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การสืบค้นสิทธิบัตรจาก ฐานข้อมูล Patentscope



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Declarations under Rule 4.17:
 — as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(i))
 — upon request of the applicant, before the expiration of the time limit referred to in Article 21(2)(a)

Published:
 [Continued on next page]

(54) Title: FIREFIGHTERS DRONE ARRANGEMENT

(57) Abstract: To provide a firefighters drone arrangement (20), such that the drones (21) are installed on an on-tank support base (32) on the top surface of the truck's (22) tank (23), wherein the hydrant (26) is extended through a carrier ring (27) at bottom of each drone (21), and pulled up while the drones (21) are released up. The drones set (24) can either use a set of two drones, such that the leader drone (25) is carrying up the tip of the hydrant (26) to spray toward the fire, while the second supporting drone (30) is carrying the hydrant's (26) extension away from the building, such that this arrangement (20) is used for firefighting of a fire blowing out of a flat in a high rise building, or the set of drones (24) are to be made of three or more, to create an arc shape for the hydrant (26) over the inaccessible terrain toward a deep unreachable fire inside a forest.

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Patentscope Data Coverage

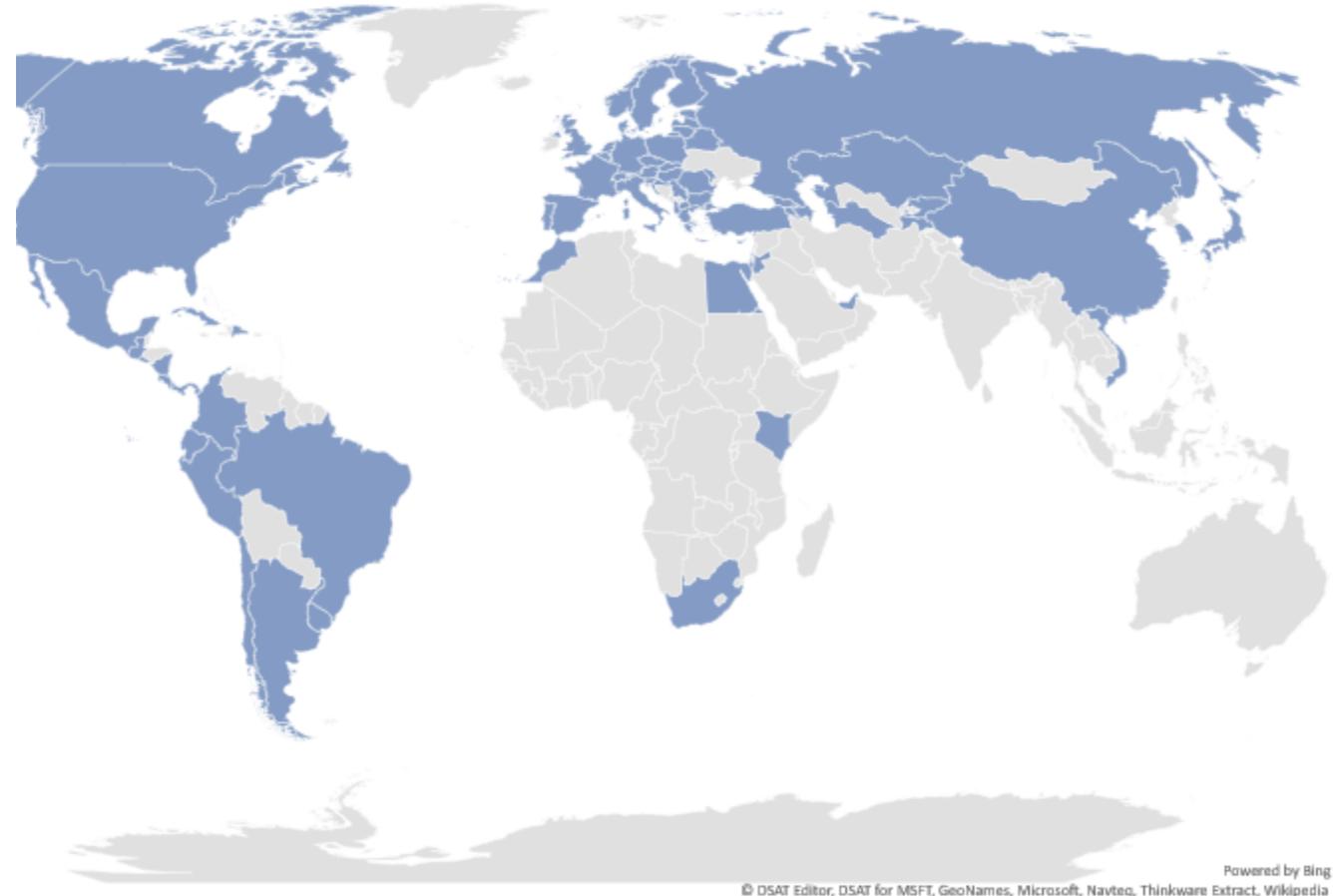
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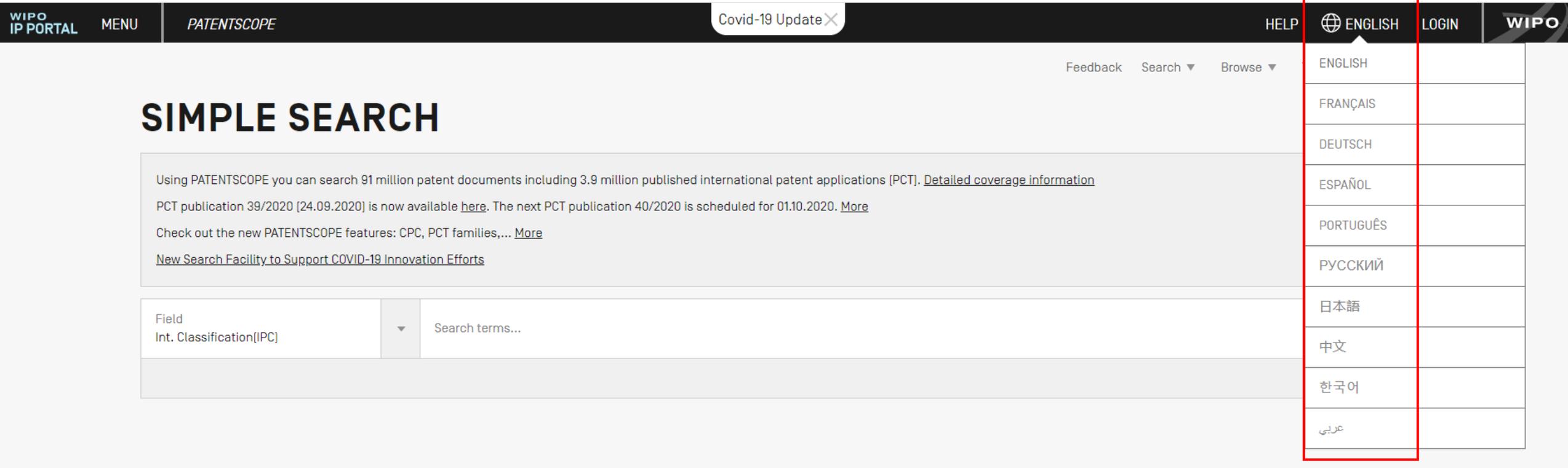
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Patentscope

