



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 13 40

Classification of the application (IPC):
H04L 51/216

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 2019149501 A1 (BASTIDE PAUL R [US] ET AL) 16 May 2019 (2019-05-16) * abstract * * paragraph [0004] - paragraph [0054] * * figures 1-3D *	1-15
X	US 2016285807 A1 (BASTIDE PAUL R [US] ET AL) 29 September 2016 (2016-09-29) * abstract * * paragraph [0004] - paragraph [0074] * * figures 1-5 *	1-15
A	US 10021059 B1 (RAO SANJAY K [US]) 10 July 2018 (2018-07-10) * abstract * * column 1, line 40 - column 4, line 29 * * figures 1-11 *	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 22 November 2023	Examiner Poggio, Francesca
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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 22-11-2023
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2019149501	A1	16-05-2019	NONE		
US 2016285807	A1	29-09-2016	US	2016285807 A1	29-09-2016
			US	2018309707 A1	25-10-2018
US 10021059	B1	10-07-2018	US	10021059 B1	10-07-2018
			US	10536422 B1	14-01-2020
			US	11316817 B1	26-04-2022