



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 91 47 01

Classification of the application (IPC):
F25C 1/04, F25C 5/08

Technical fields searched (IPC):
F25C, F25D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2019338995 A1 (BERTOLINI NILTON [US] ET AL)	1-10
Y	07 November 2019 (2019-11-07) * abstract; figures 1-5 * * paragraph [0049] - paragraph [0059] *	11
Y	EP 3669129 A1 (SAMSUNG ELECTRONICS CO LTD [KR])	11
A	24 June 2020 (2020-06-24) * abstract; figures 1-2 * * paragraph [0034] - paragraph [0039] *	1
A	KR 20160088777 A (DAE CHANG CO LTD [KR]) 26 July 2016 (2016-07-26) * the whole document *	1-11

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 16 May 2024	Examiner Bejaoui, Amin
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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

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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 16-05-2024.
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2019338995	A1	07-11-2019	NONE	
EP 3669129	A1	24-06-2020	CN 111148953 A EP 3669129 A1 KR 20190038074 A US 2019101317 A1 WO 2019066498 A1	12-05-2020 24-06-2020 08-04-2019 04-04-2019 04-04-2019
KR 20160088777	A	26-07-2016	NONE	