

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
30 June 2022 (30.06.2022)



(10) International Publication Number
WO 2022/136021 A1

(51) International Patent Classification:

B01J 13/10 (2006.01) **C11D 3/50** (2006.01)
A61D 9/00 (2006.01) **A01N 25/28** (2006.01)
A61K 8/11 (2006.01) **A23P 10/30** (2016.01)
A61K 8/64 (2006.01) **A61K 8/58** (2006.01)
A61Q 13/00 (2006.01) **A61K 8/73** (2006.01)
A61Q 15/00 (2006.01) **A61Q 19/10** (2006.01)
A61Q 19/00 (2006.01) **C11D 3/22** (2006.01)
B01J 13/20 (2006.01) **C11D 3/382** (2006.01)

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:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

(21) International Application Number:

PCT/EP2021/085661

(22) International Filing Date:

14 December 2021 (14.12.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/130,162 23 December 2020 (23.12.2020) US
21151391.6 13 January 2021 (13.01.2021) EP

Published:

- *with international search report (Art. 21(3))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*

(71) Applicant: **FIRMENICH SA** [CH/CH]; 7, rue de la Bergère, 1242 Satigny (CH).

(72) Inventors: **PULATI, Nuersida**; Firmenich Incorporated, 250 Plainsboro Road, Plainsboro, New Jersey 08536 (US). **JERRI, Huda**; Firmenich Incorporated, 250 Plainsboro Road, Plainsboro, New Jersey 08536 (US). **IMPELLIZZERI, Nicholas**; Firmenich Incorporated, 250 Plainsboro Road, Plainsboro, New Jersey 08536 (US). **HANSEN, Christopher**; Firmenich Incorporated, 250 Plainsboro Road, Plainsboro, New Jersey 08536 (US).

(74) Agent: **DUREISSEIX, Valérie**; FIRMENICH SA, 7, Rue de la Bergère, 1242 Satigny (CH).

(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, 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,

(54) Title: PROCESS FOR PREPARING MICROCAPSULES

(57) Abstract: The present invention relates to a new process for the preparation of core-shell microcapsules. Microcapsules are also an object of the invention. Consumer products comprising said microcapsules, in particular perfumed consumer products or flavoured consumer products are also part of the invention.

WO 2022/136021 A1