



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 94 67 78

Classification of the application (IPC):
F24F 11/64, F24F 11/65, F24F 11/88, F24F 110/10

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 3677853 A1 (MITSUBISHI ELECTRIC CORP [JP]) 08 July 2020 (2020-07-08) * paragraph [0015] - paragraph [0025]; figures 1-7 *	1-15
A	CN 112178802 A (QINGDAO HAIER AIR CONDITIONER ET AL.) 05 January 2021 (2021-01-05) * paragraph [0023] - paragraph [0033]; claims 1-3; figure 1 *	1-15
A	WO 2012101762 A1 (MITSUBISHI ELECTRIC CORP [JP]; ISHIZAKA TAICHI [JP]) 02 August 2012 (2012-08-02) * paragraph [0014] - paragraph [0050]; claims 1-9; figures 3-9 *	1-15
A	JP 6058036 B2 (UNKNOWN) 11 January 2017 (2017-01-11) * paragraph [0028] - paragraph [0037]; figures 1-6 *	1-15
A	CN 104390314 A (ZHUHAI GREE ELEC APPLIANCES) 04 March 2015 (2015-03-04) * paragraph [0055] - paragraph [0078]; claims 1-10; figures 1-4 *	1-15
A	JP 6400325 B2 (MITSUBISHI HEAVY IND LTD) 03 October 2018 (2018-10-03) * paragraph [0007] - paragraph [0013] *	1-15

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 19 June 2024	Examiner Anconetani, Mirco
------------------------------	--	-------------------------------

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 21 94 67 78

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 19-06-2024
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
EP 3677853	A1	08-07-2020	CN 111033138 A 17-04-2020
			EP 3677853 A1 08-07-2020
			JP 6785975 B2 18-11-2020
			JP WO2019043834 A1 26-03-2020
			US 2021003304 A1 07-01-2021
			WO 2019043834 A1 07-03-2019
CN 112178802	A	05-01-2021	NONE
WO2012101762	A1	02-08-2012	CN 103328899 A 25-09-2013
			EP 2669589 A1 04-12-2013
			JP 5460891 B2 02-04-2014
			JP WO2012101762 A1 30-06-2014
			US 2013289778 A1 31-10-2013
			WO 2012101762 A1 02-08-2012
JP 6058036	B2	11-01-2017	JP 6058036 B2 11-01-2017
			JP WO2014118909 A1 26-01-2017
			US 2015345817 A1 03-12-2015
			WO 2014118909 A1 07-08-2014
CN 104390314	A	04-03-2015	NONE
JP 6400325	B2	03-10-2018	JP 6400325 B2 03-10-2018
			JP 2015210062 A 24-11-2015