



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 26 94

Classification of the application (IPC):
F21S 2/00, F21V 31/00, F21V 17/16, F21Y 103/00, F21W 131/103

Technical fields searched (IPC):
F21V

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2018045399 A1 (CHEN KAI [CN] ET AL) 15 February 2018 (2018-02-15) * paragraphs [0082], [0093] * * figures 1-3, 8 *	1, 2, 4-8, 11 9, 10
X	WO 2011137361 A1 (UNIFLUX LED INC [US]; FANG HENG [CN]; ZHENG XIAOMING [CN]) 03 November 2011 (2011-11-03) * paragraphs [0019], [0020] * * figures 1, 2 *	1-5, 11, 12
X Y	CN 104251390 A (OPPLE LIGHTING CO LTD) 31 December 2014 (2014-12-31) * figures 1, 2 *	1-3, 5, 11 9, 10
X	US 2016003454 A1 (YE JISHUANG [CN]) 07 January 2016 (2016-01-07) * paragraphs [0049], [0050] * * figure 7 *	1, 2, 11-15
A	CN 101446392 A (JIE SHI [CN]) 03 June 2009 (2009-06-03) * figures 1A, 2 *	2, 3

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 16 February 2022	Examiner Allen, Katie
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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 16-02-2022
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2018045399 A1	15-02-2018	JP 6521542 B2 JP 2018512698 A US 2018045399 A1 WO 2016146047 A1	29-05-2019 17-05-2018 15-02-2018 22-09-2016
WO2011137361 A1	03-11-2011	NONE	
CN 104251390 A	31-12-2014	NONE	
US 2016003454 A1	07-01-2016	US 2016003454 A1 WO 2016000510 A1	07-01-2016 07-01-2016
CN 101446392 A	03-06-2009	NONE	