



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 84 48 46

Classification of the application (IPC):
H04L 29/06, H04W 4/02, H04W 4/08, H04W 4/12, H04W 12/06

Technical fields searched (IPC):
H04L, H04W

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014328219 A1 (FORBES SCOTT C [US] ET AL) 06 November 2014 (2014-11-06) * abstract; claims 1-20; figures 5, 7a-7c * * page 1, paragraph 4 * * page 3, paragraph 31 * * page 4, paragraphs 39,42,43 * * page 5, paragraph 48 - paragraph 49 * * page 7, paragraph 62 *	1-14
A	US 2015109428 A1 (MECHALEY JR ROBERT G [US]) 23 April 2015 (2015-04-23) * abstract * * page 2, paragraph 25 * * page 5, paragraph 47 - paragraph 52 *	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 05 March 2019	Examiner Adkhis, Franck
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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 05-03-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2014328219	A1	06-11-2014	US 2008112551 A1	15-05-2008
			US 2014328219 A1	06-11-2014
			US 2016021246 A1	21-01-2016
US 2015109428	A1	23-04-2015	NONE	