

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 15 84 0565

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2003/115142 A1 (BRICKELL ERNIE F [US] ET AL) 19 June 2003 (2003-06-19)	1,14,15	INV. H04N7/14 H04L12/18
Y	* page 1, paragraph 2 - page 8, paragraph 72 *	2-13	
X	WO 2008/095178 A2 (CREDIT SUISSE SECURITIES USA L [US]; CONSTABLE COLIN [GB]) 7 August 2008 (2008-08-07)	1,14,15	
Y	* page 1, line 8 - page 16, line 10 *	2-13	
Y	US 2014/096177 A1 (SMITH NED [US] ET AL) 3 April 2014 (2014-04-03)	2-13	
	* page 1, paragraph 1 - page 7, paragraph 86 *		
A	US 2009/003249 A1 (SHEN LI [US]) 1 January 2009 (2009-01-01)	1-15	
	* page 1, paragraph 1 - page 4, paragraph 49 *		
A	US 2013/336547 A1 (KOMOGORTSEV OLEG V [US]) 19 December 2013 (2013-12-19)	1-15	TECHNICAL FIELDS SEARCHED (IPC)
	* page 1, paragraph 4 - page 19, paragraph 274 *		H04L

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 21 March 2018	Examiner Oteo Mayayo, Carlota
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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
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21-03-2018

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