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Martina Machátová

Poslední aktualizace: 7. března 2022

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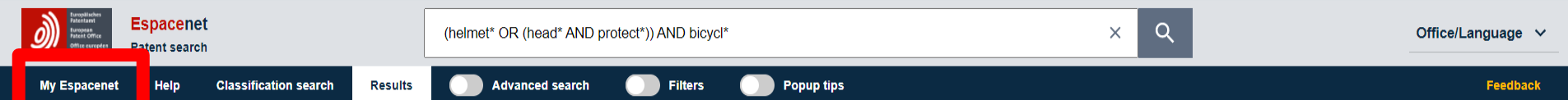
☐ 1. **A Helmet**
US10791789B2 (A1) • 2020-10-06 • **HEADKAYSE LTD**
Earliest priority: 2015-07-07 • Earliest publication: 2017-01-12
...A **helmet** is described, more specifically a **helmet** comprising a **protective shell** (10) formed of a flexible ex...
cavity for receiving the wearer's **head**, the shell being foldable, the **helmet** further comprising a strap (11) arrangement for fastening the shell to the wearer's **head**

☐ 2. **Attachment system for frontal helmet extension to a helmet**
AU2011312173A1 (B2) • 2013-05-02 • **FOX HEAD INC**
Earliest priority: 2010-10-05 • Earliest publication: 2012-04-12
...An attachment system for securing a frontal **helmet** extension to **protective headgear**, the attachment system including one or more magnetic elements disposed on the **helmet** and/or frontal **helmet** extension and one or more complementary elements disposed on the **helmet**... to detachably couple the frontal **helmet** extension to the **helmet** in a position wherein the frontal **helmet** extension extends forward ...

☐ 3. **Reflecting material**
US2007269669A1 (B2) • 2007-11-22 • **HEADLIGHT HELMETS AB**
Earliest priority: 1998-03-05 • Earliest publication: 1999-03-15
A method of manufacturing a retro-reflective shell having a curved or irregular surface for reflecting light in all directions from a laminated product, comprising a substantially flat sheet of a plastic material and a reflective layer on at least one side of said flat sheet plastic material. The reflective layer comprises a transparent adhesive substance and transparent glass or plastic pearls with a diameter between 0.01 and 0.05 mm. The substance adheres to the flat sheet plastic material, to

☐ 4. **Safety helmet**
US2009049586A1 • 2009-02-26 • **HEAD GERMANY GMBH**

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☐ 1. A Helmet US10791789B2 (A1) • 2020-10-06 • HEADKAYSE LTD Earliest priority: 2015-07-07 • Earliest publication: 2017-01-12 ... helmet is described, more specifically a helmet comprising a protective shell (10) formed of a flexible expanded polyurethane (EPU) material which defines a cavity for receiving the wearer's head , the shell being foldable, the helmet further comprising a strap (11) arrangement for fastening the shell to the wearer's head		
☒ 2. Attachment system for frontal helmet extension to a helmet A12011312173A1 (B2) • 2013-05-02 • FOX HEAD INC Earliest priority: 2010-10-05 • Earliest publication: 2012-04-12 ... an attachment system for securing a frontal helmet extension to protective headgear , the attachment system including one or more magnetic elements disposed on the helmet and/or frontal helmet extension and one or more complementary elements disposed on the helmet ... to detachably couple the frontal helmet extension to the helmet in a position wherein the frontal helmet extension extends forward ...		
☒ 3. Reflecting material US2007269669A1 (B2) • 2007-11-22 • HEADLIGHT HELMETS AB Earliest priority: 1998-03-05 • Earliest publication: 1999-03-15 A method of manufacturing a retro-reflective shell having a curved or irregular surface for reflecting light in all directions from a laminated product, comprising a substantially flat sheet of a plastic material and a reflective layer on at least one side of said flat sheet plastic material. The reflective layer comprises a transparent adhesive substance and transparent glass or plastic pearls with a diameter between 0.01 and 0.05 mm. The substance adheres to the flat sheet plastic material, to		
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☐ A41D1 24

