



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 80 93 91

Classification of the application (IPC):
H04N 5/353, H04N 5/347, H04N 5/3745

Technical fields searched (IPC):
H04N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2014320718 A1 (FAN XIAOFENG [US]) 30 October 2014 (2014-10-30) * paragraph [0108] - paragraph [0133]; figures 12d,12e *	1-15
Y	US 2014247378 A1 (SHARMA ANUP K [US] ET AL) 04 September 2014 (2014-09-04) * paragraph [0064]; figures 8-10 *	1-15
A	WO 2009054962 A1 (ALTASENS INC [US]; BLANQUART LAURENT [US]) 30 April 2009 (2009-04-30) * page 7, line 12 - page 9, line 5; figures 5,6 *	1-15
A	JP 2007089231 A (MATSUSHITA ELECTRIC IND CO LTD) 05 April 2007 (2007-04-05) * paragraph [0050] - paragraph [0052]; figures 1,2 *	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 Munich	Date of completion of the search 20 November 2020	Examiner Penchev, Petyo
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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 20-11-2020
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2014320718	A1	30-10-2014	AU 2014212829 A1	30-07-2015
			AU 2017204450 A1	20-07-2017
			AU 2018217216 A1	30-08-2018
			AU 2020201445 A1	19-03-2020
			CN 105009291 A	28-10-2015
			CN 108962926 A	07-12-2018
			EP 2951864 A1	09-12-2015
			EP 3261123 A1	27-12-2017
			JP 6567010 B2	28-08-2019
			JP 2016511539 A	14-04-2016
			JP 2018011351 A	18-01-2018
			JP 2019193305 A	31-10-2019
			KR 20150113133 A	07-10-2015
			KR 20170033909 A	27-03-2017
			KR 20180100458 A	10-09-2018
			TW 201438207 A	01-10-2014
			TW 201622116 A	16-06-2016
			TW 201714289 A	16-04-2017
			US 8773562 B1	08-07-2014
			US 2014320718 A1	30-10-2014
			US 2016043126 A1	11-02-2016
			US 2016343770 A1	24-11-2016
			US 2018278869 A1	27-09-2018
WO 2014120447 A1	07-08-2014			
US 2014247378	A1	04-09-2014	CN 105027558 A	04-11-2015
			JP 6250075 B2	20-12-2017
			JP 2016513440 A	12-05-2016
			TW 201440520 A	16-10-2014
			TW 201644263 A	16-12-2016
			US 2014247378 A1	04-09-2014
WO 2014133843 A1	04-09-2014			
WO 2009054962	A1	30-04-2009	US 2009108176 A1	30-04-2009
			WO 2009054962 A1	30-04-2009
JP 2007089231	A	05-04-2007	NONE	