



(51) International Patent Classification:

A61K 8/64 (2006.01) A61K 8/02 (2006.01)
A61Q 11/00 (2006.01) A61K 8/19 (2006.01)
A61Q 11/02 (2006.01)

(21) International Application Number:

PCT/EP2014/070487

(22) International Filing Date:

25 September 2014 (25.09.2014)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13185928.2 25 September 2013 (25.09.2013) EP
14180365.0 8 August 2014 (08.08.2014) EP

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(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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, SA, 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, ST, 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, KM, ML, MR, NE, SN, TD, TG).

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(54) Title: DENTAL CARE PRODUCT FOR TOOTH WHITENING

Fig. 1a

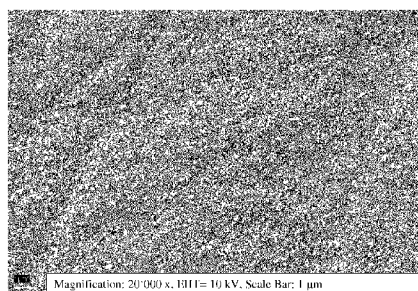
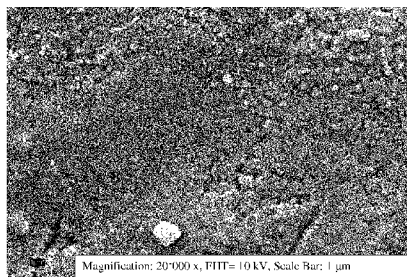


Fig. 1b



(57) Abstract: The present invention relates to the field of dental care, in particular, to a dental care product such as toothpaste (dentifrice), prophylactic paste, tooth powder, tooth polish, tooth gel, chewing gum, candy, lozenge, mouthwash, whitening strip, coated dental floss, coated toothbrush, paint-on gel, varnish, veneer, and tube, syringe or dental tray comprising a gel or paste, mouthwash, whitening strips and trays for whitening teeth, wherein the product comprises mineral particles such as crystals and a compound, preferably, a protein capable of forming a matrix which is a hydrogel, wherein the product comprises a fluorophore. The mineral particles may comprise, e.g., calcium phosphate, preferably, hydroxyapatite, preferably, in crystalline form. The protein matrix may comprise, e.g., a self-assembling peptide. The product also comprises a fluorophore, which may be a fluorescent amino acid residue of the protein matrix. The invention also relates to cosmetic use of the dental care product for whitening teeth or for use in treatment of a sensitive tooth or sensitive teeth and/or in prevention or treatment of caries, as well as a related method for tooth whitening.



Published:

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

— with sequence listing part of description (Rule 5.2(a))