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☐ 4. **Safety helmet**

US2009049586A1 • 2009-02-26 • **HEAD GERMANY GMBH**

**Možnost výběru
polí a kombinací
operátorů**

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Query language: en de fr

AND + Field

OR + Field

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AND + Field

Title, abstract or claims = → Group

head*

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protect*

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OR + Field

Text fields

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Abstract

Description

Claims

Title or abstract

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All text fields

Names

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1. Helmet with good bicycle motion protection perform...
CN212938206U • 2021-04-13 • JIANGSU VOCATIONAL...
Earliest priority: 2020-05-29 • Earliest publication: 2021-04-13
...The utility model discloses a helmet with good bicycle motion protection performance, which comprises a helmet main body, a protective... is electrically connected with a headset. The helmet

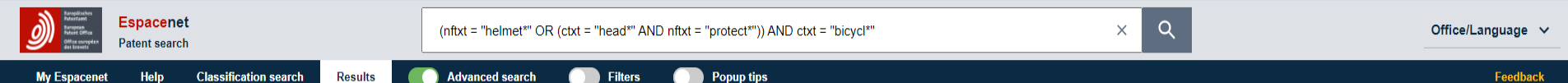
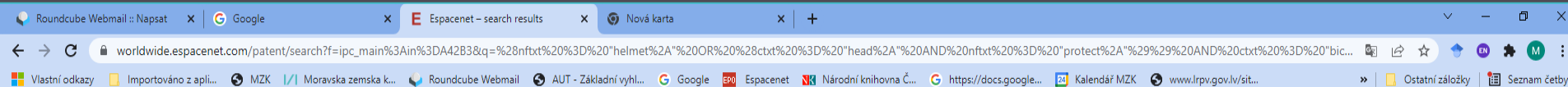
2. Bicycle protective helmet with internal ventilating sy...
CN105768317A • 2016-07-20 • TIANJIN YUNLIAN SCIE...
Earliest priority: 2014-12-20 • Earliest publication: 2016-07-20
...The invention provides a bicycle protective helmet with an internal ventilating system. The bicycle protective helmet comprises an outer-layer..., and when the helmet does not need to be used, the protective

3. Bicycle helmet
CN206284472U • 2017-06-30 • PENG JUNTAO
Earliest priority: 2016-10-31 • Earliest publication: 2017-06-30
...The utility model discloses a bicycle helmet, including helmet body and protection network, the protection network includes 3D three-dimensional... inlaid inside helmet body, the last screening glass that

4. Bicycle helmet

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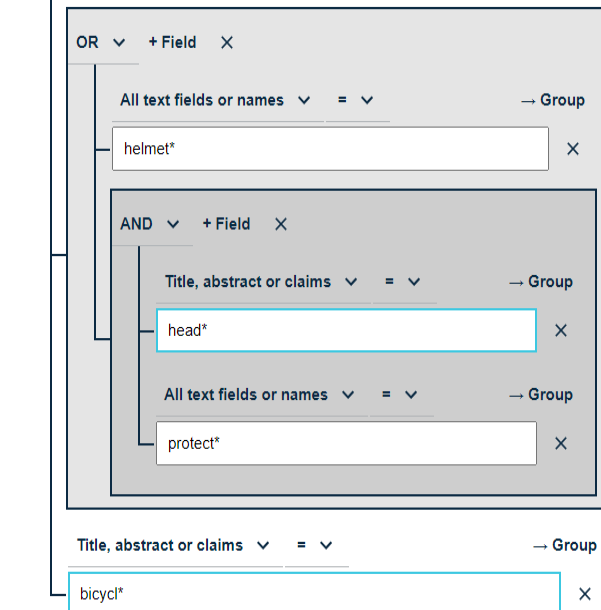


