



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 77 72 24

Classification of the application (IPC):
G08B 17/00, G08B 17/10, G08B 23/00, H04R 1/02, G08B 17/113

Technical fields searched (IPC):
G08B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 2017358188 A1 (BLACK DATHAN O [US]) 14 December 2017 (2017-12-14) * paragraphs [0032], [0033] * * paragraphs [0035] - [0037] * * paragraphs [0040], [0041] * * figures 2,3A,3B *	1-10
A	US 2017138563 A1 (LEUNG WA HING [CN]) 18 May 2017 (2017-05-18) * the whole document *	1-10

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 30 March 2021	Examiner Meister, Mark
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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 30-03-2021
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2017358188	A1	14-12-2017	<i>NONE</i>	
US 2017138563	A1	18-05-2017	CN US WO	106764920 A 2017138563 A1 2017081663 A1
				31-05-2017 18-05-2017 18-05-2017