

(12) International Application Status Report

Received at International Bureau: 15 April 2019 (15.04.2019)

Information valid as of: 12 August 2020 (12.08.2020)

Report generated on: 30 September 2020 (30.09.2020)

(10) Publication number:

WO2020/112158

(43) Publication date:

04 June 2020 (04.06.2020)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2019/025639

(22) Filing Date:

03 April 2019 (03.04.2019)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/774,112 (US)

(31) Priority date(s):

30 November 2018 (30.11.2018)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

A61K 9/46 (2006.01); A61K 9/00 (2006.01); A61K 9/20 (2006.01)

(71) Applicant(s):

AMERILAB TECHNOLOGIES, INC. [US/US]; 2765 Niagara Lane North Plymouth, MN 55447 (US) *(for all designated states)*

(72) Inventor(s):

KRALING, Carrie; 319 Vincent Avenue North Minneapolis, MN 55405 (US)

OLSON, Sarah; 3006 W 44th St., Unit 2 Minneapolis, MN 55410 (US)

JILEK, Shayna; 3049 Camelot Dr. Woodbury, MN 55125 (US)

(74) Agent(s):

JOHNSON, Allison; Allison Johnson, P.A. 3600 American Blvd. W., Suite 410 Minneapolis, MN 55431 (US)

(54) Title (EN): EFFERVESCENT TABLETS THAT INCLUDE CRYSTALLINE SUGAR BINDER AND METHODS OF MAKING THE SAME

(54) Title (FR): COMPRIMÉS EFFERVESCENTS COMPRENANT UN LIANT DE SUCRE CRISTALLIN ET LEURS PROCÉDÉS DE FABRICATION

(57) Abstract:

(EN): An effervescent tablet that exhibits rapid disintegration is disclosed. The effervescent tablet includes an effervescent agent that includes an acid and a base, a crystalline sugar binder selected from the group consisting of crystalline dextrose, crystalline sucrose, crystalline fructose, and combinations thereof, the crystalline sugar binder being essentially free of excipients, a sweetener that includes at least one of Stevia and Monk fruit, a flavor agent that includes a gum Arabic carrier, and optionally a lubricant derived from rice hulls (e.g., a multi-component integral lubricant).

(FR): L'invention concerne un comprimé effervescent qui présente une désintégration rapide. Le comprimé effervescent comprend un agent effervescent qui comprend un acide et une base, un liant de sucre cristallin choisi dans le groupe constitué par le dextrose cristallin, le saccharose cristallin, le fructose cristallin, et des combinaisons de ceux-ci, le liant de sucre cristallin étant essentiellement exempt d'excipients, d'édulcorant qui comprend au moins l'un Des Fruits de Stevia et de Monk, Un agent d'arôme qui comprend un support de gomme arabique, et facultativement un lubrifiant dérivé de balles de riz (par exemple, un lubrifiant intégral à composants multiples).

International search report:

Received at International Bureau: 06 August 2019 (06.08.2019) [EP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

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

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM