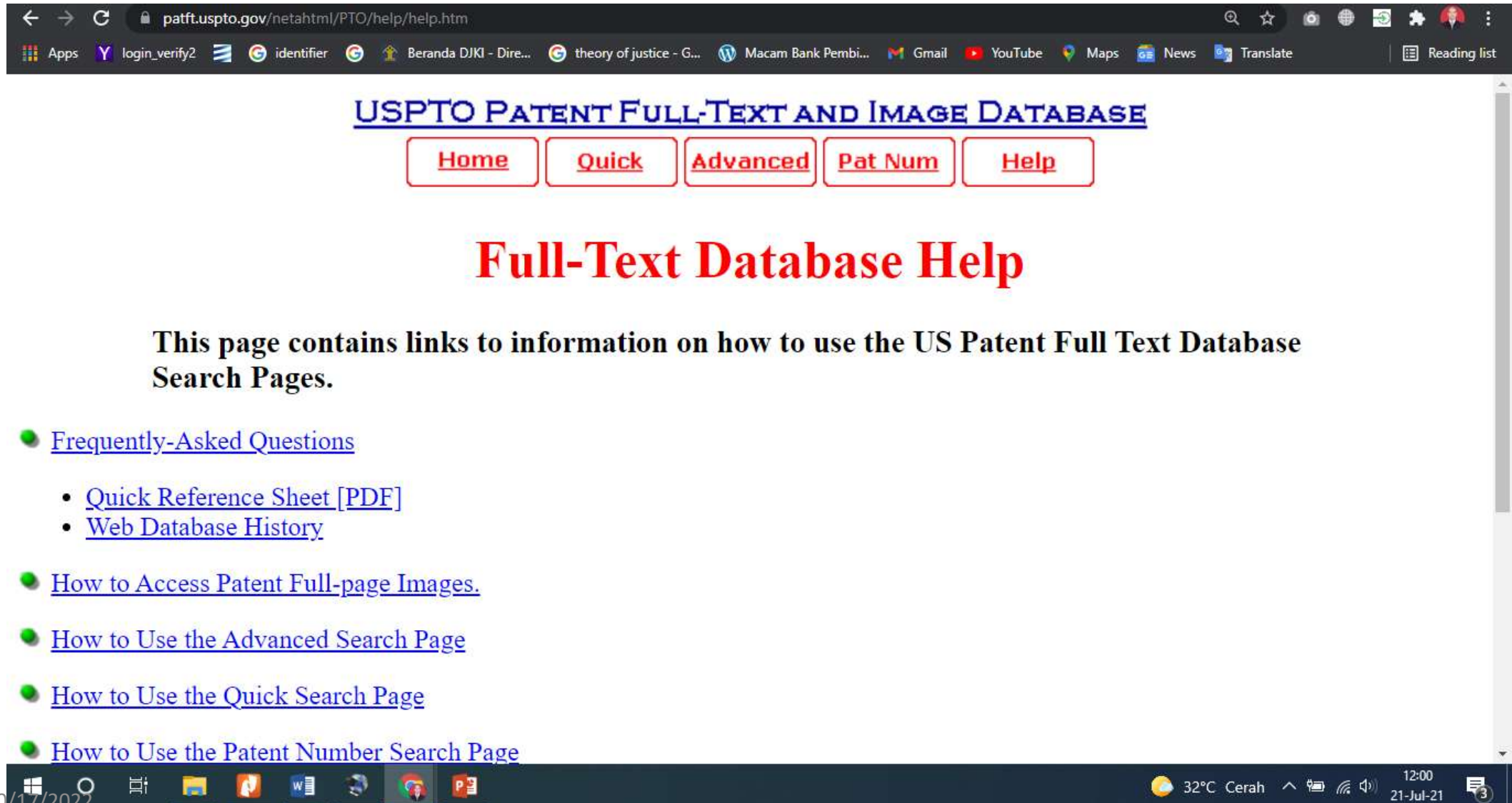
Examples:  
ttl/(tennis and (racquet or racket))  
isd/1/8/2002 and motorcycle  
in/newmar-julie

Select Years [\[Help\]](#)

Patents from 1790 through 1975 are searchable only by Issue Date, Patent Number, and Current Classification (US, IPC, or CPC).  
When searching for specific numbers in the Patent Number field, utility patent numbers are entered as one to eight numbers in length, excluding commas (which are optional, as are leading zeroes).

Field Code	Field Name	Field Code	Field Name
PN	<a href="#">Patent Number</a>	IN	<a href="#">Inventor Name</a>
ISD	<a href="#">Issue Date</a>	IC	<a href="#">Inventor City</a>
TTL	<a href="#">Title</a>	IS	<a href="#">Inventor State</a>

<https://patft.uspto.gov/netahtml/PTO/help/help.htm>  
menggunakan menu HELP



The screenshot shows a web browser window displaying the USPTO Patent Full-Text and Image Database Help page. The browser's address bar shows the URL <https://patft.uspto.gov/netahtml/PTO/help/help.htm>. The page title is "USPTO PATENT FULL-TEXT AND IMAGE DATABASE". Below the title, there are five navigation buttons: "Home", "Quick", "Advanced", "Pat Num", and "Help". The "Help" button is highlighted in red. The main heading of the page is "Full-Text Database Help". Below the heading, there is a paragraph stating: "This page contains links to information on how to use the US Patent Full Text Database Search Pages." Below this paragraph, there is a list of links, each preceded by a green circular icon:

