



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 86 87 15

Classification of the application (IPC):

F21K 9/68, F21V 7/04, F21Y 115/10, F21V 7/00, F21V 7/09, F21V 13/04, F21V 23/00

Technical fields searched (IPC):

F21V, F21K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2016084474 A1 (OHNO YASUO [JP] ET AL) 24 March 2016 (2016-03-24) * paragraph [0024] - paragraph [0032] * * paragraph [0040] - paragraph [0041] * * figures 1-3 *	1-3, 5-15
X	US 2014036509 A1 (HONG SUNGHO [KR] ET AL) 06 February 2014 (2014-02-06) * paragraph [0024] - paragraph [0051] * * figures 1-4 *	1, 6, 8-15
X	DE 10153756 A1 (SITECO BELEUCHTUNGSTECH GMBH [DE]) 03 April 2003 (2003-04-03) * paragraph [0001] * * paragraph [0044] * * paragraph [0048] * * figure 1 *	1, 2, 7-15
X	US 2014293594 A1 (SU WEN-LUNG [TW]) 02 October 2014 (2014-10-02) * paragraph [0039] - paragraph [0043] * * paragraph [0055] - paragraph [0056] * * figures 2,9 *	1, 2, 6, 7, 9-15
A	US 2012127728 A1 (CHANG SHAO-HAN [TW]) 24 May 2012 (2012-05-24) * the whole document *	1-15
A	EP 2812629 B1 (ALFRED WEGENER INST HELMHOLTZ ZENTRUM FÜR POLAR UND MEERESFORSCHUNG [D]) 30 December 2015 (2015-12-30) * 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 20 September 2024	Examiner Soto Salvador, Jesús
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CATEGORY OF CITED DOCUMENTS

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
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 20-09-2024.
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