



PATENTSCOPE

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

Martina Machátová

Poslední aktualizace: 9. 3. 2022

Charakteristika



- **Databáze zachycuje asi 101 milion patentových dokumentů, z toho tvoří asi 4 mil. záznamy přihlášky PCT. Báze také obsahuje některé národní a regionální patentové dokumenty.**
- **Databázi buduje Světová organizace duševního vlastnictví (WIPO – World Intellectual Property Office).**



Plánované akce v MZK - Tabulky x (5640) Roundcube Webmail z Pfi x WIPO - World Intellectual Proper x +

wipo.int/portal/en/

Aplikace Vlastní odkazy Importováno z apli... MZK Moravska zemská k... Roundcube Webmail AUT - Základní vyhl... Google Espacenet Národní knihovna Č... https://docs.google... Kalendář MZK www.lrpv.gov.lv/sit... » Ostatní záložky Seznam četby

Media Meetings Contact Us IP Portal English

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

IP Services Policy Cooperation **Resources** About IP About WIPO

Search WIPO

IP Databases

- PATENTSCOPE**
- Global Brand Database
- Madrid Monitor
- Global Design Database
- Hague Express
- Lisbon Express
- Article 6ter

Legal Resources

- WIPO Lex
- WIPO Administered Treaties

Artificial Intelligence Tools

- Machine translation
- Image search
- Speech-to-text
- Automatic classification

Technical Resources

- International Classifications
- Standards (WIPO Handbook)
- Terminology (WIPO Pearl)

Insight and Analysis

- WIPO Technology Trends
- Global Innovation Index
- World Intellectual Property Report

Information Resources

- Documents
- Statistics
- Publications
- Country Profiles
- Case Studies
- WIPO Knowledge Center

China has joined WIPO's Hague System for the International Registration of Industrial Designs, marking a major development for the International Design System, as well as the Marrakesh Treaty, bringing one of the world's great cultural and literary traditions into the Marrakesh community.

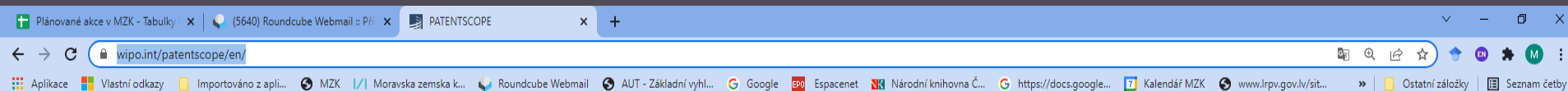
World Intellectual Property Day 2022: IP and Youth

All news

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

PATENTSCOPE - přístup

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



[Media](#) | [Meetings](#) | [Contact Us](#) | [IP Portal](#) | [English](#)

[IP Services](#) | [Policy](#) | [Cooperation](#) | [Resources](#) | [About IP](#) | [About WIPO](#)

Search WIPO

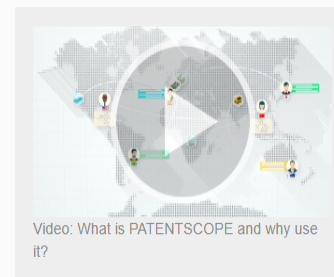
[Home](#) > [Resources](#) > **PATENTSCOPE**

PATENTSCOPE

The PATENTSCOPE database provides access to international Patent Cooperation Treaty (PCT) applications in full text format on the day of publication, as well as to patent documents of participating national and regional patent offices.

The information may be searched by entering keywords, names of applicants, international patent classification and many other search criteria in multiple languages.

[Access the PATENTSCOPE database](#)

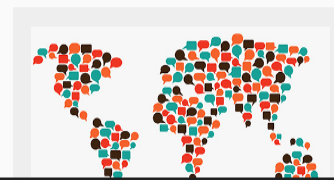


News

[All news](#)

Milestone celebration: over 100 million patent documents in PATENTSCOPE

January 12, 2022



Vyhledávací možnosti



Lze používat

- logické a proximitní operátory,
- náhrady znaků:
 - * neomezené množství,
 - ? 1 znak,
- oboustranné horní uvozovky pro frázi.

