



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 92 51 78

Classification of the application (IPC):  
H04L 5/00, H04L 1/1829, H04W 76/14

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,D	CN 112119607 A (BEIJING XIAOMI MOBILE SOFTWARE CO LTD) 22 December 2020 (2020-12-22)	1, 2, 6-9, 11, 13
A	* abstract * & US 2023254818 A1 (ZHAO QUN [CN]) 10 August 2023 (2023-08-10) * paragraphs [0048] - [0089] *	3-5, 10, 12
A	US 2019394786 A1 (PARRON JEROME [DE] ET AL) 26 December 2019 (2019-12-26) * paragraphs [0077] - [0164] *	1-13

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 06 September 2024	Examiner Dhibi, Youssef
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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 06-09-2024  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN 112119607      A	22-12-2020	CN      112119607 A	22-12-2020
		CN      116599635 A	15-08-2023
		EP      4184837 A1	24-05-2023
		US      2023254818 A1	10-08-2023
US 2019394786      A1	26-12-2019	CN      110447294 A	12-11-2019
		EP      3603293 A1	05-02-2020
		FI      3603293 T3	03-04-2023
		US      2019394786 A1	26-12-2019
		US      2023099813 A1	30-03-2023
		WO      2018175553 A1	27-09-2018