



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 91 18 76

Classification of the application (IPC):

F21S 10/02, F21V 3/00, F21V 7/04, F21V 7/06, F21V 29/51, F21V 29/60, F21V 29/76, F21V 14/02, F21V 7/08, F21V 29/71, F21Y 113/13, F21Y 115/10, F21Y 107/30, F21W 131/406

Technical fields searched (IPC):

F21W, F21Y, F21V

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014160744 A1 (WIMBERLY RANDAL L [US]) 12 June 2014 (2014-06-12) * paragraph [0024] - paragraph [0027] * * paragraph [0034] * * paragraph [0040] * * paragraph [0043] * * claims 17-20 * * figures 1,4,6 *	1-15
X	US 2020378589 A1 (EDWARDS CHARLES [US]) 03 December 2020 (2020-12-03) * paragraph [0031] * * paragraph [0039] - paragraph [0050] * * paragraph [0072] * * figures 1,2,4,5,7 *	1-15
X	US 2019320514 A1 (EDWARDS CHARLES [US] ET AL) 17 October 2019 (2019-10-17) * paragraph [0039] - paragraph [0041] * * paragraph [0050] - paragraph [0064] * * paragraph [0083] - paragraph [0100] * * figures 1,3,5F-5I,6B *	1-15
A	WO 2016208824 A1 (DOOYOUNG T&S CORP [KR]) 29 December 2016 (2016-12-29) * the whole document *	1-15
A,D	US 2014185287 A1 (CUNNINGHAM DAVID W [US]) 03 July 2014 (2014-07-03) * the whole document *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 11 July 2024	Examiner Soto Salvador, Jesús
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CATEGORY OF CITED DOCUMENTS

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Application number:
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A	WO 2019162209 A1 (SIGNIFY HOLDING BV [NL]) 29 August 2019 (2019-08-29) * the whole document *	1-15
A	US 9841165 B1 (INOUE TOMOHIKO [JP] ET AL) 12 December 2017 (2017-12-12) * the whole document *	1-15
A	US 10197224 B1 (MACIAS GUILLERMO [US]) 05 February 2019 (2019-02-05) * the whole document *	1-15
A	US 2012134147 A1 (MOECK MARTIN [DE]) 31 May 2012 (2012-05-31) * the whole document *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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| &: member of the same patent family, corresponding document | L: document cited for other reasons |

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 91 18 76

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 11-07-2024
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