

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 July 2006 (13.07.2006)

PCT

(10) International Publication Number
WO 2006/073822 A1

(51) International Patent Classification:
A61Q 11/02 (2006.01) *A61K 8/81* (2006.01)
A61K 8/22 (2006.01)

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(21) International Application Number:
PCT/US2005/046240

(22) International Filing Date:
21 December 2005 (21.12.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/640,656 30 December 2004 (30.12.2004) US
11/285,871 23 November 2005 (23.11.2005) US

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

(57) Abstract: In various embodiments, the present invention provides a tooth whitening composition comprising a peroxide composite and an orally acceptable carrier. The peroxide composite comprises a peroxide compound and a porous cross-linked polymer, preferably in the form of a microporous particulate. The peroxide compound can be sorbed onto the porous crosslinked polymer. The porous cross-linked polymer may comprise a polymerized polyunsaturated monomer selected from polyacrylates, polymethacrylates, polyitaconates, and mixtures thereof. The carrier can be non-aqueous, and can comprise a film forming material. Methods are also provided for whitening a tooth surface with the tooth whitening compositions.

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