http://patentscope.wipo.int

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Feedback Search Browse

SIMPLE SEARCH

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Field
Int. Classification[IPC] Search terms...

ENGLISH
FRANÇAIS
DEUTSCH
ESPAÑOL
PORTUGUÊS
РУССКИЙ
日本語
中文
한국어
عربي

Simple Search



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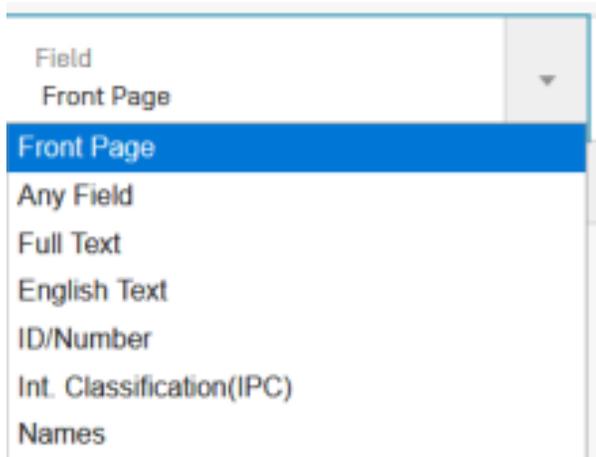
- Simple
- Advanced Search
- Field Combination
- Cross Lingual Expansion
- Chemical compounds [login required]

- Field
- Front Page
- Front Page
- Any Field
- Full Text
- English Text
- ID/Number
- Int. Classification(IPC)
- Names

Search terms...



