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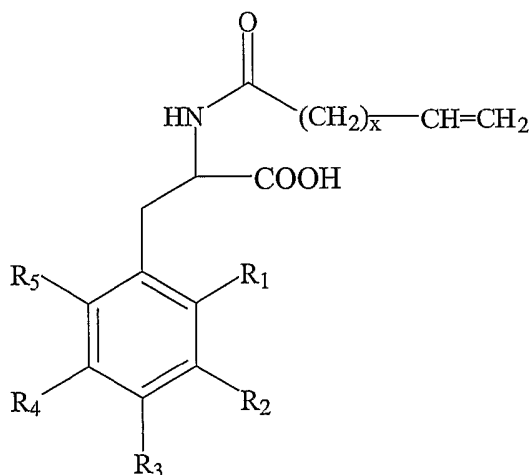
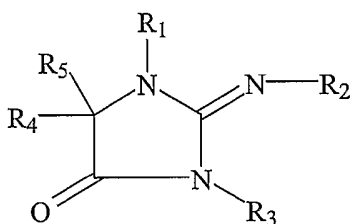
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(88) Date of publication of the international search report:

30 November 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SKIN LIGHTENING COMPOSITIONS

(57) Abstract: The present invention concerns methods and compositions that can be used, for example, in skin whitening or hyperpigmentation applications. The composition, in non-limiting aspects, can include a vitamin C derivative, niacinamide, an extract formulation comprising cucumber and lemon extract or compounds that include the following formulas: where R₁, R₂, R₃, R₄, and R₅ are independently an H, an alkyl group, a hydroxyalkyl group, or a carboxyalkyl group or where R₁, R₂, R₃, R₄, and R₅ are independently an H, an alkyl group, a hydroxyalkyl group, or a carboxyalkyl group and where x is an integer from 1 to 30.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/10149

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 8/00(2006.01),8/02(2006.01),8/04(2006.01),36/00(2006.01),36/42(2006.01),36/752(2006.01);A61Q 19/00(2006.01),19/02(2006.01)

USPC: 424/62,400,401,725,736,758

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)
U.S. : 424/62, 400, 401,725, 736, 758

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN, WEST, CAS ONLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,747,006 A (DORNOFF ET AL.) 5 MAY 1998, SEE ENTIRE DOCUMENT.	1-32 ----- 33-100
X --- Y	US PATENT APPLICATION PUBLICATION NO. 2003/0180237 A1 (LERSCH ET AL.) 25 SEPTEMBER 2003., SEE ENTIRE DOCUMENT.	1-15 ----- 33-100
X --- Y	US PATENT APPLICATION PUBLICATION NO. 2004/0175347 A1 (BISSETT) 09 SEPTEMBER 2005, SEE ENTIRE DOCUMENT.	1-15 ----- 33-100

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"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

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Date of the actual completion of the international search

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