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DR. YOLANDA SÁNCHEZ GARCÍA | USER ENGAGEMENT MANAGER | PATENT KNOWLEDGE | 29 NOVEMBER 2023

AGENDA

- European Patent Register
  - Unitary Patent search
  - European Patent Register – new structure
    - The Unitary Patent section (Unitary Patent Register)
    - The European procedure section
- Espacenet EP Bulletin search
- UP Patent Knowledge Nuggets

EUROPEAN PATENT REGISTER

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ADVANCED SEARCH INTERFACE

Searching for patents with unitary effect

Enter one or more dates (and/or date range for publication date)

Filing date e.g. 20070919

Publication date e.g. 20070919

Priority date e.g. 20070919

Date of grant e.g. 20070919

Unitary effect request date e.g. 20070919

yes

Unitary effect registration date e.g. 20070919

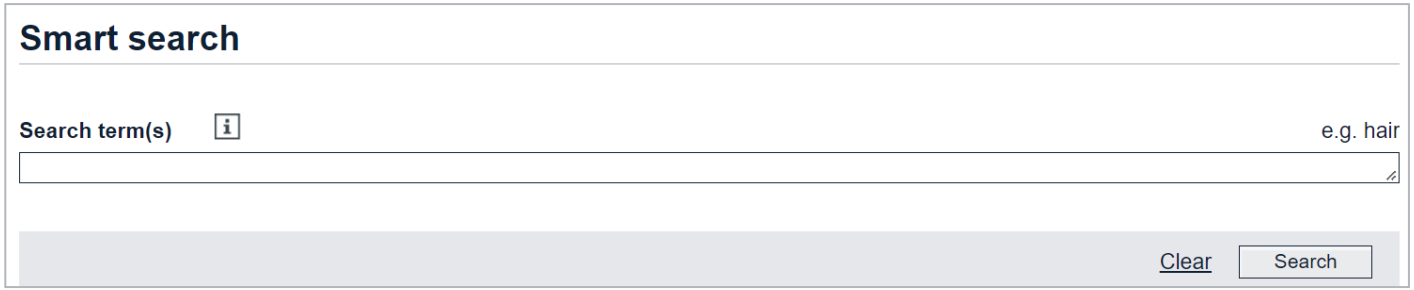
no

Yes/True

No/False

SMART SEARCH INTERFACE

Searching for patents with unitary effect



ufd - unitary effect request date
urd - unitary effect registration date

https://link.epo.org/web/european_patent_register-pocket_guide_en.pdf

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387 items found, displaying 1 to 20.
Search term(s): **urd = no and ufd = yes**

1 2 3 4 5 6 7 8

DEVICE FOR INJECTING FIXED QUANTITY OF LIQUID MEDICINE

Application No.	Publication No.	Applicant	Unitary Patent	Representative	IPC
EP21191828	EP4137180	Jmbiotech Co., Ltd.	*Request date: 31.08.2023*	Habermann, Hruschka & Schnabel	A61M5/315 A61M5/32 A61M5/24

WATER VEHICLE WITH A HYDROFOIL AND ADDITIONAL SECOND STABILIZER

Application No.	Publication No.	Applicant	Unitary Patent	Representative	IPC
EP22777345	EP4175874	Sifly Ltd.	*Request date: 03.08.2023* *Registration date: 09.08.2023*	Benatov, Samuil Gabriel	B63B1/24 B63B1/26 B63B32/64 (+3)

BLIND CLEANING DEVICE

Application No.	Publication No.	Applicant	Unitary Patent	Representative	IPC
EP21186663	EP4122364	HUSQVARNA AB	...	Finkele, Rolf	A47L4/02

