

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2019/059991

A. CLASSIFICATION OF SUBJECT MATTER INV. A23L33/105 A23L33/115 A23L33/12 A23P10/30 A61K9/107 A61K9/51 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) A23L A23P A61K 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, BIOSIS, FSTA, 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	WO 2016/193373 A1 (ANABIO TECH LTD [IE]) 8 December 2016 (2016-12-08) claims 4-5,7-9,14-15,21-24 page 7, lines 23-29 page 14, line 23 - page 15, line 6 page 20, lines 13-20 -----	1-26
X	WO 2009/029406 A1 (PEPSICO INC [US]; KOHANE DANIEL S [US] ET AL.) 5 March 2009 (2009-03-05) claims 7-10,16-20 paragraphs [0020] - [0026] -----	1-26
X	WO 2016/022532 A1 (ADVANCED BIONUTRITION CORP [US]) 11 February 2016 (2016-02-11) claims 2,4,7-8,11-15,18-20 page 8, lines 7-31 example 2 -----	1-26
-/-		
☒ 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 11 March 2020		Date of mailing of the international search report 23/06/2020
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 Heirbaut, Marc

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-26

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2008/085997 A2 (OCEAN NUTRITION CANADA LTD [CA]; YAN CUIE [CA] ET AL.) 17 July 2008 (2008-07-17) claims 2,6-28,33-65,194-195 -----	1-26

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26

Particle comprising a compound with a protein-based shell and a coating comprising a polysaccharide encapsulating the at least one shelled compound; composition comprising these particles

2. claims: 27-38

Method for encapsulating a compound comprising mixing the compound and a solvent with a protein or a polysaccharide or a mixture thereof, thereby encapsulating said compound; particle produced by this method

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2016193373 A1	08-12-2016	AU 2016271837 A1 CN 107846960 A EP 3302105 A1 US 2018071224 A1 WO 2016193373 A1	09-11-2017 27-03-2018 11-04-2018 15-03-2018 08-12-2016
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WO 2008085997 A2	17-07-2008	AR 064846 A1 AU 2008205325 A1 CA 2675123 A1 CL 2008000063 A1 CN 101641087 A CN 103536579 A EP 2124905 A2 ES 2604081 T3 JP 2010515455 A KR 20090117731 A MX 339007 B NZ 578872 A PE 20081684 A1 PE 20121508 A1 US 2011117180 A1 WO 2008085997 A2	29-04-2009 17-07-2008 17-07-2008 18-08-2008 03-02-2010 29-01-2014 02-12-2009 02-03-2017 13-05-2010 12-11-2009 05-05-2016 27-07-2012 19-11-2008 26-11-2012 19-05-2011 17-07-2008