- [Frequently-Asked Questions](#)
  - [Quick Reference Sheet \[PDF\]](#)
  - [Web Database History](#)
- [How to Access Patent Full-page Images.](#)
- [How to Use the Advanced Search Page](#)
- [How to Use the Quick Search Page](#)
- [How to Use the Patent Number Search Page](#)

The browser's taskbar at the bottom shows the date and time as 10/17/2022 12:00, and the weather as 32°C Cerah. The system tray also shows the date 21-Jul-21 and a notification icon with the number 3.

<https://worldwide.espacenet.com/>

SMART

The screenshot shows the Espacenet website interface. At the top, there is a navigation bar with the Espacenet logo and the text "Espacenet Patent search". Below this, there is a menu with options like "About Espacenet" and "Other EPO online services". The main content area features a "Smart search" section with a search input field and a "Clear" button. A "Maintenance news" section is also visible, with a sub-header "Regular maintenance outages: scheduled between 05.00 and 05.30 hrs CET, Monday to Sunday. → read more...". The bottom of the page shows a Windows taskbar with the date "10/17/2022" and system information like "33°C Cerah" and "21-Jul-21".

← → ↻ worldwided.espacenet.com/?locale=en\_EP

Apps login\_verify2 identifier Beranda DJKI - Dire... theory of justice - G... Macam Bank Pemb... Gmail YouTube Maps News Translate Reading list

Europäisches Patentamt  
European Patent Office  
Office européen des brevets

Deutsch English

Change

← About Espacenet Other EPO online services ▾

Search Result list My patents list (0) Query history Settings Help

**Smart search**

Advanced search

Classification search

**Maintenance news**

Regular maintenance outages: scheduled between 05.00 and 05.30 hrs CET, Monday to Sunday. → read more...

**Espacenet: free access to over 120 million patent documents**

Smart search:  Sie

[Clear](#)

**New Espacenet is here**

Why not move to the new [interface](#) and get started right away?

10/17/2022 33°C Cerah 12:04 21-Jul-21 3

## ADVANCED

worldwide.espacenet.com/advancedSearch?locale=en\_EP

Search Result list My patents list (0) Query history Settings Help

### Advanced search

Select the collection you want to search in ⓘ

Worldwide - collection of published applications from 100+ countries

**Enter your search terms - CTRL-ENTER expands the field you are in**

Enter keywords

Title: ⓘ plastic and bicycle

Title or abstract: ⓘ hair

Enter numbers with or without country code

Publication number: ⓘ WO2008014520

**Quick help**

- [How many search terms can I enter per field?](#)
- [How do I enter words from the title or abstract?](#)
- [How do I enter words from the description or claims?](#)
- [Can I use truncation/wildcards?](#)
- [How do I enter publication, application, priority and NPL reference numbers?](#)
- [How do I enter the names of persons and organisations?](#)
- [What is the difference between the IPC and the CPC?](#)
- [What formats can I use for the](#)

<https://patentscope.wipo.int/>

The screenshot shows a web browser window with the URL [patentscope.wipo.int/search/en/search.jsf](https://patentscope.wipo.int/search/en/search.jsf). The page features a dark navigation bar with the WIPO logo, a 'Covid-19 Update' button, and links for 'HELP', 'ENGLISH', and 'LOGIN'. Below the navigation bar, there are links for 'Feedback', 'Search', 'Browse', 'Tools', and 'Settings'. The main heading is 'SIMPLE SEARCH'. The content area contains several paragraphs of text with links: 'Using PATENTSCOPE you can search 97 million patent documents including 4.1 million published international patent applications (PCT). [Detailed coverage information](#)', 'PCT publication 28/2021 (15.07.2021) is now available [here](#). The next PCT publication 29/2021 is scheduled for 22.07.2021. [More](#)', 'Check out the [new PATENTSCOPE features](#): CPC, NPL, Families ...', and '[Search Facility to Support COVID-19 Innovation Efforts](#)'. At the bottom, there is a search form with a dropdown menu set to 'Field Front Page', a search input field containing 'Search terms...', a search button, and a 'Query Examples' link. The Windows taskbar at the bottom shows the date '10/17/2022', the time '12:13', and the weather '33°C Cerah'.

<https://patentscope.wipo.int/search/en/advancedSearch.jsf>

patentscope.wipo.int/search/en/advancedSearch.jsf

WIPO IP PORTAL MENU PATENTSCOPE Covid-19 Update X HELP ENGLISH LOGIN WIPO

Feedback Search ▾ Browse ▾ Tools ▾ Settings

# ADVANCED SEARCH ▾

Search terms...

Query Assistant Query Examples

+ Expand with related terms

Offices  
All

10/17/2022 12:15 33°C Cerah 21-Jul-21

<https://patentscope.wipo.int/search/en/help/help.jsf>



**THE PATENTSCOPE  
USER'S GUIDE**

Updated March 2021