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3 June 2010

(54) Title: EMULSIFIED WAX COMPOSITIONS AND USES THEREOF

(57) Abstract: The present invention discloses emulsified wax compositions having a wide range of uses, including as cosmetic, pharmaceutical and agricultural compositions, particularly for improving skin moisture, appearance, and wound healing, for the treatment of inflammation and allergic responses of the skin, and for preservation of agricultural fresh produce. The composition of the invention comprises an aqueous phase and at least one wax at a concentration of at least 5%, at least one fatty acid and at least one basic amino acid or a salt thereof.



WO 2009/087632 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/IL2009/000035

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K9/00 A61K47/02 A61K47/10 A61K47/12 A61K47/18
A61K47/26 A61K47/34 A61K47/44

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)

A61K A23B A01N

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 practical, search terms used)

EPO-Internal, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/134043 A1 (NAKAMURA AKANE [JP]) 22 June 2006 (2006-06-22)	1,2, 5-12, 14-16, 18,19, 21,23, 24,26, 28,29
Y	page 4, paragraph 46 - page 5, paragraph 56; table 1 ----- -/--	1-29, 33-36, 39,41-43

☒ 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 document 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

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International application No

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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	US 4 400 295 A (OOTSU YOSHIRO [JP] ET AL) 23 August 1983 (1983-08-23) column 1, paragraph 46-48 column 18; example 56	1-5,7, 9-12, 14-16, 18,19, 26,28,29
Y		1-29, 33-36, 39, 41-43,45
Y	US 2004/156877 A1 (TOKUYAMA TAKASHI [JP] ET AL) 12 August 2004 (2004-08-12) page 1, paragraph 5 page 6, paragraph 149 - page 7, paragraph 183; examples 6,9 page 18, paragraphs 496,497	1-29, 33-36, 39, 41-43,45
Y	EP 0 589 047 A (OTSUKA PHARMA CO LTD [JP]) 30 March 1994 (1994-03-30) page 4, line 53 - page 5, line 9 page 7, lines 20-36; example 6	1-29, 33-36, 39, 41-43,45
P,X	EP 1 920 760 A (OREAL [FR]) 14 May 2008 (2008-05-14) cited in the application page 4, paragraph 30-33 page 9, paragraph 82 pages 14-15; example 1	1,2, 5-11, 14-19, 23,26, 28,29

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL2009/000035

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 annex

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, 2; 3 partially; 4, 5; 6 partially; 7; 8 partially; 9-12; 13 partially; 14-16; 17 partially; 18, 19; 20-25 partially; 26, 27 partially; 28, 29; 33-36, 39; 41-43 partially; 45

composition comprising at least 5% wax, at least one fatty acid an at least one basic amino acid or a salt thereof for the treatment of a skin disorder or disease

2. claims: 6 partially; 8 partially; 13 partially; 17 partially; 20-25 partially; 27 partially; 37, 38, 40; 41-43 partially; 44

composition comprising at least 5% wax, at least one fatty acid an at least one basic amino acid or a salt thereof for use against insect bites

3. claims: 3 partially; 13 partially; 17 partially; 20 partially; 22 partially; 25 partially; 27 partially; 30-32, 46-51

composition comprising at least 5% wax, at least one fatty acid an at least one basic amino acid or a salt thereof for application to the surface of a plant fresh produce

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2009/000035

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