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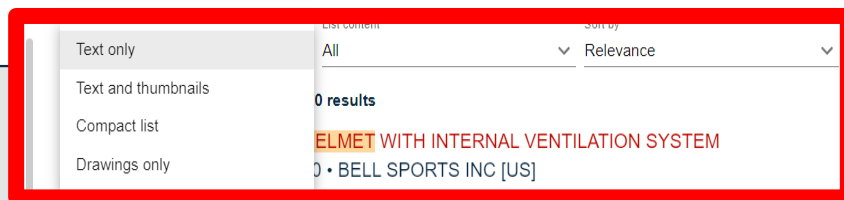
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Query language: en de fr v

AND v + Field



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...A bicycle helmet for protecting the head of a wearer includes an outer shell and an energy dissipating inner layer... for supporting the helmet upon the head of the wearer. The internal ventilation system provides a gap between the head of the wearer and the inner surface. The gap allows ventilating air to flow over a substantial extent of the wearer's head and

2. Head protector used for bicycle
CN108236158A • 2018-07-03 • TIANJIN FENGKAI TECH CO LTD
Earliest priority: 2016-12-26 • Earliest publication: 2018-07-03

...The invention discloses a head protector used for a bicycle. The head protector used for a bicycle comprises a helmet body, wherein a solar panel is arranged at the top end of the outside of the helmet body, air outlets... is prevented from disturbance, and thus improving the riding safety and meeting the requirement of riders of the modern society on helmets

3. Bicycle intelligence head protective equipment that adaptation head form changes
CN207870376U • 2018-09-18 • CHENGDU YIZHONGLI NETWORK TECH CO LTD
Earliest priority: 2018-01-03 • Earliest publication: 2018-09-18

...The utility model discloses a bicycle intelligence head protective equipment that adaptation head form changes, including helmet shell body, helmet... for below 13 of helmet shell body surface area, surface cover at helmet shell body has outer protecting film, be... worn, avoids the helmet and head form improper and lead to the not hard up phenomenon

4. Head type self-adaptive bicycle helmet
CN213695885U • 2021-07-16 • NANJING CHUQING ELECTRONIC TECH CO LTD

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☒ 1. PROTECTIVE BICYCLE HELMET WITH INTERNAL VENTILATION SYSTEM

WO2013152322A1 • 2013-10-10 • BELL SPORTS INC [US]

Earliest priority: 2012-04-06 • Earliest publication: 2013-10-10

...A bicycle helmet for protecting the head of a wearer includes an outer shell and an energy dissipating inner layer... for supporting the helmet on the head of a wearer. The internal ventilation system provides a gap between the head of the wearer and the inner surface. The gap allows ventilating air to flow between the head of the wearer's head and within the helmet. ...

☐ 2. Head protector used for bicycle

CN108236158A • 2018-07-03 • TIANJIN FENGKAI TECH CO LTD

Earliest priority: 2016-12-26 • Earliest publication: 2018-07-03

...The invention discloses a head protector used for a bicycle. The head protector used for a bicycle comprises a helmet body, wherein a solar panel is arranged at the top end of the outside of the helmet body, air outlets... is prevented from disturbance, and thus improving the riding safety and meeting the requirement of riders of the modern society on helmets of the bicycle. ...

☒ 3. Bicycle intelligence head protective equipment that adaptation head form changes

