

**SUPPLEMENTARY PARTIAL EUROPEAN
SEARCH REPORT**

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

Application number:
EP 21 82 93 53

Classification of the application (IPC):

**F24F 11/46, F24F 11/48, F24F 11/54, F24F 11/61, F24F 11/80, F24F 3/14,
F24F 3/153, F24F 11/65**

Technical fields searched (IPC):

F24F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	JP 2010181043 A (DAIKIN IND LTD) 19 August 2010 (2010-08-19) * the whole document *	1, 14, 16 2-13
A	US 10584892 B2 (PANASONIC IP MAN CO LTD [JP]) 10 March 2020 (2020-03-10) * column 13, line 16 - column 14, line 41; figure 3 *	2
A	US 10060643 B2 (MITSUBISHI ELECTRIC CORP [JP]) 28 August 2018 (2018-08-28) * figure 3 *	1, 2, 14, 16
A	EP 3076092 B1 (MITSUBISHI ELECTRIC CORP [JP]) 04 March 2020 (2020-03-04) * paragraphs [0016] - [0157]; figures 1,2 *	1, 2, 14, 16

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R. 62a, 63) has been carried out.

Claim(s) completely searchable:1-14, 16

Claim(s) not searched:15

Reason for the limitation of the search:

[0001] The search has been restricted to the subject-matter indicated by the applicant in his letter of filed in reply to the invitation pursuant to Rule 62a(1) EPC, i.e. to claims 1-14,16. Upon entering the examination phase, the applicant should limit the application accordingly. the excised subject-matter may be made subject of a divisional application according to Rule 36 EPC.

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 25 January 2024	Examiner Lienhard, Dominique
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CATEGORY OF CITED DOCUMENTS

- | | |
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| 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 |
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ANNEX TO SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

Application number:
EP 21 82 93 53

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 25-01-2024
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2010181043 A	19-08-2010	NONE	
US 10584892 B2	10-03-2020	CN 106817909 A JP 6807556 B2 JP 2017067427 A US 2018195752 A1	09-06-2017 06-01-2021 06-04-2017 12-07-2018
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