

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 March 2024 (07.03.2024)



(10) International Publication Number
WO 2024/047086 A1

(51) International Patent Classification:

C11B 1/04 (2006.01) *A23D 9/05* (2006.01)
C11B 1/10 (2006.01) *A23D 9/02* (2006.01)

(21) International Application Number:

PCT/EP2023/073750

(22) International Filing Date:

30 August 2023 (30.08.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

22193079.5 31 August 2022 (31.08.2022) EP

(71) Applicant: **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.**
[CH/CH]; Avenue Nestlé 55, 1800 Vevey (CH).

(72) Inventors: **ROHFRITSCH, Zhen**; Chemin des Cuarroz
36A, 1807 Blonay (CH). **HUSSON, Jwanro**; Chemin du
Chalet Pra-Roman 4C, 1000 Lausanne 25 (CH).

(74) Agent: **SEISSON, Morgan**; Société des Produits Nestlé
S.A., Avenue Nestlé 55, 1800 Vevey (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, 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, MU, 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, SC, 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, 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))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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



WO 2024/047086 A1

(54) Title: CO-EXTRACTION METHOD FOR PREPARING A STABLE OIL BODY SOLUTION FROM SEED MATERIAL AND CEREAL BRAN

(57) Abstract: The invention relates to a method of preparing an oil body solution. The method comprises the preparation of a suspension of seed material and cereal bran. The suspension is thereafter mechanically disrupted to form a slurry, the pH of the obtained slurry is adjusted to greater than 6 to form an oil body solution. The oil body solution is then heat-treated. The invention also relates to an oil body solution or a powder thereof and to food products comprising said oil body solution or powder thereof.