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(54) Title: NON-AQUEOUS COLLOIDAL FORMULATION

(57) Abstract: The invention relates to formulations, such as a gel, which are non-aqueous, colloidal, consisting of a first and a second component as defined in the specification and having a particular structure as defined in the specification; methods of manufacturing such formulations; oral care compositions and topical / transdermal compositions containing such formulations; methods of manufacturing such compositions and to the use of these formulations and compositions in cosmetics, pharmaceuticals, nutrition and dietary.



WO 2010/054495 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/CH2009/000361

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K9/70
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)
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 practical, 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 5 919 471 A (SAFERSTEIN LOWELL [US] ET AL) 6 July 1999 (1999-07-06) claims 1-3	1-19
X	WO 96/10429 A (ALZA CORP [US]) 11 April 1996 (1996-04-11) page 8, line 27 - page 9, line 19; claims 1,2	1-19
X	WO 2007/035009 A (DC CHEMICAL CO LTD [KR]; YANG SE IN [KR]; YOO KYUNG KEUN [KR]; KIM YON) 29 March 2007 (2007-03-29) claims 1-9	1-19
X	US 2004/077604 A1 (LICHTENBERGER LENARD [US]) 22 April 2004 (2004-04-22) paragraph [0134]; claims 11,18,20	1-19
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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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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

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	EP 1 063 007 A (OREAL [FR]) 27 December 2000 (2000-12-27) paragraphs [0001], [0023], [0027] - [0029], [0034]; claims 1-19; examples 1,2 -----	1-19
X	EP 1 082 956 A (OREAL [FR]) 14 March 2001 (2001-03-14) paragraphs [0016], [0017], [0056]; claims 1-3; examples 1-3 -----	1-19
X	US 5 552 000 A (SHEPHERD JR WALTER B [US]) 3 September 1996 (1996-09-03) column 4, lines 52-67; claim 1 -----	1-19
X	WO 2005/097834 A (CIBA SC HOLDING AG [CH]; RIDLEY ELEANOR BERNICE [GB]; GREEN MICHAEL [G]) 20 October 2005 (2005-10-20) page 3, line 13 - page 4, line 8 -----	1-19
X	WO 99/12077 A (HOECHST CELANESE CORP [US]) 11 March 1999 (1999-03-11) page 9, line 20 - page 11, line 7; claim 24 -----	1-19
X	EP 0 180 483 A (RUTLAND CONSULTING GROUP LTD [CA]) 7 May 1986 (1986-05-07) claims 1-9 -----	1-19
X	US 2006/160921 A1 (RAGONE PIETRO J [US] ET AL) 20 July 2006 (2006-07-20) claims 15-18 -----	1-19
X	WO 2005/007761 A (DU PONT [US]; HERMAN SKY CLARENCE GAETANO [US]) 27 January 2005 (2005-01-27) page 6, lines 5-32 -----	1-19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CH2009/000361

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.: **1-19(partially)**
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:
see FURTHER INFORMATION sheet PCT/ISA/210

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:

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.:

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

Continuation of Box II.2

Claims Nos.: 1-19(partially)

No clear meaning of the term "tubulosome" in the prior art. Contradictory conditions to define the first component of the composition.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.2), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/CH2009/000361

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
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