CN207870376U • 2018-09-18 • CHENGDU YIZHONGLI NETWORK TECH CO LTD

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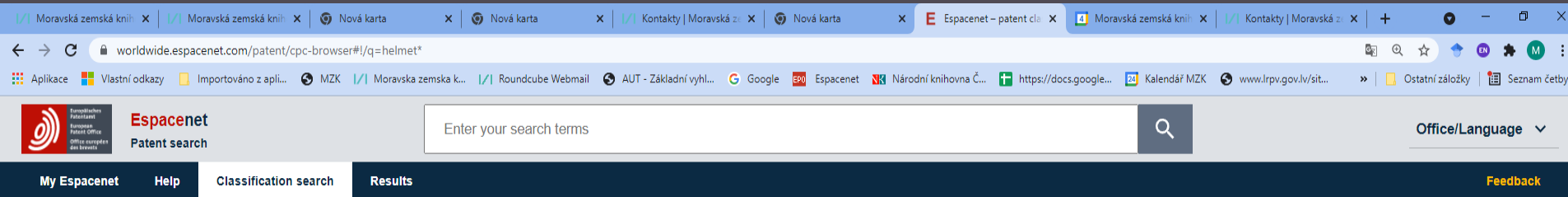
☐ 4. Head type self-adaptive bicycle helmet

CN213695885U • 2021-07-16 • NAN JING CHUQING ELECTRONIC TECH CO LTD

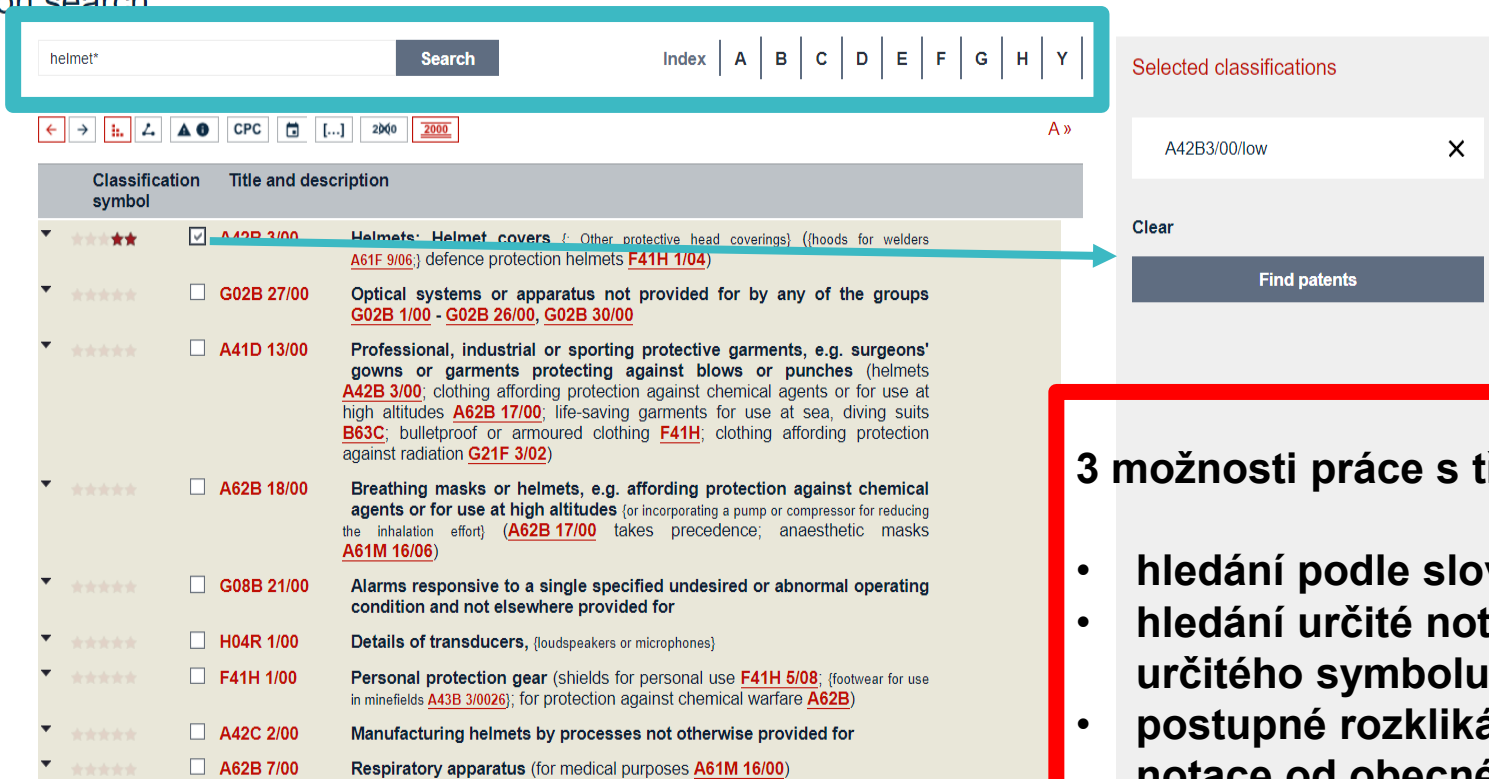
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Hledání podle Cooperative Patent Classification (CPC)