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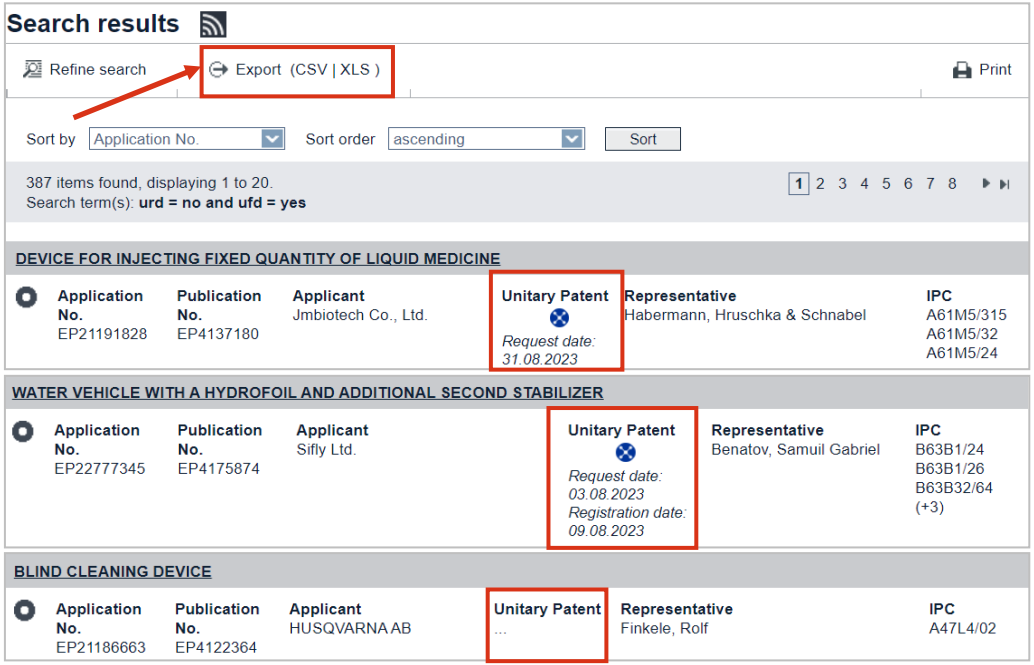

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NEW STRUCTURE

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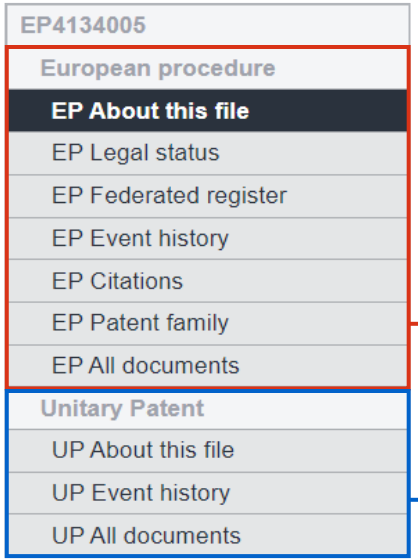
EUROPEAN PATENT REGISTER NEW STRUCTURE



European procedure section (EP)

Unitary Patent section (UP)

UP chapter displayed
Patent **granted** and **unitary effect requested**

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THE UNITARY PATENT REGISTER

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UP ABOUT THIS FILE

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EP4175281
European procedure
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- EP Legal status
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Quick help
- What does C0 stand for?
- What does UP mean?
- Who is the proprietor?
- What is a supplementary protection certificate(s) (SPC)?
- What is an international standardisation body?

UP About this file: EP4175281 C0

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EP4175281 - METHOD AND DEVICE FOR PRODUCING A COMMUNICATION CHANNEL [Right-click to bookmark this link]

Status	Unitary effect registered *Database last updated on 01.09.2023*
Most recent event	11.08.2023 Decision on the request for unitary effect published on 13.09.2023 [2023/37]
Proprietor(s)	For all participating member states Kiessig, Rene Kohrenerstrasse 9 04277 Leipzig / DE [2023/37]
Inventor(s)	01 / see applicant ... [2023/18]
Representative(s)	Reich, Jochen Hermstraße 15 80539 München / DE [2023/37]

UP ABOUT THIS FILE

Unitary Patent Protection	02.08.2023	Date of request for unitary effect [2023/36]
	11.08.2023	Decision on the request for unitary effect: Positive [2023/37]
	11.08.2023	Date of registration [2023/37]
	02.08.2023	Date of legal effect [2023/37]
Member States covered by Unitary Patent Protection	11.08.2023	AT, BE, BG, DE, DK, EE, FI, FR, IT, LT, LU, LV, MT, NL, PT, SE, SI [2023/37]
Publication	**Type:**	B1 Patent specification
	No.:	EP4175281
	Date:	02.08.2023
	Language:	DE
	[2023/31]	

UP ABOUT THIS FILE

Unitary Patent Protection	02.08.2023	Date of request for unitary effect [2023/36]
	11.08.2023	Decision on the request for unitary effect: Positive [2023/37]
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	No.:	EP4175281
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	Language:	DE
	[2023/31]	

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	No.:	EP4175281
	Date:	02.08.2023
	Language:	DE
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Publication	**Type:**	B1 Patent specification
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	Language:	DE
	[2023/31]	

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UP Event history: EP4175281 C0

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Date	Description	European Patent Bulletin date, issue number
11.08.2023	Decision on the request for unitary effect	published on 13.09.2023 [2023/37]
04.08.2023	Filing of request for unitary effect	published on 06.09.2023 [2023/36]

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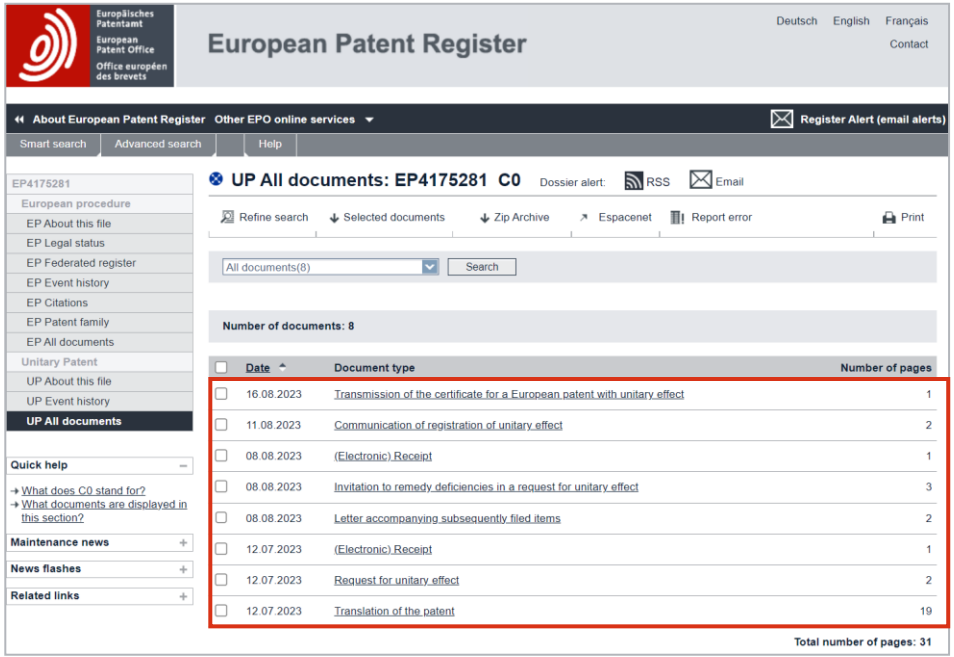

THE EUROPEAN PROCEDURE SECTION

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EP ABOUT THIS FILE

Designated contracting states

Designated contracting states	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR [2023/18]

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EP LEGAL STATUS

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Event date:	15.11.2023
Event description:	OPT-OUT OF THE COMPETENCE OF THE UNIFIED PATENT COURT (UPC) REGISTERED
Effective DATE:	20231010

Event date:	15.11.2023
Event description:	WITHDRAWAL OF OPT-OUT OF THE COMPETENCE OF THE UNIFIED PATENT COURT (UPC) REGISTERED
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METHOD AND DEVICE FOR PRODUCING A COMMUNICATION CHANNEL

Application No.	Publication No.	Applicant	IPC
EP21206065	EP4175281	Kiessig, Rene	H04N23/611 H04N23/69 H04M1/27475 (+1)

	Status EP C0	Member States covered by Unitary Patent Protection	Proprietor(s)	Invalidation date	Renewal fees last paid	Record last updated
EP C0	Unitary effect registered	AT, BE, BG, DE, DK, EE, FI, FR, IT, LT, LU, LV, MT, NL, PT, SE, SI	Kiessig, Rene	02.11.2041	16.11.2023 year 03	24.11.2023

Only designated contracting states, extension states and validation states providing the Federated Register Service are listed below.

	Status	Application No.	Publication No.	Proprietor	Invalidation date	Not in force since	Renewal fees last paid	Record last updated
CH/LI	Patent in force	EP21206065	EP4175281	Kiessig, Rene	---	---	---	31.08.2023
CZ	Patent lapsed - still in grace period	CZ2021-206065	EP4175281	Kiessig, Rene	---	---	---	04.11.2023

EP PATENT FAMILY

EP Patent family: EP4175281

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Type				
	Equivalent			
	Publication No.		**Date**	**Type**
	WO2023078680	Global Dossier	11.05.2023	A1
	Priority number		**Date**	
	EP21206065		02.11.2021	
Type	Equivalent			
	Publication No.		**Date**	**Type**
	EP4175281	Global Dossier	02.08.2023	C0
	EP4175281		02.08.2023	B1
	EP4175281		03.05.2023	A1
	Priority number		**Date**	
	EP21206065		02.11.2021	

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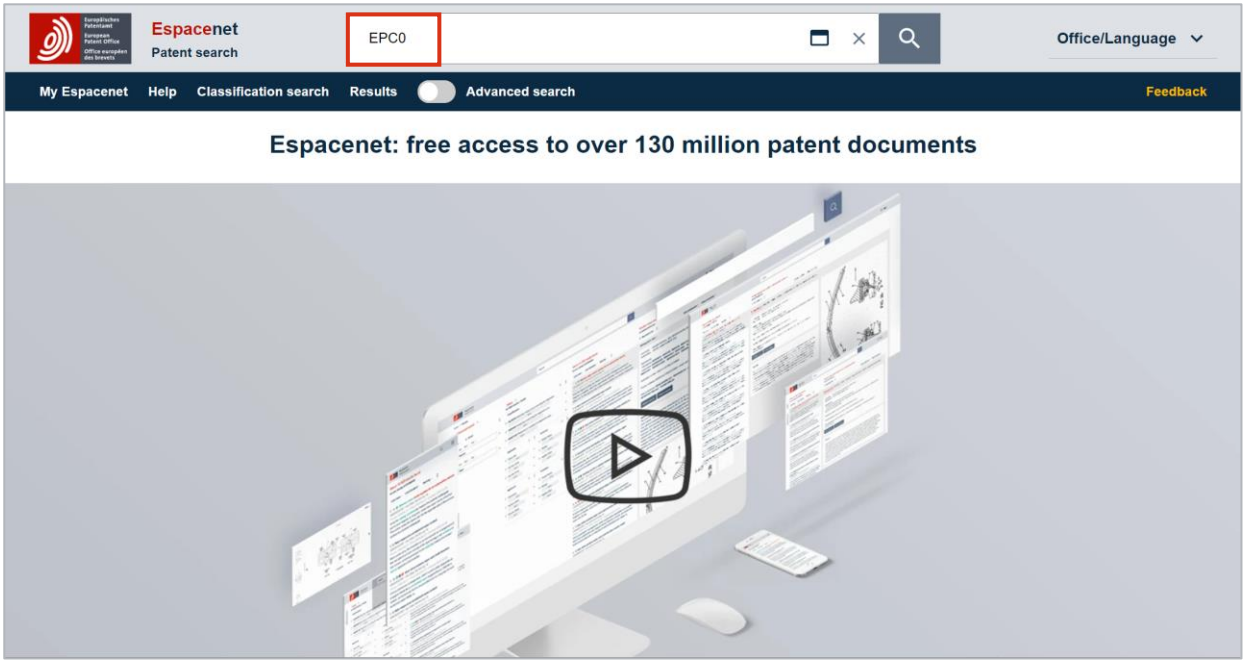
SMART SEARCH



