

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DOW-39804-A	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2018/048499	International filing date (<i>day/month/year</i>) 29 August 2018 (29-08-2018)	(Earliest) Priority Date (<i>day/month/year</i>) 31 August 2017 (31-08-2017)
Applicant DOW GLOBAL TECHNOLOGIES LLC		

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. 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

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

In an embodiment, a flexible bag (2) is provided and includes opposing flexible films (22, 24) composed of a polymeric material. The flexible films define a common peripheral edge (26). The flexible bag includes a microcapillary strip (18) located between the opposing flexible films and extending along a portion of the common peripheral edge. A peripheral seal (28) extends along at least a portion of the common peripheral edge. The peripheral seal seals the microcapillary strip between the opposing flexible films. The peripheral seal forms a closed compartment. The flexible bag includes an amount of a flowable solid particulate material (FSPM) in the storage compartment.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2018/048499

A. CLASSIFICATION OF SUBJECT MATTER
INV. B65D33/01
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)
B65D

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2017/003859 A1 (DOW GLOBAL TECHNOLOGIES LLC [US]) 5 January 2017 (2017-01-05) paragraphs [0068] - [0076], [0127]; figures 15-17	1-5
A	WO 2015/057053 A1 (SIN SHENG KUANG M SDN BHD [MY]) 23 April 2015 (2015-04-23) figure 1	1-5
A	EP 0 700 839 A1 (CIF SA [FR]) 13 March 1996 (1996-03-13) column 4, lines 30-41; figure 4	1-5



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

17 October 2018

Date of mailing of the international search report

26/10/2018

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2018/048499

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2017003859 A1	05-01-2017	AR 105133 A1 BR 112017025931 A2 CA 2990622 A1 CL 2017003181 A1 CN 107810145 A CO 2018000237 A2 EP 3313741 A1 JP 2018519217 A KR 20180021079 A US 2018194504 A1 WO 2017003859 A1	06-09-2017 14-08-2018 05-01-2017 01-06-2018 16-03-2018 10-04-2018 02-05-2018 19-07-2018 28-02-2018 12-07-2018 05-01-2017
WO 2015057053 A1	23-04-2015	AU 2014334988 A1 CN 105683053 A JP 2016534946 A WO 2015057053 A1	05-05-2016 15-06-2016 10-11-2016 23-04-2015
EP 0700839 A1	13-03-1996	EP 0700839 A1 FR 2724152 A1	13-03-1996 08-03-1996