



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 87 47 54

Classification of the application (IPC):

F24F 1/022, F24F 5/00, F24F 11/00, F24F 13/08, F24F 1/04, F24F 13/14

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,D	KR 20110073764 A (LG ELECTRONICS INC [KR]) 30 June 2011 (2011-06-30) * paragraphs [0021] - [0028], [0065] - [0081]; figures 3,6,7 *	1-5
Y,D	WO 2017137327 A1 (ARCELIK AS [TR]) 17 August 2017 (2017-08-17) * paragraphs [0027] - [0037]; figures 2,5-8 *	1-5
Y	DE 4445834 A1 (GOLD STAR CO [KR]) 06 July 1995 (1995-07-06) * figure 12 *	1-5
Y	JP H06302177 A (RICOH KK) 28 October 1994 (1994-10-28) * abstract; figure 6 *	1-5
Y	JP H02297753 A (TOSHIBA CORP) 10 December 1990 (1990-12-10) * abstract; figure 8 *	1-5
Y	EP 0251972 A2 (BEBEK VUKSIC ZELJKO) 07 January 1988 (1988-01-07) * abstract; figure 1 *	1-5

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 08 September 2021	Examiner Valenza, Davide
---------------------------	---	-----------------------------

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 18 87 47 54

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 08-09-2021.
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
KR 20110073764	A	30-06-2011	NONE		
WO2017137327	A1	17-08-2017	NONE		
DE 4445834	A1	06-07-1995	CN	1115479 A	24-01-1996
			DE	4445834 A1	06-07-1995
			US	5598319 A	28-01-1997
JP H06302177	A	28-10-1994	NONE		
JP H02297753	A	10-12-1990	NONE		
EP 0251972	A2	07-01-1988	AT	69857 T	15-12-1991
			AU	601438 B2	13-09-1990
			BR	8703624 A	22-03-1988
			CA	1295444 C	11-02-1992
			CN	87105418 A	11-05-1988
			EP	0251972 A2	07-01-1988
			ES	295448 U	01-01-1987
			GR	3003924 T3	16-03-1993
			IN	169967 B	18-01-1992
			JP	H0543035 B2	30-06-1993
			JP	S6335985 A	16-02-1988
			US	4829628 A	16-05-1989