



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 93 22 15

Classification of the application (IPC):
H04W 74/08

Technical fields searched (IPC):
H04W, H04L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2016323917 A1 (HWANG DAESUNG [KR] ET AL) 03 November 2016 (2016-11-03) * paragraph [0170] - paragraph [0171] * * figure 9B *	1-4, 10-15 5-9
Y	US 2011310857 A1 (VUJCIC DRAGAN [FR]) 22 December 2011 (2011-12-22) * paragraph [0057] - paragraph [0062] *	5-9

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 28 May 2021	Examiner lavarone, Federico
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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 28-05-2021
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2016323917	A1	03-11-2016	CN	105874726 A	17-08-2016
			EP	3091674 A1	09-11-2016
			US	2016323917 A1	03-11-2016
			WO	2015102281 A1	09-07-2015

US 2011310857	A1	22-12-2011	US	2011310857 A1	22-12-2011
			WO	2010093111 A1	19-08-2010