

## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Classification of the application (IPC): *H04J 3/06* 

**Technical fields searched (IPC):** H04J, G06F

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
х	WO 2015096041 A1 (HUAWEI TECH CO LTD [CN])	1, 8	
A	02 July 2015 (2015-07-02)	2-7, 9-14	
A	* page 1, line 16 - line 24 *	2-7, 9-14	
	* page 2, line 1 - line 18 *		
	* page 4, line 21 - page 5, line 1 *		
	* page 5, line 14 - page 6, line 5 *		
	* page 7, line 15 - line 20 *		
	* page 8, line 14 - line 20 *		
	* page 10, line 15 - line 22 *		
	& US 2016308633 A1 (LIU FAN [CN] ET AL) 20 October 2016 (2016-10-20)		
	* paragraph [0005] - paragraph [0010] *		
	* paragraph [0027] *		
	* paragraph [0037] *		
	* paragraph [0048] - paragraph [0049] *		
	* paragraph [0053] - paragraph [0054] *		
	* paragraph [0064] - paragraph [0065] *		
А	US 2014286357 A1 (SHENOI KISHAN [US] ET AL)	1-14	
	25 September 2014 (2014-09-25)		
	* paragraph [0002] *		
	* paragraph [0008] - paragraph [0010] *		
	* paragraph [0038] *		
	* paragraph [0047] *		
	* paragraph [0059] *		
A	US 7451337 B1 (HEWITT LARRY D [US]) 11 November 2008 (2008-11-11)	1-14	
	* column 1, line 10 - line 27 *		
	* column 1, line 58 - column 2, line 12 *		
	* column 7, line 23 - line 62 *		
	* figures 3,4 *		

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 14 January 2019	Examiner Marongiu, M						
The Tlague	14 January 2019	Maroligiu, M						
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O: non-written disclosure

## EP 3 404 866 A4



#### SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number: EP 16 89 30 63

DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim		
A	US 2013089170 A1 (CHIESA LUCA DELLA [IT] ET AL) 11 April 2013 (2013-04-11) * paragraph [0002] * * paragraph [0015] * * paragraph [0022] *	1-14		

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 14 January 2019	<sub>Examiner</sub> Marongiu, M					
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## EP 3 404 866 A4



# ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number: EP 16 89 30 63

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2015096041	A1	02-07-2015	CN EP US WO	103959688 A 3076572 A1 2016308633 A1 2015096041 A1	30-07-2014 05-10-2016 20-10-2016 02-07-2015
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For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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