



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 88 82 03

Classification of the application (IPC):

H10K 30/00, C07F 7/24, H10K 30/40, H10K 30/50, H10K 71/50, H10K 85/50, H10K 30/88

Technical fields searched (IPC):

H10K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2019279825 A1 (VAN HEST MARINUS FRANCISCUS ANTONIUS MARIA [US] ET AL) 12 September 2019 (2019-09-12) * paragraphs [0040], [0044], [0051] - [0054], [0061] - [0063]; figures 1-4 *	1-15
X A	KR 101707050 B1 (DAEGU GYEONGBUK INST SCIENCE & TECH [KR]) 17 February 2017 (2017-02-17) * paragraphs [0019] - [0087]; figures 1,2 *	1, 4 2, 3, 5-15

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 The Hague	Date of completion of the search 09 November 2023	Examiner Chin, Patrick
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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 09-11-2023
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2019279825	A1	12-09-2019	US WO	2019279825 A1 2019173803 A1	12-09-2019 12-09-2019
KR 101707050	B1	17-02-2017	NONE		