

(43) International Publication Date
11 July 2013 (11.07.2013)(10) International Publication Number
WO 2013/102873 A3

(51) International Patent Classification:

A23L 1/09 (2006.01) A23L 1/305 (2006.01)
A23L 1/10 (2006.01) A23L 1/164 (2006.01)

(21) International Application Number:

PCT/IB2013/050066

(22) International Filing Date:

3 January 2013 (03.01.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/582,612 3 January 2012 (03.01.2012) US
61/706,252 27 September 2012 (27.09.2012) US

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(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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, 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, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- 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))

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(54) Title: COMPOSITIONS AND METHODS FOR THE STABILITY OF REACTIVE AMINO ACIDS IN A FOOD MATRIX

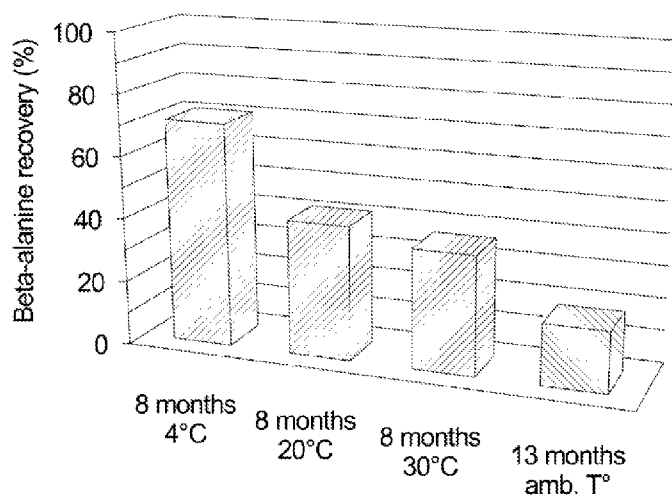


FIG. 2

(57) Abstract: The present disclosure provides products and methods that provide for the stability of functional amino acids in food matrices. In a general embodiment, the products include either a source of beta-glucans or a source of protein low in reducing sugars, in combination with a functional amino acid in a binder having low amounts of, or being substantially free of, reducing sugars. Methods for improving the stability of functional amino acids in food matrices are also provided. The products and methods of the present disclosure provide several advantages including, for example, the reduction or avoidance of degradation and browning of the products during processing and storage.



— *of inventorship (Rule 4.17(iv))*

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))*

(88) Date of publication of the international search report:

7 November 2013