

(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 2023/116621 A1**

(51) International Patent Classification:

*A23L 2/00* (2006.01) *A61K 36/815* (2006.01)  
*A23L 19/00* (2016.01) *B02C 17/16* (2006.01)  
*A61K 8/9789* (2017.01) *B02C 19/06* (2006.01)

(21) International Application Number:

PCT/CN2022/139992

(22) International Filing Date:

19 December 2022 (19.12.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/CN2021/139761

20 December 2021 (20.12.2021) CN

(71) Applicant: SOCIETE DES PRODUITS NESTLE S.A.

[CH/CH]; Avenue Nestle 55, 1800 Vevey (CH).

(72) Inventors: LIAO, Yongcheng;

Room 201, Building 13, Weiye Jiayuan Western, Liangxiang, Fangshan District,

Beijing 102400 (CN). **SHI, Huan**; Yulan Garden, Vanke City Garden, Konggang Street, Shunyi District, Beijing 101399 (CN). **DONG, Chunhua**; Building EF, No. 5 Di-jin Road, Haidian District, Beijing 100095 (CN). **FRIES, Lennart**; Route Du Burenz 16, 1092 Belmont-sur-Lausanne (CH). **XU, Fei**; Ave. De Cour 80, 1007 Lausanne (CH). **SONG, Yue**; Room 202, No. 35 Yi, Longjiang Road, Shinan District, Qingdao, Shandong 266003 (CN).

(74) Agent: ZHONGZI LAW OFFICE; 7F, New Era Building, 26 Pinganli Xidajie, Xicheng District, Beijing 100034 (CN).

(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,

(54) Title: PROCESS FOR PREPARING A BERRY COMPOSITION

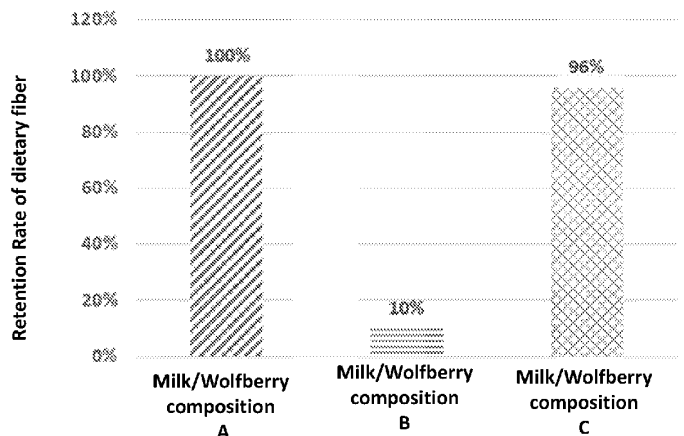


FIGURE 2

(57) Abstract: The invention relates to a process for preparing a berry composition from whole berries having bioactive and/or nutritional compounds of a whole berry and having improved sensory and miscibility/dispersibility properties. The process comprises the steps of providing whole berries, grinding said whole berries to obtain a whole berry suspension and micronizing said whole berry suspension. In particular, the process does not comprise any step of removal of the inherent insoluble fibers coming from the whole berries. The invention also relates to a berry composition, to oral compositions comprising such as berry composition and to the use of such compositions.

[Continued on next page]

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, 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))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*