Query Examples



search fields:

- 1. Front page:** the search criteria you entered in this field will be searched in the front page of the document (**title, abstract, names and numbers**).
- 2. Any field:** the search criteria you entered in this field will be searched in **any fields of the document**.
- 3. Full-text:** enter your query in this field **if you are interested in full-text**.
- 4. English text:** the search criteria you entered in this field **will be searched in texts in English**.
- 5. ID/Number:** enter publication number, filing number, etc.
- 6. IPC:** enter any International Patent Classification code.
- 7. Names:** enter your search in this field to look for **the name of an inventor, an applicant, a company**, etc.

Advanced Search

ADVANCED SEARCH ▾

Search terms... 1

PATENTSCOPE expert search interfaces that can be used **to create complex search queries** using an unlimited number of terms

Query Assistant Query Examples

Expand with related terms

Offices

All 2

Languages

English 3

Stemming 4

Single Family Member 5

Reset

Search

Advanced Search

How to create the search queries for Advanced search

- A wide range of operators (used to combine search terms) to customize your search
 - Boolean operator
 - Proximity operator
 - Range operator
- Field codes to define the fields in which search terms must be found

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

e.g.

Symbol	Name
AN	Application Number
PA	Applicant Name
CTR	Country
EN_AB	English Abstract
EN_ALL	English All
DP	Publication Date
WO	WIPO Publication Number

Advanced Search

? Different ways to use *Advanced Search*

1. Searching for inventions filed by Apple inc. published during the period from 2007 to 2009 comprising the keyword “touch” in the description

PA:(apple inc) AND DP:[2000 TO 2010] AND EN_DE:(touch)

2,435 results

2. Searching for inventions related to “cutting tree trunks”:

cutting AND trunk cutting NEAR5 trunk

Most of which are related to the wood industry.

– NEAR to ensure that the **two terms are close to each other in your results** and specifies that they must be within 5 words of each other by defining the value as NEAR5.

Field combination

To use the Field Combination interface:

1. Select the field/s of interest using the arrow of the drop-down menu
2. Use the AND/OR boxes to add or include fields
3. If you would like to add more fields or remove one or more fields, please click the + or - signs:

FIELD COMBINATION ▾
Browse ▾ Tools ▾ Settings

	Field Front Page	▾	Value	?
Operator AND	Field WIPO Publication Number	▾	Value	?
Operator AND	Field Application Number	▾	Value	?
Operator AND	Field Publication Date	▾	Value	?
Operator AND	Field English Title	▾	Value	?
Operator AND	Field Abstract	▾	Is Empty: N/A	▾
Operator AND	Field Licensing availability	▾	<input type="checkbox"/>	

+ Add another search field
- Reset search fields

Offices
All
▾

Languages
English
▾

Stemming

Single Family Member

Reset
Search

Field combination

Example: Searching keyword “polycarbonate AND resin” in **English Claims**

FIELD COMBINATION ▾

	Field	Value
	Any Field	
Operator AND	Field English Claims	Value <u>polycarbonate</u>
Operator AND	Field English Claims	Value resin
Operator AND	Field Publication Date	Value
Operator AND	Field English Title	Value
Operator AND	Field Abstract	Is Empty: No
Operator AND	Field Licensing availability	<input type="checkbox"/>

Offices: All
 Languages: English
 Stemming
 Single Family Member

Search query: EN_CL:(polycarbonate) AND EN_CL:(resin) AND AB:[* TO *]
 28,614 results Offices all Languages en Stemming true Single Family Member true
 Sort: Relevance Per page: 10 View: All 1 / 2,862 Machine translation

- WO/2016/071126** COMPOSITION FOR POLYMERIC CHAIN EXTENSION WO - 12.05.2016
 Int.Class [C08J 11/28](#) Appl.No PCT/EP2015/074830 Applicant CLARIANT PLASTICS & COATINGS LTD Inventor WOLF, Jürgen
 The present invention relates to a composition comprising at least one compound of the formula [I] wherein R1, R2 and R3 are the same or different and denote a C1-C10-alkyl, and at least one carrier resin.
- WO/2019/132370** PROTECTIVE SHEET HAVING EXCELLENT ADHESION WITH RESPECT TO EDGE PORTION, AND DISPLAY DEVICE COMPRISING SAME WO - 04.07.2019
 Int.Class [C09J 7/20](#) Appl.No PCT/KR2018/018079 Applicant LMS CO.,LTD Inventor LEE, Eun Mi
 The present invention relates to a protective sheet for a display device, comprising: a substrate layer; and an adhesive layer formed on one surface of the substrate layer. The protective sheet is relatively excellent in terms of adhesion with respect to an edge portion and can effectively protect the surface of a display device in which a part of the surface is formed as a curved surface.

Refine Keyword

28,614 results

28,614 results