

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 March 2022 (03.03.2022)



(10) International Publication Number
WO 2022/046743 A1

(51) International Patent Classification:

A23L 3/44 (2006.01) A23L 25/00 (2016.01)
A23L 11/70 (2021.01) A23K 10/30 (2016.01)
A23L 3/00 (2006.01) A23P 10/00 (2016.01)
A23L 11/00 (2021.01) A23P 10/40 (2016.01)

(21) International Application Number:

PCT/US2021/047308

(22) International Filing Date:

24 August 2021 (24.08.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/069,676 24 August 2020 (24.08.2020) US

(72) Inventor; and

(71) Applicant: **CRYAN, Sharon** [US/US]; 485 Cayuga Road,
Suite 11, Buffalo, New York 14225 (US).

(74) Agent: **PASSINO, Sean**; Pilloff Passino & Cosenza LLP,
2000 Duke Street, Suite 300, Alexandria, Virginia 22314
(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, 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: COMPOSITION MANUFACTURED FROM FREEZE-DRIED EMBRYONIC SPROUTED PLANTS, AND METHODS OF MAKING AND USING THE SAME

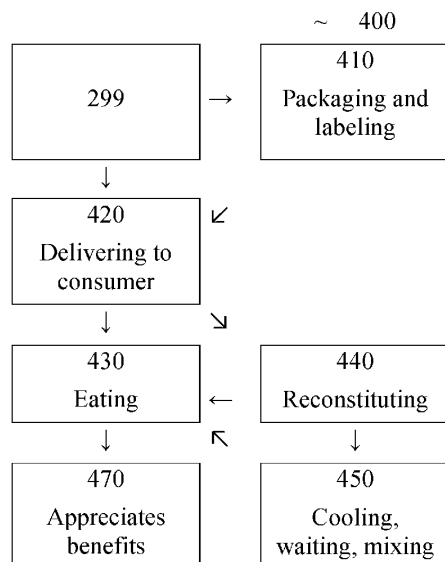


Fig. 4

(57) Abstract: A composition is manufactured from a freeze-dried mixture comprising one or more freeze-dried embryonic sprouted plants and one or more flavorings, such as a fruit, vegetable, or other natural or artificial flavoring. In some embodiments, the composition is molded into desired shapes and packaged. In other embodiments, the composition is not molded but pulverized into powder for reconstitution. The composition is manufactured by controlling the dry heat added, controlling the growth cycle of the embryonic sprouted plants, and including a step of freeze-drying the mixture. The food is intended to be consumed by human being or lower animals in whole or part via the oral cavity.

WO 2022/046743 A1