



(43) International Publication Date  
23 May 2013 (23.05.2013)

(10) International Publication Number  
**WO 2013/072932 A3**

- (51) **International Patent Classification:**  
*A61K 8/19* (2006.01) *A61Q 11/00* (2006.01)
- (21) **International Application Number:**  
PCT/IN2012/000651
- (22) **International Filing Date:**  
28 September 2012 (28.09.2012)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
2795/MUM/2011 30 September 2011 (30.09.2011) IN
- (71) **Applicant (for all designated States except US):** RUBICON RESEARCH PRIVATE LIMITED [IN/IN]; 221, Annexe Building, Goregaon Mulund Link Road, Opposite Indira Container Yard, Off L.B.S. Marg, Bhandup (West), Mumbai 400078 (IN).
- (72) **Inventors; and**
- (71) **Applicants (for US only):** PILGAONKAR, Pratibha Sudhir [IN/IN]; Rubicon Research Private Limited, 221, Annexe Building, Goregaon Mulund Link Road, Opposite, Indira Container Yard, Off L.B.S. Marg, Bhandup (West) Mumbai 400078 (IN). RUSTOMJEE, Maharukh Tehmasp [IN/IN]; Rubicon Research Private Limited, 221, Annexe Building, Goregaon Mulund Link Road, Opposite, Indira Container Yard, Off L.B.S. Marg, Bhandup (West) Mumbai 400078 (IN). GANDHI, Anilkumar Surendrakumar [IN/IN]; Rubicon Research Private Limited, 221, Annexe Building, Goregaon Mulund Link Road, Opposite, Indira Container Yard, Off L.B.S. Marg, Bhandup (West) Mumbai 400078 (IN).
- (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, BN, 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, PA, 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, 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).

**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))
- of inventorship (Rule 4.17(iv))

**Published:**

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

- (88) **Date of publication of the international search report:**  
8 August 2013

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

(57) **Abstract:** The present invention relates to oral care compositions and to method of maintaining oral health. The oral care composition of the present invention comprises at least one carbon dioxide source, at least one acid source, at least one abrasive and one or more pharmaceutically acceptable excipients.



WO 2013/072932 A3