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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 September 2013 (06.09.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/130104 A1

(51) **International Patent Classification**:
A61K 8/34 (2006.01) *A61Q 11/00* (2006.01)
A61K 8/37 (2006.01)

(21) **International Application Number**:
PCT/US2012/027523

(22) **International Filing Date**:
2 March 2012 (02.03.2012)

(25) **Filing Language**: English

(26) **Publication Language**: English

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

(72) **Inventors; and**
(75) **Inventors/Applicants** *(for US only)*: **FEI, Lin** [CN/US]; 91 Stillwell Road, Kendall Park, New Jersey 08824 (US). **YANG, Ying** [CN/US]; 49 Chesapeake Road, Monmouth Junction, New Jersey 08852 (US). **JARACZ, Stanislav** [CZ/US]; 22 Heather Drive, Somerset, New Jersey 08873 (US). **XU, Guofeng** [CN/US]; 40 Silvers Lane, Plainsboro, New Jersey 08536 (US).

(74) **Agent**: **HEBLE, Nikhil A.**; COLGATE-PALMOLIVE COMPANY, Patent Department 909 River Road, Piscataway, New Jersey 08855 (US).

(81) **Designated States** *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

WO 2013/130104 A1

(54) **Title**: ORAL CARE COMPOSITIONS

(57) **Abstract**: Described herein are compositions comprising isopropyl magnolol; a surfactant system; and an orally acceptable carrier, together with methods of making and using the same.