

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
20 October 2022 (20.10.2022)



(10) International Publication Number
WO 2022/219573 A2

(51) International Patent Classification:

A23P 10/30 (2016.01) A23L 33/16 (2016.01)
A23L 2/52 (2006.01) A61K 33/26 (2006.01)

(21) International Application Number:

PCT/IB2022/053504

(22) International Filing Date:

14 April 2022 (14.04.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10202103878U 15 April 2021 (15.04.2021) SG
10202110264P 17 September 2021 (17.09.2021) SG

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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, IT, JM, 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,

(54) Title: MICROENCAPSULATION WALL MATERIAL, SUSPENSION CORE CAPSULE, EDIBLE CAPSULE WITH ELECTRONICS, METHODS AND A PRODUCTION SYSTEM FOR PRODUCING THE SAME

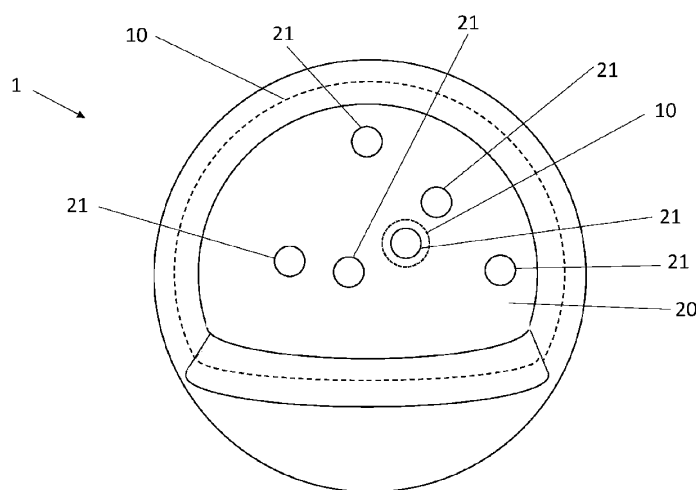


Fig. 1

(57) Abstract: Microencapsulation wall material of a microencapsulation product for food and beverage capsules, wherein the microencapsulation wall material comprises a hyper-polarizable hydrophilic polymer species and/or a hydrophobic polymer species, a first mixture, wherein the first mixture comprises at least one material out of the group of collagen, chitosan, silk fibroin, gelatin, alginate, modified starch and biopolymers, and a second mixture, wherein the second mixture comprises at least one material out of the group of lecithin, cyclodextrin and whey surfactant base mixture, wherein the first mixture and the second mixture form an emulsion, and edible capsule, comprising a wall comprising microencapsulation wall material and an electronic component included in the core.

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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).

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