

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 June 2006 (29.06.2006)

PCT

(10) International Publication Number
WO 2006/068753 A1

(51) International Patent Classification:

A61K 8/19 (2006.01) A61K 8/368 (2006.01)
A61K 8/21 (2006.01) A61K 8/55 (2006.01)
A61K 8/20 (2006.01) A61Q 11/00 (2006.01)
A61K 8/365 (2006.01) A61K 8/36 (2006.01)

(21) International Application Number:

PCT/US2005/042164

(22) International Filing Date:

18 November 2005 (18.11.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/020,014 21 December 2004 (21.12.2004) US

(71) Applicant (for all designated States except US): **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ROBINSON, Richard, S.** [US/US]; 51 Ketchum Road, Belle Mead, NJ 08502 (US). **MANDANAS, Benjamin, Y.** [PH/US]; 34 Polo Club Drive, Freehold, NJ 07728 (US). **MILLER, Jeffrey, M.** [US/US]; 145 Marsh Avenue, Sayerville, NJ 08872 (US). **JOSIAS, Wilbens** [US/US]; 330 Harvey Avenue, North Plainfield, NJ 07063 (US). **WESTLAKE, John, D.** [US/US]; P.O. Box 136, Glen Gardner, NJ 08826 (US).

(74) Agent: **BULLOCK, Kristyne, A.**; Colgate-Palmolive Company, 909 River Road, Piscataway, NJ 08855 (US).

(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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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: ANTI-CARIES ORAL CARE COMPOSITION WITH A CHELATING AGENT

(57) Abstract: An oral care compositions comprises a water-soluble calcium salt, a fluoride-providing agent, and a chelating agent. Methods of treating or preventing dental caries are also provided.

WO 2006/068753 A1