

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference D-45087-01	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2018/020379	International filing date (<i>day/month/year</i>) 1 March 2018 (01-03-2018)	(Earliest) Priority Date (<i>day/month/year</i>) 2 March 2017 (02-03-2017)
Applicant CRYOVAC, INC.		

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 43.6*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

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2018/020379

A. CLASSIFICATION OF SUBJECT MATTER
INV. C08G71/04 C08J9/00 C08J9/08 C08J9/30
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)
C08G C08J

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.
X	EP 2 735 585 A1 (SEALED AIR CORP [US]) 28 May 2014 (2014-05-28)	23
A	paragraphs [0055], [0036], [0060], [0063]; claim 1	1-22
X	WO 2013/077865 A1 (CRYOVAC INC [US]; SPEER DREW [US]; MAHON WILLIAM J [US]; MAO LORNA LU) 30 May 2013 (2013-05-30)	23
Y	page 2, lines 21-31; claim 1	1-22
Y	US 2013/203878 A1 (IGUALADA JUAN-ANTONIO [ES] ET AL) 8 August 2013 (2013-08-08)	1-22
	paragraphs [0060] - [0062]	

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 1 June 2018	Date of mailing of the international search report 08/06/2018
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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 Buestrich, Ralf
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2018/020379

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
EP 2735585	A1	28-05-2014	EP 2735585 A1	28-05-2014
			EP 2977399 A1	27-01-2016
			ES 2555000 T3	28-12-2015
			US 2014171530 A1	19-06-2014
			US 2017198112 A1	13-07-2017

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			BR 112014012078 A2	13-06-2017
			CA 2856499 A1	30-05-2013
			CN 103946288 A	23-07-2014
			EP 2782957 A1	01-10-2014
			MX 336976 B	09-02-2016
			NZ 625017 A	29-04-2016
			US 2015197613 A1	16-07-2015
			WO 2013077865 A1	30-05-2013

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			EP 2601253 A1	12-06-2013
			JP 5796072 B2	21-10-2015
			JP 2013532764 A	19-08-2013
			US 2013203878 A1	08-08-2013
			WO 2012018422 A1	09-02-2012
