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(54) Title: COMPOSITIONS FOR GROWTH AND VIGOUR IN SOYBEAN

(57) Abstract: Coating composition for applying to soybean seed from which roots and shoots are capable of growing, wherein the said coating composition comprises one or more organic materials having a melting point of $\geq 50^{\circ}\text{C}$ Centigrade and one or more additives, methods of making such compositions and coated soybean seeds.



INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2012/000364

A. CLASSIFICATION OF SUBJECT MATTER INV. A01N25/08 A01N25/00 C05G3/00 C05F11/10 A01N25/12 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) A01N C05G C05F		
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	US 2 936 226 A (KAUFMAN JOHN J ET AL) 10 May 1960 (1960-05-10) col umn 1, line 22 - line 30 col umn 1, line 46 - line 48 col umn 2, line 46 - line 51 col umn 2, line 59 examples claims 1,2 -----	1-4, 12 , 13 ,20
X	US 2007/072775 AI (VAN BOXTEL-VERHOEVEN LONNEKE J [NL] ET AL) 29 March 2007 (2007-03-29) paragraphs [0002] , [0040] , [0046] , [0050] , [0051] , [0053] paragraphs [0065] - [0083] ; examples 1-5 claims 1, 5, 7, 8, 12, 13 ----- -/--	1-4, 12 , 13 ,20
☒ 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 4 January 2013		Date of mailing of the international search report 10/04/2013
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 Panday, Narendra

INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2012/000364

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 118 158 A (BIOCHEMICAL MARKETING CORP) 26 October 1983 (1983-10-26) page 7, lines 4-8 Formulations 7, 8; Example VIII page 10, line 28 - line 35 tables 4-7, 9-39 claims 1, 7, 8, 9, 15, 30 -----	1-4, 12, 13,20
X	US 5 283 060 A (SHI EH TSUONG R [US]) 1 February 1994 (1994-02-01) claims 1-7 column 5, lines 1,2 column 6, line 16 - line 15 -----	1-4, 12, 13,20
X	WO 99/07654 A1 (UNIV BEN GURION [IL] ; MARKUS ARIE [IL] ; WISMAN ZEEV [IL] ; WOLF DAVID) 18 February 1999 (1999-02-18) page 3, line 17 - line 26 claims 1,2 -----	1-4, 12, 13,20
X	WO 01/78509 A2 (BAYER AG [DE] ; PRIESNITZ UWE [DE] ; HAPPE PETER [DE]) 25 October 2001 (2001-10-25) page 2, line 25 examples 1-3, A-C -----	1-4, 12, 13,20
T	unknown author: "Wax", Wikipedia, the free encyclopedia , 25 November 2012 (2012-11-25) , XP002688447 , Retrieved from the Internet: URL: http://en.wikipedia.org/wiki/Wax [retrieved on 2012-12-03] page 1, lines 1-6 -----	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2012/00Q364

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.:

see annexes

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-4, 12, 13, 20

A soybean seed coating composition according to claim 1 and soybean seeds coated therewith

2. claims: 5-11, 14-19

Methods for preparing a soybean seed coating composition according to claim 1 and the soybean seeds coated therewith; use of organic material in such methods (e.g. claim 5)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2012/000364

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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