

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
29 June 2023 (29.06.2023)



(10) International Publication Number
WO 2023/122602 A1

(51) International Patent Classification:
C11B 3/12 (2006.01)

(21) International Application Number:
PCT/US2022/082036

(22) International Filing Date:
20 December 2022 (20.12.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
21216696.1 21 December 2021 (21.12.2021) EP

(71) Applicant: **CARGILL, INCORPORATED** [US/US];
15407 McGinty Road West, Wayzata, Minnesota 55391
(US).

(72) Inventors: **BRUSE, Falk**; Rieth 15, D-48317 Drensteinfurt
(DE). **LYKOMITROS, Dimitris**; Wilhelminastraat 181-3,
1054WE Amsterdam (NL). **VAN ROSSUM, Gijsbertus
Johannes**; Vera Bondamstraat 18, 3207 WG Spijkenisse
(NL).

(74) Agent: **LODGE, Alexander M.**; 15407 McGinty Road
West, Wayzata, Minnesota 55391 (US).

(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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE,
KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU,
LY, MA, MD, 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, CV,
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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI,

(54) Title: SHORT-PATH EVAPORATION PROCESSES

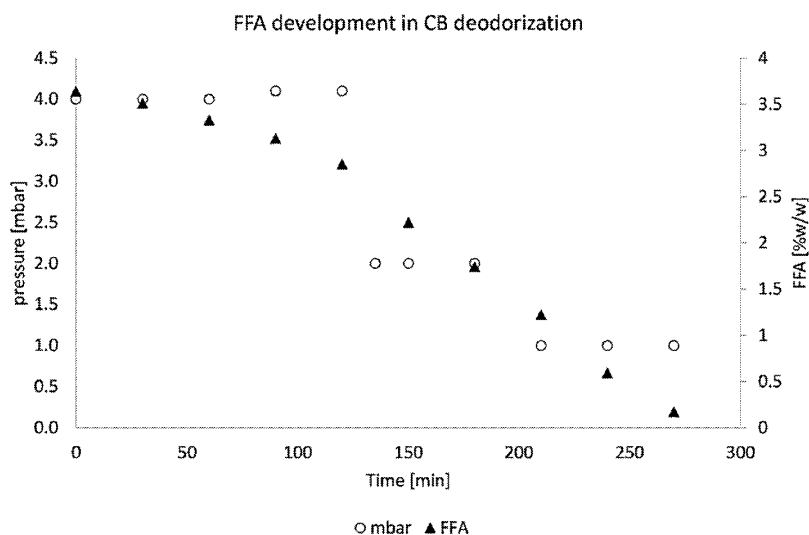


Figure 1

(57) Abstract: The present invention relates to processes for removing impurities from an edible fat, such as an edible butter or edible oil, where the processes comprise the step of subjecting the edible fat to a short-path evaporation process and do not comprise the step of bleaching the edible fat, and/or subjecting the edible fat to clay filtration.

[Continued on next page]

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))*