



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 94 30 71

### Classification of the application (IPC):

F25B 39/00, F25B 39/04, F28D 1/053, F28F 1/02, F28F 17/00, F25B 47/02

### 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	US 2019049186 A1 (YOSHIMURA SUSUMU [JP] ET AL) 14 February 2019 (2019-02-14) * figures 1,2a,3 *	1-16
X	WO 2021079422 A1 (MITSUBISHI ELECTRIC CORP [JP]) 29 April 2021 (2021-04-29) * figure 2 *	1-16
X	CN 112204312 A (MITSUBISHI ELECTRIC CORP) 08 January 2021 (2021-01-08) * figure 3 *	1-16

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 09 July 2024	Examiner Bain, David
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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 09-07-2024.  
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