Jednoduché vyhledávání



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

Plánované akce v MZK - Tabulky x (5641) Roundcube Webmail : Přílohy x PATENTSCOPE x WIPO - Search International and x +

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

Aplikace Vlastní odkazy Importováno z apli... MZK I/I Moravská zemská k... Roundcube Webmail AUT - Základní vyhl... Google EPO Espacenet Národní knihovna Č... https://docs.google... Kalendář MZK www.lrpv.gov.lv/sit... » Ostatní záložky Seznam čteny

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

Feedback Search ▼ Browse ▼ Tools ▼ Settings

SIMPLE SEARCH

Using PATENTSCOPE you can search 102 million patent documents including 4.3 million published international patent applications (PCT).

[Detailed coverage information](#)

PCT publication 09/2022 [03.03.2022] is now available [here](#). The next PCT publication 10/2022 is scheduled for 10.03.2022. [More](#)

Check out the [new PATENTSCOPE features](#): CPC, NPL, Families ...

[Search Facility to Support COVID-19 Innovation Efforts](#)

Field

Front Page

Front Page

Any Field

Full Text

ID/Number

Int. Classification(IPC)

Names

Publication Date

Search terms...

hands-free umbrella*



Query Examples



Výsledky

Nastavení zobrazení



Plánované akce v MZK - Tabulky x (5641) Roundcube Webmail - Pří: x PATENTSCOPE x WIPO - Search International and x +

patentscope.wipo.int/search/en/result.jsf?_vid=P20-LOGKKZ-07751

Feedback Search Browse Tools Settings

FP:(hands-free umbrella*)

167 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 200 View: All 10 50 100 1 / 1 Machine translation

- 20190307254 APPARATUS AND DEVICES FOR RESPONSIVE UMBRELLA WITH HANDS-FREE MECHANISM** US - 10.10.2019
Int.Class A45B 11/02 Appl.No 16450960 Applicant Deborah Scrone-Smith Inventor Deborah Scrone-Smith
The present disclosure relates to a responsive **umbrella** with a **hands-free** mechanism that allows a user to operate and hold the responsive **umbrella** without requiring the use of their **hands**. The **hands-free** mechanism may be a wearable strap or harness. A responsive **umbrella** may be adjustable for the angle of extension from the **hands-free** mechanism, which may allow a user to adapt the responsive **umbrella** for different ambient conditions.
- 1020060023053 FLEXIBLE ARM TYPE OF HANDS-FREE UMBRELLA ATTACHMENT CAPABLE OF FIXING A GRIPPER OF THE UMBRELLA ON SHOULDER OF A USER** KR - 13.03.2006
Int.Class A45B 11/02 Appl.No 1020040071877 Applicant DR. DARYN PETERSON Inventor DR. DARYN PETERSON
PURPOSE: A flexible arm type of **hands-free umbrella** attachment is provided to fix a gripper of an **umbrella** on the shoulder of a user and enable **free** use of both of **hands** by winding a gripper attachment having a sponge cover in an elongated flexible arm form around the shoulder of the user.
CONSTITUTION: The flexible arm type of **hands-free umbrella** attachment has a flexible arm(2) fixed in a screw hole(3) of a sponge cover(1), a pipe to receive the screw hole(3) and the sponge cover(1) wound around either of shoulders of a user. The flexible arm(2) is wound and attached to the shoulder to stably fix an **umbrella** without using **hands**. The flexible arm has a role of gripper of the **umbrella** and supports weight of the **umbrella**.

5. US10912356 - HANDS FREE UMBRELLA APPARATUS

National Biblio. Data Description Claims Drawings Documents

Office

United States of America

Application Number

16720239

Application Date

19.12.2019

Publication Number

10912356

Publication Date

09.02.2021

Grant Number

10912356

Grant Date

09.02.2021

Publication Kind

B1

IPC

A45B 11/02

A45C 13/40

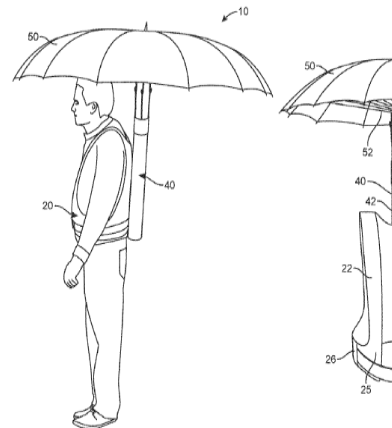
CPC

A45C 13/40

A45B 11/02

Title

[EN] Hands free umbrella apparatus



Abstract

[EN]

