



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 74 78 86

Classification of the application (IPC):
H04H 60/64, H04N 21/2187, H04N 21/431, H04N 21/81, H04H 60/46

Technical fields searched (IPC):
H04H, H04N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2015375117 A1 (THOMPSON DAVID S [US] ET AL) 31 December 2015 (2015-12-31) * paragraph [0043] * * paragraph [0060] * * paragraph [0065] * * paragraph [0105] * * paragraph [0246] * * paragraphs [0255] - [0257] * * paragraph [0268] * * paragraph [0271] * * paragraph [0274] * * paragraph [0306] * * paragraphs [0318] - [0319] * * figure 3 * * figure 25 *	1-5, 7, 12-15
X	US 2003033157 A1 (DEMPSKI KELLY L [US] ET AL) 13 February 2003 (2003-02-13) * paragraph [0006] * * paragraph [0013] * * paragraph [0016] * * paragraph [0023] * * paragraphs [0042] - [0043] * * claims 21-22-26,28 * * figures 3A-3B *	1, 10, 14, 15
X Y	US 2018343489 A1 (LOHEIDE DONALD JUDE [US] ET AL) 29 November 2018 (2018-11-29) * the whole document *	1-5, 7-15 6
Y	US 8477046 B2 (ALONSO RAMON A [US]; ADVANCED TECHNOLOGIES GROUP LLC [US]) 02 July 2013 (2013-07-02) * the whole document *	6

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 The Hague	Date of completion of the search 07 October 2022	Examiner Torcal Serrano, C
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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
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Application number:
EP 20 74 78 86

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 2017201793 A1 (PEREIRA JOSE PIO [US] ET AL) 13 July 2017 (2017-07-13) * the whole document *	3

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 The Hague	Date of completion of the search 07 October 2022	Examiner Torcal Serrano, C
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
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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 07-10-2022
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