



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 87 97 57

Classification of the application (IPC):
H04W 4/06, H04W 72/04, H04L 1/16, H04L 1/18

Technical fields searched (IPC):
H04L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014355493 A1 (NIU HUANING [US] ET AL) 04 December 2014 (2014-12-04) * figures 4, 5, 6 * * paragraphs [0016] - [0022] * * paragraphs [0030], [0034] - [0052] *	1-15
X	WO 2014183279 A1 (QUALCOMM INC [US]; ZHU XIPENG [CN]; WANG JUN [US]; ZHANG XIAOXIA [US]) 20 November 2014 (2014-11-20) * paragraphs [00156], [00161] * * paragraphs [00168] - [00169] *	1-15
E	EP 3051727 A1 (ALCATEL LUCENT [FR]) 03 August 2016 (2016-08-03) * paragraphs [0001], [0052] - [0057] * * paragraphs [0062] - [0064] * * paragraphs [0070] - [0079], [0089] *	1-7, 14, 15
E	EP 3051734 A1 (ALCATEL LUCENT [FR]) 03 August 2016 (2016-08-03) * paragraphs [0006], [0090] - [0095] * * paragraphs [0104] - [0107] *	1-4, 6, 8, 9, 12-15

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 The Hague	Date of completion of the search 08 August 2018	Examiner Fintoiu, Ioana
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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 08-08-2018
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EP 3051734	A1	03-08-2016	NONE		