

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
12 November 2020 (12.11.2020)



(10) International Publication Number
WO 2020/225064 A1

(51) International Patent Classification:

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

(21) International Application Number:

PCT/EP2020/061952

(22) International Filing Date:

29 April 2020 (29.04.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

19172540.7 03 May 2019 (03.05.2019) EP

(71) Applicant: **OMYA INTERNATIONAL AG** [CH/CH];
Baslerstraße 42, 4665 Oftringen (CH).

(72) Inventors: **KELLER, Tobias**; Birkenstrasse 3, 5043
Holziken (CH). **BUDDÉ, Tanja**; Grubenring 3, 4805 Brit-
tnau (CH). **RENTSCH, Samuel**; Gurtengartenstrasse 1,
3095 Spiegel bei Bern (CH).

(74) Agent: **MAIWALD PATENTANWALTS- UND
RECHTSANWALTSGESELLSCHAFT MBH**; Holger
Glas, Elisenhof, Elisenstraße 3, 80335 München (DE).

(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, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: MAGNESIUM ION-CONTAINING MATERIALS AS WHITE PIGMENTS IN ORAL CARE COMPOSITIONS

(57) Abstract: The present invention relates to an oral care composition comprising a magnesium ion-containing material in an amount from 0.1 to 40 wt.-%, based on the total weight of the composition as well as the use of a magnesium ion-containing material as opacifying agent and/or whitening pigment in oral care compositions.



WO 2020/225064 A1