Classification search



Classification symbol	Title and description
☒ A42B 3/00	Helmets; Helmet covers (other protective head coverings) (hoods for welders A61F 9/06 ; defence protection helmets F41H 1/04)
☐ G02B 27/00	Optical systems or apparatus not provided for by any of the groups G02B 1/00 - G02B 26/00, G02B 30/00
☐ A41D 13/00	Professional, industrial or sporting protective garments, e.g. surgeons' gowns or garments protecting against blows or punches (helmets A42B 3/00 ; clothing affording protection against chemical agents or for use at high altitudes A62B 17/00 ; life-saving garments for use at sea, diving suits B63C ; bulletproof or armoured clothing F41H ; clothing affording protection against radiation G21F 3/02)
☐ A62B 18/00	Breathing masks or helmets, e.g. affording protection against chemical agents or for use at high altitudes (for incorporating a pump or compressor for reducing the inhalation effort) (A62B 17/00 takes precedence; anaesthetic masks A61M 16/06)
☐ G08B 21/00	Alarms responsive to a single specified undesired or abnormal operating condition and not elsewhere provided for
☐ H04R 1/00	Details of transducers, (loudspeakers or microphones)
☐ F41H 1/00	Personal protection gear (shields for personal use F41H 5/08 ; (footwear for use in minefields A43B 3/0026); for protection against chemical warfare A62B)
☐ A42C 2/00	Manufacturing helmets by processes not otherwise provided for
☐ A62B 7/00	Respiratory apparatus (for medical purposes A61M 16/00)

Selected classifications

A42B3/00/low X

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3 možnosti práce s třídíkem:

- hledání podle slov,
- hledání určité notace / určitého symbolu,
- postupné rozklikávání notace od obecného ke specifickému.

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cpc = "A42B3/00/low" AND ctxt = "bicycle*"



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Publication date (publication) ▼

