



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 86 75 78

Classification of the application (IPC):
F25D 21/04, F25D 23/06, F25D 11/02

Technical fields searched (IPC):
F25D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 9970701 B2 (SAMSUNG ELECTRONICS CO LTD [KR])	1-13, 15
Y	15 May 2018 (2018-05-15) * column 14, lines 18-23; figures *	14
Y	WO 2018181835 A1 (SAMSUNG ELECTRONICS CO LTD [KR]) 04 October 2018 (2018-10-04) * figure 3 *	14
A	KR 100656395 B1 (LG ELECTRONICS INC [KR]) 12 December 2006 (2006-12-12) * figures *	1-15
A	WO 2017065560 A1 (SAMSUNG ELECTRONICS CO LTD [KR]) 20 April 2017 (2017-04-20) * the whole document *	1

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 09 July 2024	Examiner Vigilante, Marco
------------------------------	--	------------------------------

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 22 86 75 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 09-07-2024.
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
US 9970701	B2	15-05-2018	NONE	
WO2018181835	A1	04-10-2018	NONE	
KR 100656395	B1	12-12-2006	NONE	
WO 2017065560	A1	20-04-2017	CN EP KR US WO	108027194 A 3295100 A1 20170044539 A 2017108266 A1 2017065560 A1
				11-05-2018 21-03-2018 25-04-2017 20-04-2017 20-04-2017