A hands-free umbrella holder is disclosed herein. The hands-free umbrella holder includes a back covering having adjustable shoulder straps, shoulder covering, and an umbrella holding sleeve on the back covering. The umbrella holder includes a vest assembly having a shoulder portion extending substantially along a user's shoulders and towards their stomach area. The vest includes side openings providing the user ample room to move their arms. Additionally, the vest includes a back portion having a holding assembly mounted thereon. The holder assembly is a tube member that is attached to the vest through means of brackets and screws. An umbrella is then placed within the tube providing the user with shielding from the sun and other weather conditions while having full use of their hands.

PermaLink

Machine translation

WIPO Translate

English

French

German

Spanish

Russian

Korean

Japanese

Chinese

Arabic

Portuguese

Italian

Finnish

Strojový překlad



Moravská zemská knihovna v Brně PATENTSCOPE CN111920159 Sun-rain umbrella

patentscope.wipo.int/search/en/detail.jsf?docId=CN311665923&_cid=P22-LOGPUI-88257-1

Aplikace Vlastní odkazy Importováno z apli... MKZ Moravská zemská k... Roundcube Webmail AUT - Základní vyhl... Google Espacenet Národní knihovna Č... https://docs.google... Kalendář MKZ www.lrpv.gov.lv/sit... Ostatní záložky Seznam četby

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

Feedback Search ▾ Browse ▾ Tools ▾ Settings

1. CN111920159 - SUN-RAIN UMBRELLA WITH HAND-FREE DEVICE



National Biblio. Data Description Claims Drawings Documents

Note: Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

[ZH]

一种带有免手持装置的晴雨伞

技术领域

本发明涉及一种雨伞，尤其是一种带有免手持装置的晴雨伞。

背景技术

众所周知，现有雨伞均是手持式，雨伞的底部带有手柄，无论是遮阳用途还是雨天遮雨用途均用手持，给出行带来不便。

发明内容

本发明主要目的是要克服上述问题中的不足之处，提供一种带有免手持装置的晴雨伞。

为克服上述问题，本发明采用的技术方案是：

其特征包括伞柄底端部带有磁铁的雨伞、免持套环装置、腰带磁性固定器、以及连接免持套环装置和腰带磁性固定器的可伸缩连接杆四部份。其中免持套环设置有A、B、C、3处磁性连接锁紧装置。使用时可酌情将雨伞与其中之一牢固连接。同时将免持套环套在肩腋下，胳膊自然下垂即可将其夹紧。然后再将免持套环下端磁性锁紧装置通过伸缩连接杆吸合固定在腰带磁性固定器上，实现了雨伞肩部两点固定，从而实现了雨伞的免手持，解放人的双手的出行目的。克服了现有雨伞需要手

PermaLink

Machine translation ▾

WIPO Translate ▸

English
French
German
Spanish
Russian
Korean
Japanese
Chinese
Arabic
Portuguese
Italian
Finnish

Výsledky Zpřesnění a analýzy



FP:(hands-free umbrella*)



167 results

Offices all

Languages en

Stemming true

Single Family Member false

Include NPL false



Sort: Relevance Per page: 200 View: All

1 / 1

Machine translation

1. 20190307254 APPARATUS AND DEVICES FOR RESPONSIVE UMBRELLA WITH HANDS-FREE MECHANISM

US - 10.10.2019

Int.Class A45B 11/02 Appl.No 16450960 Applicant Deborah Scrone-Smith Inventor Deborah Scrone-Smith

The present disclosure relates to a responsive umbrella with a hands-free mechanism that allows a user to operate and hold the responsive umbrella without requiring the use of their hands. The hands-free mechanism may be a wearable strap or harness. A responsive umbrella may be adjustable for the angle of extension from the hands-free mechanism, which may allow a user to adapt the responsive umbrella for different ambient conditions.

