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## 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 11 74 20 95

**Classification of the application (IPC):**  
F24F 11/52, F24F 11/54, F24F 11/30

**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	EP 2056032 A1 (LG ELECTRONICS INC [KR]) 06 May 2009 (2009-05-06) * the whole document *	1, 2, 4-14
X	US 2002029096 A1 (TAKAI TADASHI [JP] ET AL) 07 March 2002 (2002-03-07) * paragraph [0043] - paragraph [0051] * * figures *	1
X	WO 2010001560 A1 (DAIKIN IND LTD) 07 January 2010 (2010-01-07) * abstract; figures * & EP 2309200 A1 (DAIKIN IND LTD [JP]) 13 April 2011 (2011-04-13) * paragraph [0079] - paragraph [0104] * * figures *	1

### 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, 2, 4-14

Claim(s) not searched: 3

#### 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 2 May 2018 filed in reply to the invitation pursuant to Rule 62a(1) and/or Rule 63(1) 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 23 May 2018	Examiner Mattias Grenbäck
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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 11 74 20 95

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 23-05-2018  
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
EP 2056032	A1	06-05-2009	EP	2056032 A1	06-05-2009
			ES	2379958 T3	07-05-2012
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			US	2004049320 A1	11-03-2004
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			BR	PI0913874 A2	27-10-2015
			CN	102077031 A	25-05-2011
			EP	2309200 A1	13-04-2011
			JP	4561890 B2	13-10-2010
			JP	2010014291 A	21-01-2010
			KR	20110036042 A	06-04-2011
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			WO	2010001560 A1	07-01-2010