

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

(19) World Intellectual Property Organization
International Bureau



G00002

(43) International Publication Date
20 June 2002 (20.06.2002)

PCT

(10) International Publication Number
WO 02/47642 A1

(51) International Patent Classification⁷: **A61K 7/48**

(21) International Application Number: PCT/EP01/14825

(22) International Filing Date:
14 December 2001 (14 12 2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
00127555 1 15 December 2000 (15.12 2000) EP
60/255,379 15 December 2000 (15 12 2000) US

(71) Applicant (for all designated States except US): **SCHERING AG** [DE/DE], Müllerstrasse 178, 13353 Berlin (DE)

(72) Inventor; and

(75) Inventor/Applicant (for US only): **FRANKE, Patrick** [DE/DE], McNair-Promenade 124, 14167 Berlin (DE)

74) Agent: **DF-MP DÖRRIES FRANK-MOLNIA & POHLMAN**; Triftstr 13, 80538 München (DE)

162162 (31) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, 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, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, 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)

Declaration under Rule 4.17:

— as to the identity of the inventor (Rule 4.17(i)) for all designations

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

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: **HYPOALLERGENIC AND NON-IRRITANT SKIN CARE FORMULATIONS**

(57) Abstract: The invention provides novel hypoallergenic and non-irritant medical skin care formulations being water-in-oil emulsions. The formulations are free from ingredients with a known allergenic potential, such as fragrances, preservatives, colorings, plant extracts, PEGs, cetylstearyl alcohol, lanolin alcohol, lower alcohols and proteins, thus being particularly suitable for patients with sensitive dry skin. The skin care formulations of the invention are useful in the prophylaxis and treatment of dry, sensitive skin or in the therapy or therapy support of eczematous or psoriatic skin and exhibit favorable sensorial properties. The invention furthermore provides a method of manufacturing the novel hypoallergenic and non-irritant skin care formulations.

WO 02/47642 A1