



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 15 85 01 14

Classification of the application (IPC):

F24F 1/24, F24F 1/40, F24F 1/48, F24F 1/58, F24F 1/34

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 Y	JP 2006084106 A (MITSUBISHI ELECTRIC CORP) 30 March 2006 (2006-03-30) * abstract; figures 1-3 *	1-3, 5 4
Y	JP 2010144944 A (MITSUBISHI ELECTRIC CORP) 01 July 2010 (2010-07-01) * paragraphs [0015] - [0019]; figures 4, 5 *	4
A	EP 2481995 A1 (FUJITSU GENERAL LTD [JP]) 01 August 2012 (2012-08-01) * paragraphs [0061] - [0071]; figures 1, 3, 11-13 *	1-5
A	JP 2014077576 A (SHARP KK) 01 May 2014 (2014-05-01) * paragraph [0041]; figures 3-5 *	1-5

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:1-5

Claim(s) not searched:6-12

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 05.07.2018 filed in reply to the invitation pursuant to Rule 62a(1) EPC. The applicant's attention is drawn to the fact that the application will be further prosecuted on the basis of subject-matter for which a search has been carried out and that the claims should be limited to that subject-matter at a later stage of the proceedings (Rule 62a(2) 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 13 September 2018	Examiner Salaün, Eric
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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 PARTIAL EUROPEAN SEARCH REPORT

Application number:
EP 15 85 01 14

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 13-09-2018.
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Patent document cited in search report			Publication date	Patent family member(s)	Publication date
JP 2006084106	A	30-03-2006	JP	4391368 B2	24-12-2009
			JP	2006084106 A	30-03-2006
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			JP	2010144944 A	01-07-2010
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			JP	2012159223 A	23-08-2012
			US	2012195000 A1	02-08-2012
JP 2014077576	A	01-05-2014	JP	6092566 B2	08-03-2017
			JP	2014077576 A	01-05-2014