2. 1020060023053 FLEXIBLE ARM TYPE OF HANDS-FREE UMBRELLA ATTACHMENT CAPABLE OF FIXING A GRIPPER OF THE UMBRELLA ON SHOULDER OF A USER

KR - 13.03.2006

Int.Class A45B 11/02 Appl.No 1020040071877 Applicant DR. DARYN PETERSON Inventor DR. DARYN PETERSON

PURPOSE: A flexible arm type of hands-free umbrella attachment is provided to fix a gripper of an umbrella on the shoulder of a user and enable free use of both of hands by winding a gripper attachment having a sponge cover in an elongated flexible arm form around the shoulder of the user.

CONSTITUTION: The flexible arm type of hands-free umbrella attachment has a flexible arm(2) fixed in a screw hole(3) of a sponge cover(1), a pipe to receive the screw hole(3) and the sponge cover(1) wound around either of shoulders of a user. The flexible arm(2) is wound and attached to the shoulder to stably fix an umbrella without using hands. The flexible arm has a role of gripper of the umbrella and supports weight of the umbrella.



Výsledky

Filtry/zpřesnění dotazu



FP:(hands-free umbrella*)



67 results Offices all Languages en Stemming true Single Family Member false Include NPL false



ANALYSIS

Close

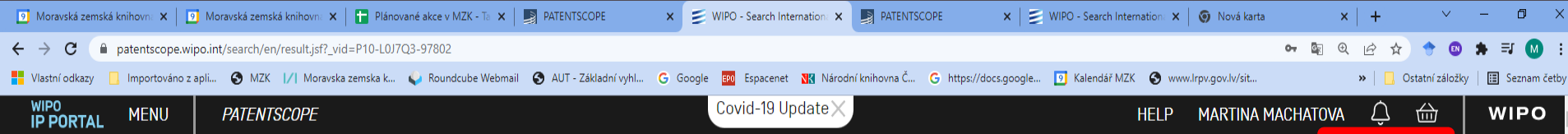
Filters

Charts

Countries		Applicants		Inventors		IPC code		Publication Dates	
United States of America	45	KOSUGE KATSUHIRO	4	D'AMICO, VELLA	2	A45B	130	2013	12
		ANDRADE BERTHA R	2	DEBORAH SCRONE-SMITH	2	A45F	29	2014	4
China	38	BODEN BONNIE	2			A45C	17	2015	7
Japan	23	D'AMICO VELLA	2	HE ZHENGLIN	2	B60R	7	2016	3
Republic of Korea	16	DEBORAH SCRONE SMITH	2	KATO TADAHICO	2	A47G	6	2017	12
United Kingdom	10			KOSUGE KATSUHIRO	2	A42B	4	2018	11
PCT	8	HE ZHENGLIN	2	KOSUGE, KATSUHIRO	2	A41D	3	2019	11
Australia	5	JANG KEUM HWAN	2	PRESTON VERRET	2	A47C	3	2020	13
Germany	4	KATO TADAHICO	2	SONG AH BIN	2	B62B	3	2021	11
India	4	LAZO ANTUNEZ	2	ALBERTO HERREJON	1				

Analýza výsledků

Nastavení počtu výsledků k analýze



SETTINGS

Query Office **Result** Download Interface Others

Result List Language
Default

☐ Analysis tab open

Analysis type
Table

Analysis graph
bar

No of Items/Group
25

Group by *

- ☒ Countries
- ☐ Offices
- ☒ Applicants
- ☒ Inventors
- ☒ IPC code
- ☐ CPC code
- ☒ Publication Dates
- ☐ Filing Dates
- ☐ Kind code