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Earliest priority date ▼

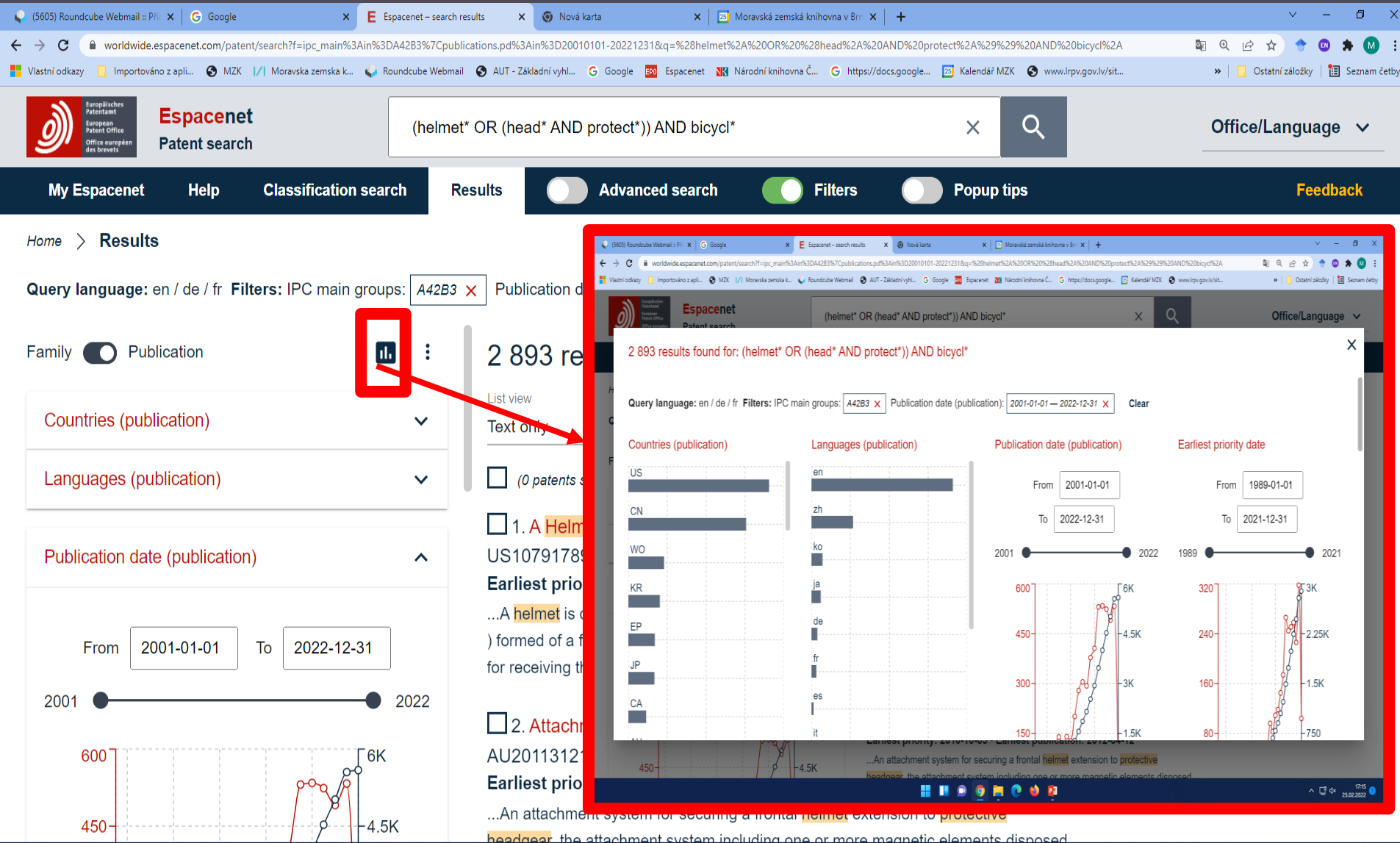
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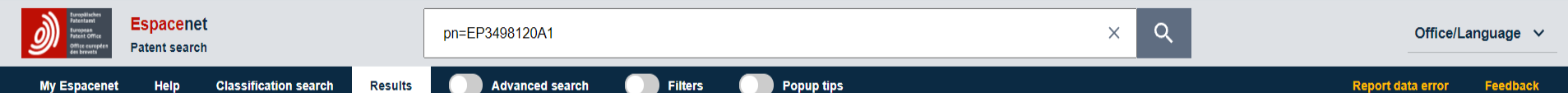
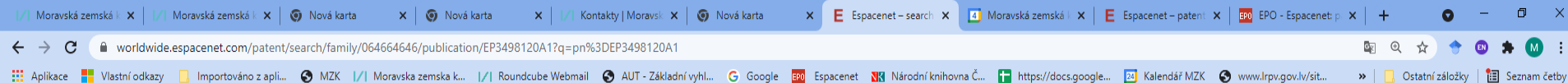
Countries (publication)	Number of documents
US	327
3 CN	111
4 WO	99
5 KR	86
6 EP	80
7 DE	43
8 CA	31
9 GB	25
10 JP	25
11 AU	24
12 ES	8
13 FR	8
14 TW	7
15 SE	6
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17 MX	2
18 RU	2
19 BE	1
20 CH	1
21 NL	1
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Statistické analýzy patentů pomocí filtrů – grafy



