



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 91 78 17

Classification of the application (IPC):
H04N 5/14, H04N 23/68

Technical fields searched (IPC):
H04N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 9232138 B1 (BALDWIN LEO BENEDICT [US]) 05 January 2016 (2016-01-05) * figures 1, 3, 5 * * column 3, line 19 - line 67 * * column 4, line 31 - line 62 * * column 5, line 17 - line 23 * * column 6, line 10 - line 58 * * column 7, line 1 - line 12 * * column 8, line 32 - line 37 *	1-15
A	US 2019260932 A1 (JUNG KWANG SUNG [KR] ET AL) 22 August 2019 (2019-08-22) * abstract * * figures 2,3,4,5 * * paragraph [0026] - paragraph [0048] *	1-15
A	WO 2020095623 A1 (PANASONIC IP MAN CO LTD [JP]) 14 May 2020 (2020-05-14) * abstract * & US 2021360159 A1 (SHINGU YASUHIRO [JP]) 18 November 2021 (2021-11-18)	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 10 January 2024	Examiner Furlan, Silvano
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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 10-01-2024
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 9232138	B1	05-01-2016	NONE	
US 2019260932	A1	22-08-2019	CN 109891872 A US 2019260932 A1 WO 2018079875 A1	14-06-2019 22-08-2019 03-05-2018
WO 2020095623	A1	14-05-2020	JP WO2020095623 A1 US 2021360159 A1 WO 2020095623 A1	15-02-2021 18-11-2021 14-05-2020