



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 91 79 43

Classification of the application (IPC):

H04L 67/303, H04L 67/14, H04L 69/24, H04W 4/16, H04L 65/1016, G06F 9/50, H04L, H04W, G06F, H04M
H04L 65/1073, H04M 3/42, H04M 3/58, H04W 8/24, H04W 8/18

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2019173924 A1 (LAU PRISCILLA [US] ET AL) 06 June 2019 (2019-06-06) * abstract * * paragraphs [0013] - [0023], [0026], [0041] - [0056], [0061] - [0073] * * figures 1-8 *	1-15
X	EP 2938041 A1 (VODAFONE IP LICENSING LTD [GB]; VODAFONE ESPAÑA S A U [ES]) 28 October 2015 (2015-10-28) * abstract * * paragraphs [0001] - [0016], [0021] - [0029], [0049] - [0088] * * figures 1-6 *	1-15

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 Munich	Date of completion of the search 14 September 2023	Examiner López Monclús, I
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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 14-09-2023
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			US	2016241602 A1	18-08-2016
			US	2019173924 A1	06-06-2019

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			ES	2737173 T3	10-01-2020
			US	2015312281 A1	29-10-2015