



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 92 19 15

Classification of the application (IPC):
F25B 1/00, F25B 13/00, F25B 40/00

Technical fields searched (IPC):
F25B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2020144764 A1 (MITSUBISHI ELECTRIC CORP [JP]) 16 July 2020 (2020-07-16) * paragraphs [0011] - [0044]; figures 1, 2, 4, 5 *	1-7
A	GB 1118768 A (ROBERT VALDEMAR ANDERSON) 03 July 1968 (1968-07-03) * pages 2-6; figures 1, 2 *	1-7
A	WO 2017163339 A1 (MITSUBISHI ELECTRIC CORP [JP]) 28 September 2017 (2017-09-28) * pages 2-26; figures 1-16 *	1-7

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 20 September 2024	Examiner Amous, Moez
------------------------------	---	-------------------------

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 22 92 19 15

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 20-09-2024
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
WO2020144764 A1	16-07-2020	CN 113227672 A	06-08-2021
		EP 3910262 A1	17-11-2021
		JP 7460550 B2	02-04-2024
		JP WO2020144764 A1	30-09-2021
		WO 2020144764 A1	16-07-2020
GB 1118768 A	03-07-1968	NONE	
WO2017163339 A1	28-09-2017	GB 2563162 A	05-12-2018
		JP 6567167 B2	28-08-2019
		JP WO2017163339 A1	13-12-2018
		US 2019049155 A1	14-02-2019
		WO 2017163339 A1	28-09-2017