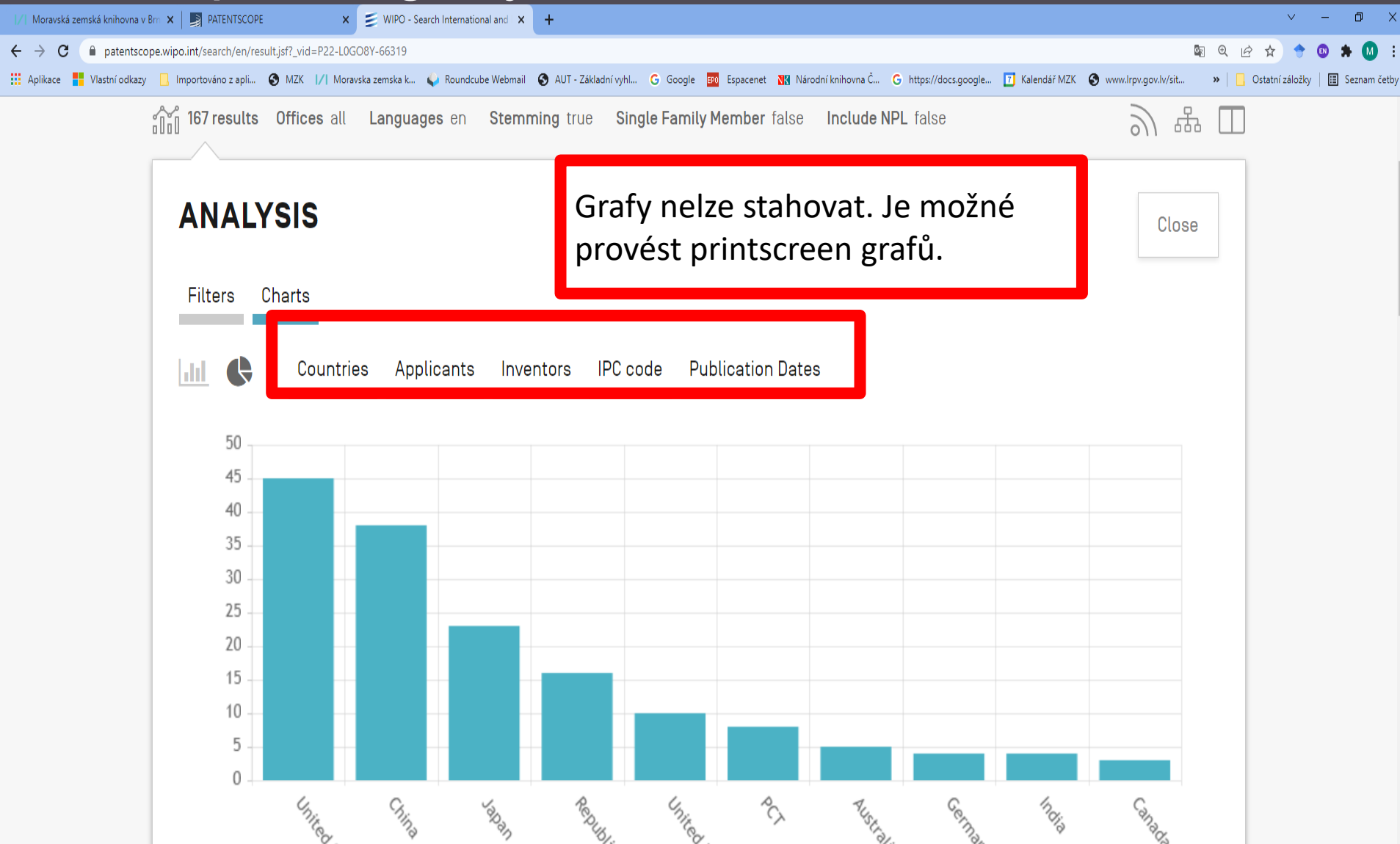
Reset Close Save

Automaticky se analyzuje pouze 10 výsledků. V nastavení (settings) lze navýšit počet výsledků na 25 (maximum).

