

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 January 2008 (17.01.2008)

PCT

(10) International Publication Number
WO 2008/006888 A1

(51) International Patent Classification:

A61K 31/192 (2006.01) A61K 31/327 (2006.01)
A61P 17/10 (2006.01) A61K 9/06 (2006.01)

(74) Agent: ANDRAL, Christophe; L'Oreal, RIVER PLAZA
- DIPI, 25-29 Quai Aulagnier, F-92665 Asnieres-sur-Seine
(FR).

(21) International Application Number:

PCT/EP2007/057207

(22) International Filing Date: 12 July 2007 (12.07.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0652968 13 July 2006 (13.07.2006) FR
60/833,491 27 July 2006 (27.07.2006) US

(71) Applicant (for all designated States except US): GAL-
DERMA RESEARCH & DEVELOPMENT [FR/FR];
2400 Route des Colles, Les Templiers, F-06410 Biot (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ABOU-CHACRA
VERNET, Marie-line [FR/FR]; 133 avenue Sainte
Marguerite, Les Bergeronnettes Bât A2, F-06200 Nice
(FR). GROSS, Denis [FR/FR]; 342 chemin des Bruyères,
F-83440 Callian (FR). LOESCHE, Christian [FR/FR];
1 Place des Cines, F-06560 Valbonne (FR). PONCET,
Michel [FR/FR]; 87 allée de l'Orme, Domaine du Colom-
bier, F-06250 Mougins (FR).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,
ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK,
LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW,
MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,
PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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: COMBINATION OF ADAPALENE AND BENZOYL PEROXIDE FOR TREATING ACNE LESIONS

(57) Abstract: The invention relates to the use of adapalene or a pharmaceutically acceptable salt thereof for the manufacture of a pharmaceutical composition for reducing the number of acne lesions, via daily topical application, in combination or in association with benzoyl peroxide (BPO). The recommended treatment may take the form of a pharmaceutical composition combining adapalene and BPO or a concomitant application of two pharmaceutical compositions, one comprising adapalene and the other comprising BPO.



WO 2008/006888 A1