

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1815801PCT		FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2019/054890	International filing date (day/month/year) 12-06-2019	(Earliest) Priority Date (day/month/year) 30-11-2018	
Applicant SAXENA, PIYUSH			

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 3 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 43.6bis(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. 1

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/IB2019/054890

A. CLASSIFICATION OF SUBJECT MATTER
A62B23/06 Version=2019.01

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)

A62B

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)

TotalPatent One, IPO Internal Database

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2008139499 A1 (NARCISCO, PAOLO) 20 NOV 2008 (20.11.2008) Page:2 line 18- Page 4 line 2; Figures: 1,2;	1-11
Y	US 7918224 B2 (AIRWARE, INC.) 05 APR 2011 (05.04.2011) Col.8 line 65- Col.9 line 20; Figure:9; Col.11 line 51- Col.12 line 5; Col.10 lines 25-28; Col.7 lines 21-26; Figure:9, 21-24;	1-11
Y	CN 204182044 U (WUHU BOMAI NEW MATERIAL TECHNOLOGY CO LTD) 04 MAR 2015 (04.03.2015) Figure: 1,4; Claim 1;	1-11
Y	WO 2004069110 A1 (VANGSGAARD, Jorgen) 19 AUG 2004 (19.08.2004) Figure: 1, Abstract;	6

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"D" document cited by the applicant in the international application	"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
"E" earlier application or patent but published on or after the international filing date	"&" document member of the same patent family
"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	

Date of the actual completion of the international search

04-10-2019

Date of mailing of the international search report

04-10-2019

Name and mailing address of the ISA/

Indian Patent Office
Plot No.32, Sector 14, Dwarka, New Delhi-110075
Facsimile No.

Authorized officer

Sreedhar Panchumarthi
Telephone No. +91-1125300200

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/IB2019/054890

Citation	Pub.Date	Family	Pub.Date
WO 2008139499 A1	20-11-2008	CN 101743040 A	16-06-2010
		EP 2150317 A1	10-02-2010
		ES 2620645 T3	29-06-2017
		US 2010147307 A1	17-06-2010
US 7918224 B2	05-04-2011	AT 534435 T	15-12-2011
		AU 2005226662 A1	06-10-2005
		AU 2006297495 A1	12-04-2007
		AU 2009209016 A1	06-08-2009
		CA 2581433 A1	06-10-2005
		CA 2624198 A1	12-04-2007
		CA 2714386 A1	06-08-2009
		CN 1953778 A	25-04-2007
		CN 101330946 A	24-12-2008
		CN 101970056 A	09-02-2011
		EP 1725286 A2	29-11-2006
		EP 1928556 A2	11-06-2008
		EP 2242542 A2	27-10-2010
		JP 2007531570 A	08-11-2007
		JP 2009509642 A	12-03-2009
		JP 2011510755 A	07-04-2011
		JP 2014000441 A	09-01-2014
		JP 2014158968 A	04-09-2014
		MX 2010008309 A	04-03-2011
		US 2005205095 A1	22-09-2005
		US 2008023007 A1	31-01-2008
		US 2009007919 A1	08-01-2009
		US 2015182766 A1	02-07-2015
WO 2005092004 A2	06-10-2005		
WO 2007041015 A2	12-04-2007		
WO 2009097553 A2	06-08-2009		
WO 2004069110 A1	19-08-2004	DK 200300043 U3	11-04-2003