FP:(beverage* AND (umbrella* OR shading))

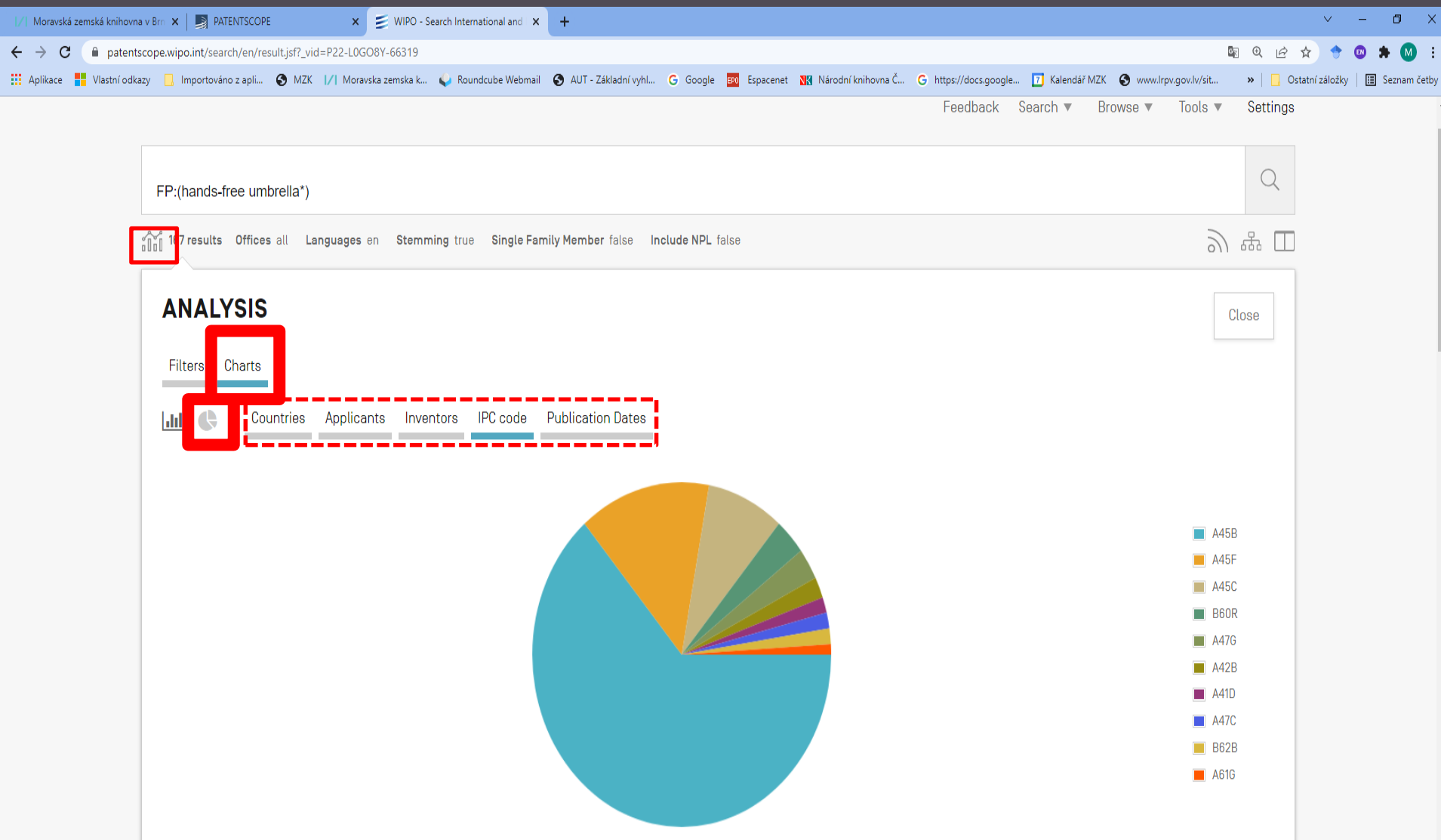
Analýza výsledků

Sloupcové grafy



Analýza výsledků

Koláčové grafy



Kombinace polí



Browser tabs: Moravská zemská knihovna v Brně, PATENTSCOPE, WIPO - Search International and ...

