

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
18 February 2021 (18.02.2021)



(10) International Publication Number
WO 2021/028376 A1

(51) International Patent Classification:

A23D 7/005 (2006.01) A23L 13/40 (2016.01)
A23J 3/22 (2006.01) A23L 13/60 (2016.01)

(21) International Application Number:

PCT/EP2020/072355

(22) International Filing Date:

10 August 2020 (10.08.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/886,200 13 August 2019 (13.08.2019) US
16/985,000 04 August 2020 (04.08.2020) US

(71) Applicant: **GIVAUDAN SA** [CH/CH]; Chemin de la Par-
funnerie 5, 1214 Vernier (CH).

(72) Inventors: **WITTEVEEN, Frans**; Vlasland 18, 3833 CM
Leusden (NL). **METHORST, Roy**; Hoolstraat 65, 4847AB
Teteringen (NL).

(74) Agent: **GLOBAL PATENTS**; Givaudan SA, Grafenaus-
trasse 7, 6300 Zug (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.

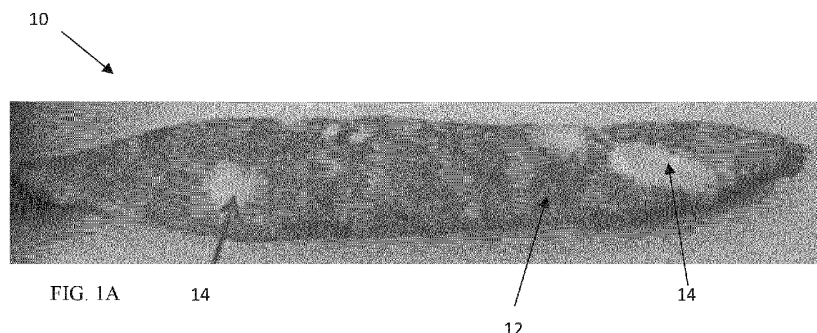
(84) Designated States (unless otherwise indicated, for every

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,
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))

(54) Title: FAT DELIVERY SYSTEM, FAT DELIVERY METHOD AND FOOD PRODUCT CONTAINING THE FAT DELIVERY SYSTEM



(57) Abstract: A fat delivery system includes particles of at least one emulsified fat at least partially encapsulated in gelled material. A food product includes a plant-based protein base and a plurality of fat delivery particles dispersed within the plant-based protein base. The food product may be a plant-based meat analogue that approximates the appearance, flavor and texture of certain meat products. Methods for making the fat delivery particles and the food product are also disclosed.



WO 2021/028376 A1