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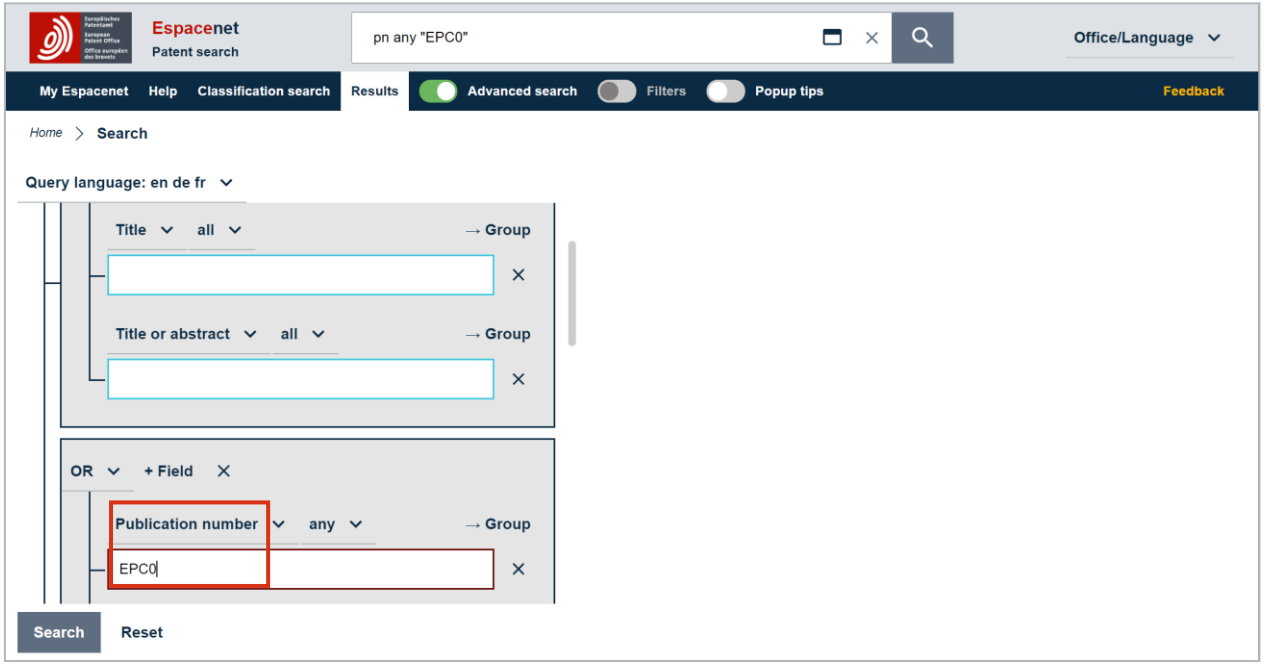

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1. A TEMPERATURE-SWING ADSORPTION PROCESS
EP3426382C0 (A1,B1) • 2023-06-07 • CASALE SA [CH]
Earliest priority: 2016-03-08 • Earliest publication: 2017-09-13
No abstract available

2. METHOD OF MANUFACTURING A USER-INDIVIDUAL FACE M…
EP3888481C0 (A1,B1) • 2023-06-07 • SENSWORK GMBH [DE]
Earliest priority: 2020-03-31 • Earliest publication: 2021-09-30
Die Erfindung betrifft ein Verfahren zum Herstellen einer benutzerindividuellen Mundschutzmaske, bei dem, insbesondere optisch, Gesichtsdaten eines zu schützenden Gesichtsbereichs (14) eines Benutzers (10) erfasst werden, ein

3. FISHING WEIGHT AND METHOD FOR MANUFACTURING THE…
EP3991550C0 (A1,B1) • 2023-06-07 • FAMILY GOTHE GMBH [DE]
Earliest priority: 2020-10-27 • Earliest publication: 2022-04-28
Ein Fischereigewicht (1) besteht aus einer Materialzusammensetzung, die Sand als Grundwerkstoff und Glutinleim als Bindemittel umfasst.

4. FERTILIZER CARRIER, METHOD FOR PRODUCING A FERTIL…
EP3853189C0 (A1,B1) • 2023-06-07 • JASSEN KUNSTSTOFFZENTR…
Earliest priority: 2018-09-21 • Earliest publication: 2020-03-26
No abstract available

5. GAS STORAGE
EP3885638C0 (A1,B1) • 2023-06-07 • AGROTEL GMBH [DE]
Earliest priority: 2020-03-27 • Earliest publication: 2021-09-29

EP3426382C0 A TEMPERATURE-SWING ADSORPTION PROCESS

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

Register ↗ | Unitary Patent ↗ | Global Dossier ↗

Applicants: CASALE SA [CH] +
Inventors: GAZZANI MATTEO [CH]; JOSS LISA [GB]; ZANCO STEFANO [CH]; MAZZOTTI MARCO [CH] +

Classifications
IPC: ***B01D53/04; B01D53/96;***
CPC: **B01D53/0462 (EP,US); B01D53/96 (EP,US);** B01D2253/108 (EP,US); B01D2253/204 (EP,US); B01D2256/22 (EP,US); B01D2257/504 (EP,US); B01D2258/0283 (EP,US); B01D2259/40062 (EP,US); Y02C20/40 (EP,US);