Address bar: patentscope.wipo.int/search/en/structuredSearch.jsf

Navigation bar: WIPO IP PORTAL, MENU, PATENTSCOPE, Covid-19 Update, HELP, ENGLISH, LOGIN, WIPO

Search dropdown menu:

- Search
- Simple
- Advanced Search
- Field Combination
- Cross Lingual Expansion
- Chemical compounds (login required)

FIELD COMBINATION

	Field		Value	
Operator AND	Field WIPO Publication Number		Value	
Operator AND	Field English Abstract		Value shading beverage*	
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		☐	

Možnost kombinace polí a operátorů

Buttons: (+) Add another search field, (-) Reset search fields

Offices: All

Footer: https://patentscope.wipo.int/search/en/structuredSearch.jsf#

Stahování záznamů

Nutná registrace a přihlášení.



patentscope.wipo.int/search/en/result.jsf?_vid=P10-L0J7Q3-97802

WIPO IP PORTAL MENU PATENTSCOPE Covid-19 UpdateX HELP MARTINA MACHATOVA

Po bezplatné registraci a přihlášení lze stahovat nalezené záznamy. Není možné provést výběr záznamů k downloadu.

Feedback Search Browse Tools Settings

FP:(beverage* AND (umbrella* OR shading))

170 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 200 View: All

Download 100 results 10,000 results

1. **1998129741** LIGHT-SHADING PAPER CUP

Int.Class B65D 81/30 Appl.No 1996288486 Applicant TOPPAN PRINTING CO LTD Inventor YANA KU

PROBLEM TO BE SOLVED: To provide a light-shading cup of paper which appears nice, is hygienic, and keeps contents fresh, relating to a type which does not contain a layer of metal and enables applying a metal detector for the quality control of the contents, particularly concerning foods or beverages, by making inconspicuous the black polyethylene-forced out on the ends of the barrel, being a splice in the internal surface of the cup, or on the end of the bent bottom.

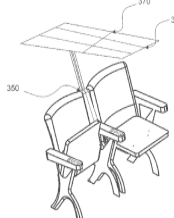
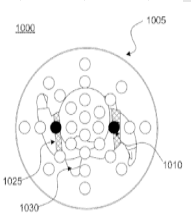
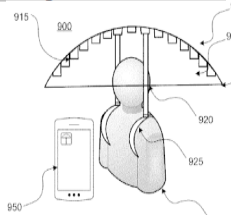
SOLUTION: The light-shading layer 10 of a light-shading paper cup 1 consists of colored polyethylene. In a conventional light-shading paper cup black polyethylene 10a as a light-shading layer 10 is forced out on the ends 30 of the barrel, etc., so conspicuously that it gives an unhygienic feeling to the consumer. This invention improves on this polyethylene, making the color inconspicuous and felt with cleanliness and yet without impairment of the light-shading property.

COPYRIGHT: [C]1998,JPO

Stažené záznamy



resultList [režim kompatibility] - Excel						
Soubor Domů Vlození Rozložení stránky Vzorce Data Revize Zobrazení Řekněte mi, co chcete udělat...						
Vložit Vymout Kopírovat Kopírovat formát Schránka Písmo Zarovnání Číslo Podminěné Formátovat formátování jako tabulku Styly Buňky Úpravy						
A1						
1						
2	Time: 09.03.2022 08:35:19					
3	Query: FP:(hands-free umbrella*)					
4	SortBy: Relevance					
5						
6	Application Id	Application Number	Application Date	Country	Title	IPC
	US254124219	16450960	24.06.2019	US	Apparatus and devices for responsive umbrella with hands-free mechanism	A45B 11/02; A47C 7/66; A45B 17/00; A45B 11/00; A47C 1/12; A45B 3/00; A45B 23/00
7	KR814648	1020040071877	08.09.2004	KR	FLEXIBLE ARM TYPE OF HANDS-FREE UMBRELLA ATTACHMENT CAPABLE OF FIXING A GRIPPER OF THE UMBRELLA ON SHOULDER OF A USER	A45B 11/02
8	US316413631	17066070	08.10.2020	US	Apparatus And Devices for Responsive Umbrella with Hands-Free Mechanism	A47C 7/66; A45B 17/00; A45B 11/00; A47C 1/12; A45B 3/00; A45B 11/02
9	US316413631	17066070	08.10.2020	US	Apparatus And Devices for Responsive Umbrella with Hands-Free Mechanism	A47C 7/66; A45B 17/00; A45B 11/00; A47C 1/12; A45B 3/00; A45B 11/02



ResultSet

Martina Machátová

Moravská zemská knihovna v Brně

Tel.: 541 646 170

E-mail: machat@mzk.cz