

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

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
28 April 2022 (28.04.2022)



(10) International Publication Number  
**WO 2022/087130 A1**

(51) International Patent Classification:

A23L 11/00 (2021.01) A23C 20/02 (2021.01)  
A23L 11/30 (2016.01) A23G 9/42 (2006.01)  
A23L 5/20 (2016.01) A23J 3/22 (2006.01)  
A21D 2/36 (2006.01) A23L 9/10 (2016.01)  
A21D 13/045 (2017.01) A23L 15/00 (2016.01)  
A23C 11/02 (2006.01)

(21) International Application Number:

PCT/US2021/055843

(22) International Filing Date:

20 October 2021 (20.10.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

63/094,185 20 October 2020 (20.10.2020) US

(71) Applicant: **EAT JUST, INC.** [US/US]; 2000 Folsom Street, San Francisco, CA 94110 (US).

(72) Inventors: **JAMROS, Michael**; c/o Eat Just, Inc., 2000 Folsom Street, San Francisco, CA 94110 (US). **MALLICK, Sayani**; c/o Eat Just, Inc., 2000 Folsom Street, San Francisco, CA 94110 (US). **SHARMA, Vivek**; c/o Eat Just, Inc., 2000 Folsom Street, San Francisco, CA 94110 (US). **PON-**

**NAMPALAM, Elankovan**; c/o Eat Just, Inc., 2000 Folsom Street, San Francisco, CA 94110 (US). **PARK, Nathaniel**; c/o Eat Just, Inc., 2000 Folsom Street, San Francisco, CA 94110 (US).

(74) Agent: **PAI, Raj** et al.; Squire Patton Boggs (US) LLP, 275 Battery Street, Suite 2600, San Francisco, California 94111 (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,

(54) Title: HEAT TREATED PULSE FLOURS

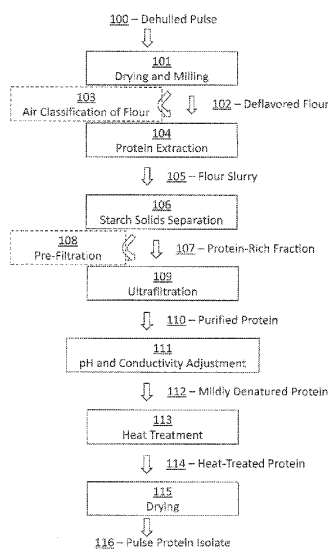


FIG. 1

(57) Abstract: Heat treated pulse flour, pulse protein isolates obtained from heat treated pulse flour, food compositions containing such isolates, and methods for preparing heat treated pulse flours and pulse protein isolates are disclosed. The amount of volatile small molecule compounds present in the heat treated pulse flour are decreased or increased.

WO 2022/087130 A1

[Continued on next page]

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).

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

**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))*