Priorities: EP16159249A-2016-03-08; EP2017055243W-2017-03-07
Application: EP17709066A-2017-03-07
Publication: EP3426382C0-2023-06-07

Published as: **CN108778464A; EP3216512A1; EP3426382A1; EP3426382B1; EP3426382C0; JP2019512384A; JP6941111B2; US11020703B2; US2019083919A1; WO2017153365A1**

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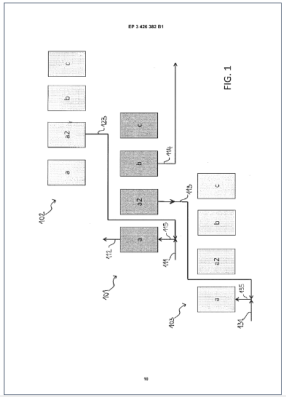
A TEMPERATURE-SWING ADSORPTION PROCESS

Abstract

Abstract not available for EP3426382C0 – abstract of corresponding document: WO2017153365A1

Drawings not available for EP3426382C0 – drawings of corresponding document: EP3426382B1



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EP3885638C0 (A1,B1) • 2023-06-07 • AGROTEL GMBH [DE]
Earliest priority: 2020-03-27 • Earliest publication: 2021-09-29

EP3426382C0 A TEMPERATURE-SWING ADSORPTION PROCESS

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Event indicator	Category	Event description	Countries	Event date	Effective date	Details
GB FG4D	F: IP right grant	EUROPEAN PATENT GRANTED		2023-06-07		
CH EP	W: Other	EUROPEAN PATENT TAKES EFFECT AS A NATIONAL PATENT IN CH/LI		2023-06-15		
DE R096	F: IP right grant	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT		2023-06-15		**Reference document** Country: DE Number: 602017069462
AT REF	W: Other	REFERENCE TO AT NUMBER (EP PATENT VALIDATED IN AUSTRIA)		2023-06-15	2023-06-15	**Reference document** Country: AT Number: 1573259 Kind: T
EP U01	W: Other	REQUEST FOR UNITARY EFFECT FILED		2023-07-19	2023-06-09	
EP U07	W: Other	POSITIVE DECISION AFTER REQUEST FOR UNITARY EFFECT	AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI	2023-07-19	2023-06-16	
NO T2	Q: Document publication	ENTRY OF EP PATENT INTO NATIONAL PHASE OF NORWAY [PUBL. OF TRANSLATION]		2023-07-31	2023-06-07	

EP BULLETIN SEARCH

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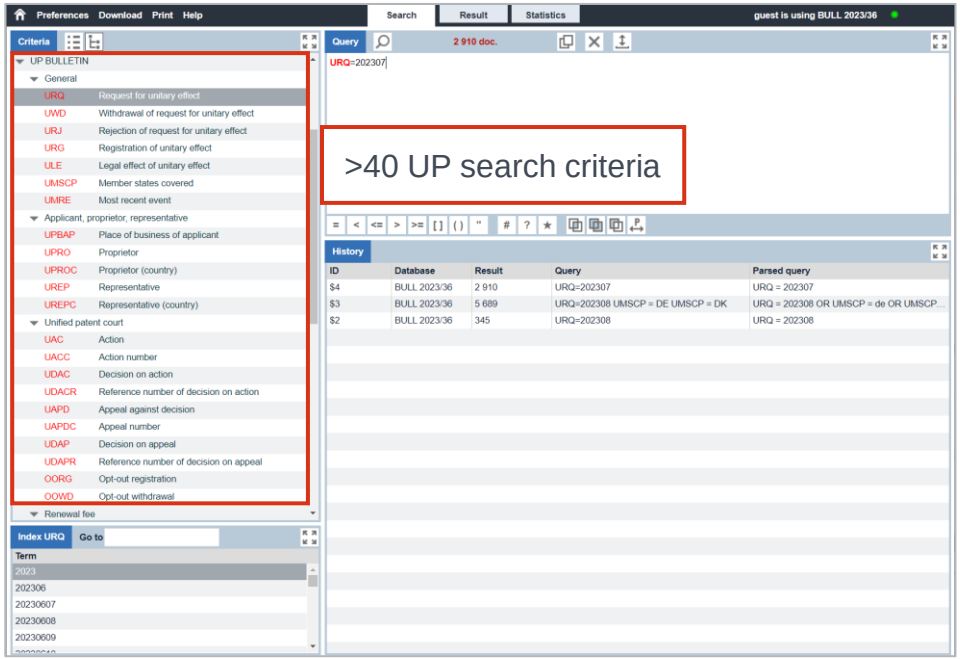

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Query 2 910 doc.

