



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 33 81

Classification of the application (IPC):
H04B 1/44, H04B 1/04, H04B 1/18

Technical fields searched (IPC):
H04B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 10715204 B2 (APPLE INC [US]) 14 July 2020 (2020-07-14) * the whole document *	1, 2, 4, 6-12, 14
A		3, 5, 13, 15
A	US 2020083924 A1 (CALLENDER STEVEN [US] ET AL) 12 March 2020 (2020-03-12) * figures 5-10 *	1-15
A	US 8712342 B2 (MAIMON TZVI [IL]; DEGANI OFIR [IL]; INTEL CORP [US]) 29 April 2014 (2014-04-29) * figures 1a,1b,1c,2 *	1-15
A	US 2017250728 A1 (AFSAHI ALI [US] ET AL) 31 August 2017 (2017-08-31) * figures 1-4 *	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 29 November 2023	Examiner Bohnhoff, Peter
---------------------------	--	-----------------------------

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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 33 81

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 29-11-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 10715204	B2	14-07-2020	US	2020106474 A1	02-04-2020
			US	2020343935 A1	29-10-2020
US 2020083924	A1	12-03-2020	DE	112019004486 T5	12-08-2021
			US	2020083924 A1	12-03-2020
			US	2021044318 A1	11-02-2021
			WO	2020050921 A1	12-03-2020
US 8712342	B2	29-04-2014	US	2012129468 A1	24-05-2012
			US	2014161160 A1	12-06-2014
			US	2016182120 A1	23-06-2016
US 2017250728	A1	31-08-2017	NONE		