



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 82 15 21

Classification of the application (IPC):

D06F 58/38, D06F 101/20, D06F 103/08, D06F 103/32, D06F 105/28,
D06F 105/30, D06F 105/62, D06F 103/34, D06F 103/38, D06F 105/26,
D06F 105/46, D06F 105/52

Technical fields searched (IPC):

D06F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	KR 20160069891 A (LG ELECTRONICS INC [KR]) 17 June 2016 (2016-06-17) * paragraph [0008] - paragraph [0027] * * paragraph [0034] - paragraph [0042] * * figures 1-9 *	1-15
X	US 2016160431 A1 (BYEONGJO R; KIM J ET AL.) 09 June 2016 (2016-06-09) * paragraph [0043] - paragraph [0052] * * claims 1,2; figures 3-9 *	1-15
A	US 2007251119 A1 (KIM JAE S [KR] ET AL) 01 November 2007 (2007-11-01) * paragraph [0058] - paragraph [0068] * * figures 3, 4 * * claim 1 *	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 Munich	Date of completion of the search 02 March 2021	Examiner Bermejo, Marco
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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 02-03-2021
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