

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.	International filing date ( <i>day/month/year</i> )	(Earliest) Priority Date ( <i>day/month/year</i> )	
PCT/EP2019/082458	25 November 2019 (25-11-2019)	26 November 2018 (26-11-2018)	
Applicant			
SCEYE SARL			

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed  
 a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b.  This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6*bis*(a)).

c.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box No. II)

3.  **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant  
 the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant  
 the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_  
 as suggested by the applicant  
 as selected by this Authority, because the applicant failed to suggest a figure  
 as selected by this Authority, because this figure better characterizes the invention
- b.  none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2019/082458

A. CLASSIFICATION OF SUBJECT MATTER  
INV. D06M11/73 D06M11/76 D06M15/41 B32B5/02 B64B1/58  
ADD.  
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED  
Minimum documentation searched (classification system followed by classification symbols)  
D06M B32B B64F B64B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2015 0049403 A (KUMOH NAT INST TECH ACAD COOP [KR]) 8 May 2015 (2015-05-08) claims	1-8
A	----- KR 101 734 895 B1 (KUMOH NAT INST OF TECH INDUSTRY-ACADEMIC COOP FOUND [KR]) 12 May 2017 (2017-05-12) the whole document	1-8
A	----- CN 103 014 901 B (HARBIN INST OF TECHNOLOGY) 24 December 2014 (2014-12-24) claims	1-8
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Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search <b>17 February 2020</b>	Date of mailing of the international search report <b>03/03/2020</b>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer <b>Blas, Valérie</b>
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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2019/082458

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SUDEEP P M ET AL: "Covalently interconnected three-dimensional graphene oxide solids", ACS NANO 20130827 AMERICAN CHEMICAL SOCIETY USA,, vol. 7, no. 8, 27 August 2013 (2013-08-27) , pages 7034-7040, XP002765142, DOI: 10.1021/NN402272U cited in the application the whole document	1-8
A	----- WO 2018/077806 A1 (SCEYE SARL [CH]) 3 May 2018 (2018-05-03) claims -----	1-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2019/082458

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 20150049403	A	08-05-2015	NONE
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KR 101734895	B1	12-05-2017	NONE
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CN 103014901	B	24-12-2014	NONE
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WO 2018077806	A1	03-05-2018	
		AU 2017351564 A1	30-05-2019
		BR 112019008047 A2	02-07-2019
		CA 3041392 A1	03-05-2018
		CL 2019001067 A1	13-09-2019
		CN 109963779 A	02-07-2019
		CO 2019004050 A2	10-07-2019
		EA 201990896 A1	31-10-2019
		EP 3529146 A1	28-08-2019
		JP 2019533610 A	21-11-2019
		KR 20190083335 A	11-07-2019
		PE 20191141 A1	02-09-2019
		PH 12019500857 A1	02-12-2019
		SG 11201903319T A	30-05-2019
		WO 2018077806 A1	03-05-2018
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