

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2019/018659 A3

(43) International Publication Date
24 January 2019 (24.01.2019)

(51) International Patent Classification:

A61K 8/34 (2006.01) A61C 19/06 (2006.01)
A61K 8/365 (2006.01) A61Q 11/00 (2006.01)
A61K 8/92 (2006.01)

(88) Date of publication of the international search report:

07 March 2019 (07.03.2019)

(21) International Application Number:

PCT/US2018/042908

(22) International Filing Date:

19 July 2018 (19.07.2018)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/534,418 19 July 2017 (19.07.2017) US

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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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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).

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))

(54) Title: ORAL CARE PRODUCTS AND FORMULATIONS

(57) Abstract: Oral care products, particularly safer, natural or more naturally derived, and/or less toxic or non-toxic oral care products and other consumer products. In particular, oral care products may include toothpastes, mouthwashes, whitening products, whitening wands, and oral care crystals comprising non-toxic and natural ingredients. In some embodiments, oral care products may include one or more essential oils. Oil-based and water-based components may be mixed using a homogenization process.



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A. CLASSIFICATION OF SUBJECT MATTER**A61K 8/34(2006.01)i, A61K 8/365(2006.01)i, A61K 8/92(2006.01)i, A61C 19/06(2006.01)i, A61Q 11/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K 8/34; A45D 29/11; A46B 15/00; A61C 17/00; A61K 8/19; A61K 8/21; A61K 8/46; A61K 8/365; A61K 8/92; A61C 19/06; A61Q 11/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: toothpaste, mouthwash, xylitol, calcium citrate, essential oil, whitening, stain, plaque, nature

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006-0286044 A1 (ROBINSON, R. S. et al.) 21 December 2006 See paragraphs [0034], [0045], [0051], [0052], [0062], [0063], [0069]; example 1; and claims 1, 3, 9, 11, 19.	1-16
A		17-20
X	JP 4963552 B2 (HIROSHIMA UNIV.) 27 June 2012 See paragraphs [0011], [0012], [0027]; and figure 1.	17, 18, 20
Y		19
Y	DAHIYA, P. et al., "Miswak: A periodontist`s perspective", Journal of Ayurveda and Integrative Medicine, 2012, Vol. 3, pages 184-187 See pages 185, 186.	19
A	JP 3783039 B2 (HIROSHIMA UNIV.) 07 June 2006 See the whole document.	1-20
A	JP 2008-074772 A (LION CORP.) 03 April 2008 See the whole document.	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search

28 January 2019 (28.01.2019)

Date of mailing of the international search report

01 February 2019 (01.02.2019)

Name and mailing address of the ISA/KR

International Application Division

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2018/042908

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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JP 2008-074772 A	03/04/2008	None	