

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 September 2002 (19.09.2002)

PCT

(10) International Publication Number
WO 02/072060 A3

(51) International Patent Classification⁷: **A61K 7/48**,
7/021, 7/025, 7/027, 7/032, 7/32, 7/42

(21) International Application Number: PCT/US02/06742

(22) International Filing Date: 5 March 2002 (05.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/273,905 7 March 2001 (07.03.2001) US

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ble Company, 5299 Spring Grove Avenue, Cincinnati, OH
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(81) Designated States (*national*): AE, AG, AL, AM, AT (util-
ity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,

CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (util-
ity model), DE, DK (utility model), DK, DM, DZ, EC, EE
(utility model), EE, ES, FI (utility model), FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD,
SE, SG, SI, SK (utility model), SK, SL, TJ, TM, TN, TR,
TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments*

(88) Date of publication of the international search report:
16 January 2003

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: TOPICAL COMPOSITION COMPRISING A THREE MEMBERED CYCLIC COMPOUND-BASED COSMETIC
BONDING AGENT

(57) Abstract: The present invention relates to cosmetic compositions that comprise: a) a safe and effective amount of a three membered functional cyclic bonding agent having the structure (I) wherein X represents a cosmetic benefit agent that may or may not be attached to a chemical linker and Y represents O, NH, S, or Se; and b) a cosmetically acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the cosmetic benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.



WO 02/072060 A3

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 02/06742

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/48 A61K7/021 A61K7/025 A61K7/027 A61K7/032
 A61K7/32 A61K7/42

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)

IPC 7 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, CHEM ABS Data, BEILSTEIN Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 11, 3 January 2001 (2001-01-03) & JP 2000 226763 A (JAPAN WOOL TEXTILE CO LTD), 15 August 2000 (2000-08-15) abstract; examples 2 and 3 ---	1-5
A	US 5 686 065 A (HANEY DAVID N) 11 November 1997 (1997-11-11) table I; examples ---	
A	US 5 490 980 A (BAILEY PETER L ET AL) 13 February 1996 (1996-02-13) the whole document -----	

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

13 November 2002

Date of mailing of the international search report

29/11/2002

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/06742

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