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Result list 109 / 2 910

Publication	Application	Proprietor
		S.r.l.
4046525	21169410.4	Climax Technology Co., Ltd.
4046325	20781574.7	SEPIOR ApS
4046204	20808561.3	First Solar, Inc.
4045860	20789128.4	thyssenkrupp Industrial Solutions AG thyssenkrupp AG
4045582	20789984.0	Treibacher Industrie AG
4043963	21156695.5	Xetos AG
4042717	20884898.6	Elbit Systems Land and C4I Ltd.
4042329	21742926.5	Smartflex Technology Pte Ltd
4042243	20771902.2	Morphotonics Holding B.V.

Document 109 / 2 910

EP Bulletin | UP Bulletin | + INPADOC

4042329

Title (en)
SMART CARDS HAVING LED AND METHODS FOR FABRICATION THEREOF

Publication
EP4042329 - 17.08.2022 - A1/A2 - Patent application (en)
EP4042329 - 07.06.2023 - B1 - Patent specification

Application
21742926.5 - 12.07.2021 (en)

Priority
US 202063061646 P 05.08.2020

Proprietor
Smartflex Technology Pte Ltd
37A Tampines Street 92 No. 03-01, Singapore 528886 / SG

Representative
Murgitroyd & Company
Murgitroyd House 165-169 Scotland Street, Glasgow G5 8PL / GB

4042329

UP - Most recent event
Renewal fee - Published on 06.09.2023 [N/P]

UP - Unitary patent protection
04.07.2023 - Request for unitary effect
13.07.2023 - Registration of unitary effect
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UP - Member states covered
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

UP - Proprietor
Smartflex Technology Pte Ltd
37A Tampines Street 92 No. 03-01, Singapore 528886 / SG

UP - Representative
Murgitroyd & Company
Murgitroyd House 165-169 Scotland Street, Glasgow G5 8PL / GB

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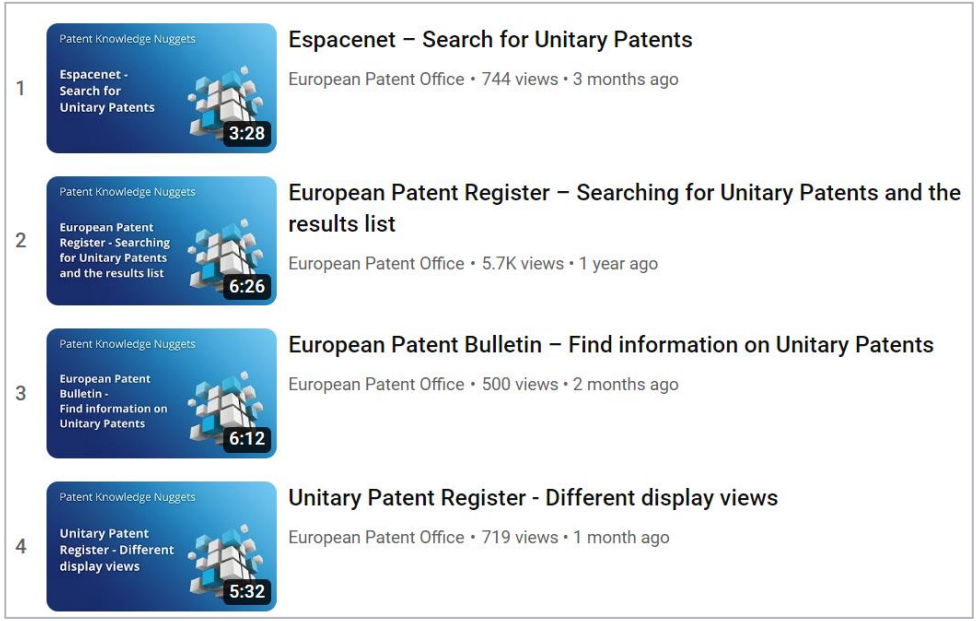

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