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Záznam patentového dokumentu



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☆ **EP3498120A1** BICYCLE HELMET WITH VENTILATION PLATE

Bibliographic data Description Claims Drawings Original document Citations Legal events Patent family

Register ↗ Global Dossier ↗

Applicants SPECIALIZED BICYCLE COMPONENTS INC [US] +
Inventors GOSSEEN NICHOLAS REID [US]; KRYNOCK MICHAEL JOSEPH [US]; OKAMURA ALAN [US] +

Classifications

IPC A42B3/06; A42B3/28;

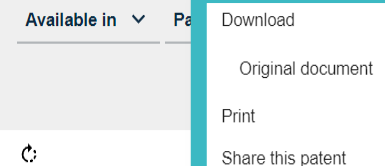
CPC A42B3/0493 (US); A42B3/06 (US); A42B3/066 (EP,US); A42B3/28 (EP,CN,US); A42B3/283 (CN,US);

Priorities US201762599565P-2017-12-15

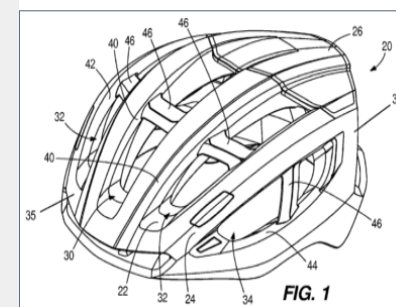
Application EP18211541A-2018-12-11

Publication EP3498120A1-2019-06-19

Published as CN109998215A; EP3498120A1; US2019183203A1



Front-page drawing from EP3498120A1



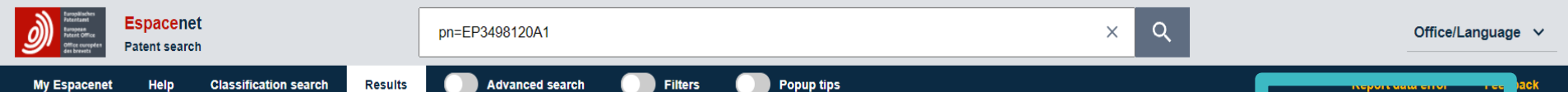
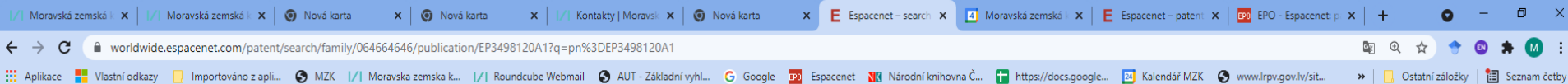
EN DE FR

BICYCLE HELMET WITH VENTILATION PLATE

Abstract

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Automatický překladač



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1. >

☆ **EP3498120A1** BICYCLE HELMET WITH VENTILATION PLATE

Bibliographic data **Description** **Claims** **Drawings** **Original document** **Citations** **Legal events** **Patent family**

Register ↗ Global Dossier ↗

Data originating from sources other than the EPO may not be accurate, complete, or up to date.

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority to U.S. Provisional Application No. 62/599,565, filed December 15, 2017 .

BACKGROUND

[0002] The present invention relates generally to the field of bicycle helmets and specifically to bicycle helmets designed for improved ventilation.

