**Title:** COMPOSITION AND USES THEREOF

**Abstract:** A composition for topical application to the skin comprises a cocoa polyphenol extract in combination with an SUS-rich fat, wherein the cocoa polyphenol extract is present in an amount of less than 15% by weight based on the weight of the SUS-rich fat, and a cosmetically acceptable carrier. The composition and the extract that it contains may increase skin elasticity and thickness and/or have an anti-wrinkle effect, may cause the depigmentation of age spots, improve skin renewal and/or reduce skin dryness such as reducing discomfort of chapped hands.

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**Depigmentation of age spots**

![Fig 3](image-url)
## A. CLASSIFICATION OF SUBJECT MATTER

| INV.: | A61K8/97 | A61Q19/00 | A61Q19/08 |

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  A61Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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</table>
| X         | US 2003/170199 A1 (LECLERE JACQUES [FR])  
11 September 2003 (2003-09-11)  
paragraph [0007] - paragraph [0009]  
paragraphs [0021], [0 26]; claims;  
example 1 | 1-13,17 |
| A         | WO 02/14251 A1 (BARRY CALLEBAUT FRANCE  
[FR]; LECOPEAU JEAN PAUL [FR];  
VERCAUTEREN JOS)  
21 February 2002 (2002-02-21)  
page 16 - page 17; claims | 1-12 |
| X         | FR 2 838 055 A1 (CEP [FR])  
10 October 2003 (2003-10-10)  
claims; example 5.1 | 1-12 |

* 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 novel or 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

17 March 2010

Date of mailing of the international search report

29/03/2010

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
NL – 2280 HV Rijswijk  
Tel: (+31-70) 340-2540,  
Fax: (+31-70) 340-3016

Authorized officer

Donovan-Beermann, T
<table>
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<tr>
<td>A</td>
<td>WO 2006/117466 A1 (NUXE LAB [FR]; LECLERE JACQUES [FR]) 9 November 2006 (2006-11-09) the whole document</td>
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<td>X</td>
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**INTERNATIONAL SEARCH REPORT**

**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. X 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.:
   
   1-14, 17

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.

X No protest accompanied the payment of additional search fees.
This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12

A composition for topical application to the skin comprising a cocoa polyphenol extract in combination with an SUS-rich fat, wherein the cocoa polyphenol extract is present in an amount of less than 15% by weight based on the weight of the SUS-rich fat, and a cosmetically acceptable carrier.

2. claims: 13(completely); 17(partially)

Use of a cocoa polyphenol extract in a cosmetic composition for topical application, for increasing skin elasticity and thickness and/or an anti-wrinkle effect, wherein: the cocoa polyphenol extract is obtainable by the extraction of non-defatted cocoa beans which have not been fermented or have been allowed to ferment for no more than three days; or the cocoa polyphenol extract is provided in combination with an SUS-rich fat.

3. claims: 14(completely); 17(partially)

Use of a cocoa polyphenol extract in a cosmetic composition for topical application; for the depigmentation of age spots, wherein: the cocoa polyphenol extract is obtainable by the extraction of non-defatted cocoa beans which have not been fermented or have been allowed to ferment for no more than three days; or the cocoa polyphenol extract is provided in combination with an SUS-rich fat.

4. claims: 15(completely); 17(partially)

Use of a cocoa polyphenol extract in a cosmetic composition for topical application, for the improvement of skin renewal, wherein: the cocoa polyphenol extract is obtainable by the extraction of non-defatted cocoa beans which have not been fermented or have been allowed to ferment for no more than three days; or the cocoa polyphenol extract is provided in combination with an SUS-rich fat.

5. claims: 16(completely); 17(partially)

Use of a cocoa polyphenol extract in a cosmetic composition for topical application, for reducing skin dryness such as reducing discomfort of chapped hands, wherein: the cocoa polyphenol extract is obtainable by the extraction of non-defatted cocoa beans which have not been fermented or have been allowed to ferment for no more than three days; or the cocoa polyphenol extract is provided in combination with
an SUS-rich fat.
<table>
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