



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 90 86 00

Classification of the application (IPC):  
F24F 13/10, F24F 1/00

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	CN 105091082 A (HISENSE KELON ELEC HOLDINGS CO; GUANGDONG KELON AIR CONDITIONER CO LTD) 25 November 2015 (2015-11-25) * claim 1; figures 2,6,7 *	1-5, 8 6, 7, 9-15
X A	CN 107949751 A (MITSUBISHI ELECTRIC CORP) 20 April 2018 (2018-04-20) * claim 1; figures 1-4 *	1 2-15
X A	WO 2016133261 A1 (SAMSUNG ELECTRONICS CO LTD [KR]) 25 August 2016 (2016-08-25) * claim 1; figures 1,5,6 *	1 2-15
X A	& EP 2226581 A1 (SHARP KK [JP]) 08 September 2010 (2010-09-08) * claim 1; figures 1-5 *	1 2-15

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 Munich	Date of completion of the search 05 December 2023	Examiner Degen, Marcello
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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

Application number:  
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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 05-12-2023  
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
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CN 107949751	A	20-04-2018	CN 107949751 A	20-04-2018
			EP 3385632 A1	10-10-2018
			JP 6559255 B2	14-08-2019
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			US 2022275968 A1	01-09-2022
			US 2023358435 A1	09-11-2023
			WO 2016133261 A1	25-08-2016