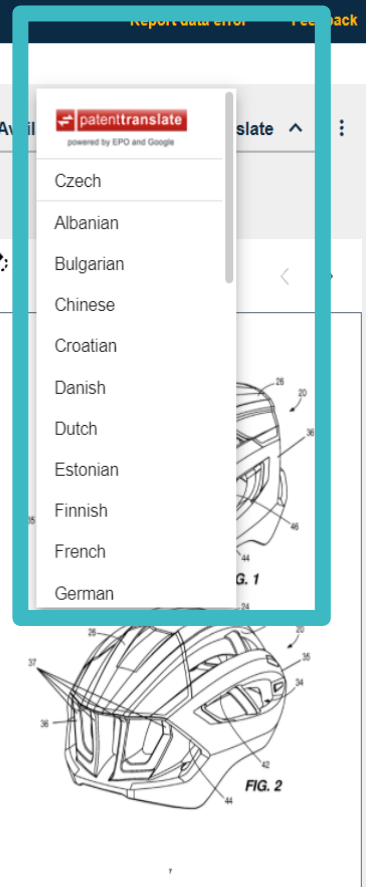
[0003] Bicycle helmets are designed to protect a user's head in the event of an accident. Bicycle helmets typically include a thick liner of expanded polystyrene (EPS) covered with a thin shell of a hard plastic material, such as lexan, polycarbonate, or acrylonitrile butadiene styrene (ABS).

[0004] In order to increase a user's comfort when riding a bicycle, bicycle helmets may be designed to be lightweight and/or to have ventilation so that the user's head is cooled while riding. For example, ventilation may include inlet ventilation ports on the front of the bicycle helmet and outlet ventilation ports on the rear of the bicycle helmet, thereby facilitating the flow of air through the bicycle helmet. As bicycle helmet design has evolved, ventilation ports have generally become larger and more numerous in order to increase the amount of air flowing through the helmet.

[0005] As the size of ventilation ports have increased, reinforcing struts have been added to enhance the strength of the bicycle helmet. These struts can extend laterally across the ventilation ports in order to provide strength to the underlying liner. Struts can be made of a variety of materials, such as plastic mesh or plastic strip, and the struts are often covered with a layer of EPS.

BRIEF DESCRIPTION OF THE DRAWINGS

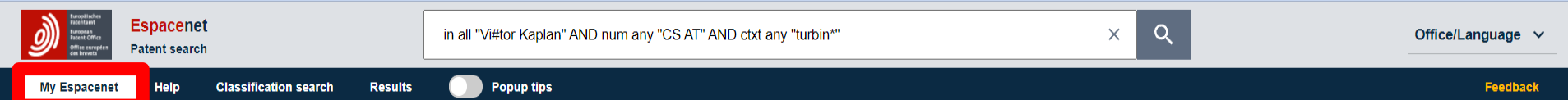
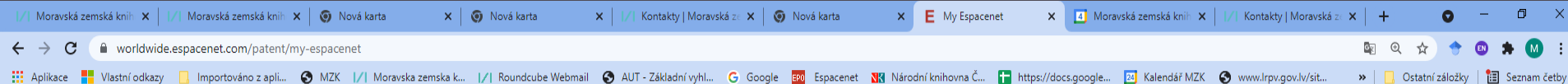
[0006]



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Vybrané patentové dokumenty, historie dotazů, nastavení osobních preferencí.



Query	Filters	Languages	Date	Results found	Actions
in all "Vi#tor Kaplan" AND D (num any "CS" OR ap any "AT")		en:de:fr	2021-10-04 13:57:34	45	▶ 🗑️
ia all "Vi#tor Kaplan" AND D cbxt all "turbin**"		en:de:fr	2021-10-04 13:53:08	43	▶ 🗑️
(helmet* OR (head* AND protect*)) AND bicycl*		en:de:fr	2021-10-04 12:33:04	94 362	▶ 🗑️
helmet* AND bicycl*		en:de:fr	2021-10-04 11:14:25	12 203	▶ 🗑️
helmet* AND bicycle*		en:de:fr	2021-10-04 11:12:01	10 856	▶ 🗑️
seat* AND (portable OR movable)		en:de:fr	2021-10-04 11:08:27	1 941 895	▶ 🗑️
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(pet* OR animal* OR dog			2021-10-04 11:03:24	0	

Kontakt



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