



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 76 08 24

Classification of the application (IPC):

H04N 5/268, H04N 5/765, H04N 21/4363, H04N 21/436, G06F 3/14, H04L 5/14, H04N, G09G, G06F, H04L
H04N 21/466

Technical fields searched (IPC):

H04N, G09G, G06F, H04L
H04N 21/466

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2015261718 A1 (CAMPBELL CHARLES MICHAEL [US] ET AL) 17 September 2015 (2015-09-17) * paragraph [0023] - paragraph [0041] * * paragraph [0048] - paragraph [0062] * * paragraph [0069] - paragraph [0102] * * paragraph [0108] *	1-15
X	US 7853731 B1 (ZENG XUMING HENRY [US]) 14 December 2010 (2010-12-14) * column 2, line 20 - column 3, line 20 * * column 4, line 18 - column 7, line 67 *	1-15
X	US 2009279473 A1 (LU DING [US] ET AL) 12 November 2009 (2009-11-12) * paragraph [0034] - paragraph [0043] *	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 07 August 2019	Examiner Vaquero, Raquel
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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 07-08-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2015261718	A1	17-09-2015	NONE	
US 7853731	B1	14-12-2010	NONE	
US 2009279473	A1	12-11-2009	NONE	