

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 February 2008 (07.02.2008)

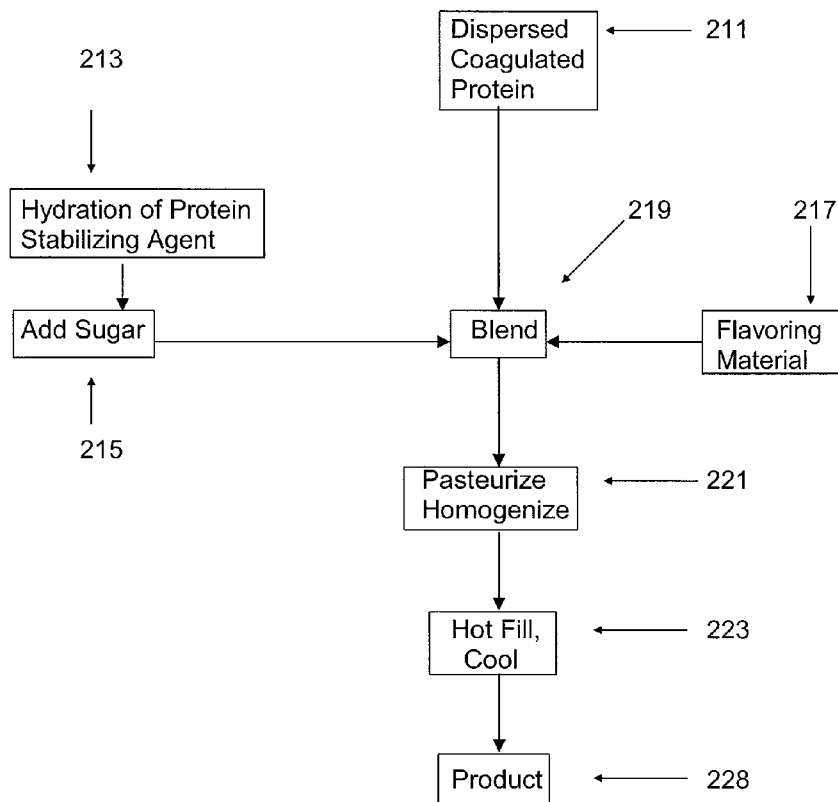
PCT

(10) International Publication Number
WO 2008/017039 A3

- (51) International Patent Classification:
A23L 1/30 (2006.01) *A23L 2/56* (2006.01)
A23L 1/05 (2006.01) *A23L 2/68* (2006.01)
A23L 1/305 (2006.01)
- (21) International Application Number:
PCT/US2007/075094
- (22) International Filing Date:
2 August 2007 (02.08.2007)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/821,244 2 August 2006 (02.08.2006) US
- (71) Applicant (for all designated States except US): **SOLAE, LLC** [US/US]; 4300 Duncan Avenue, St. Louis, MO 63110 (US).
- (72) Inventor; and
(75) Inventor/Applicant (for US only): **MAI, Jimbin** [US/US]; 1354 Maple Ridge Court, St. Louis, MO 63141 (US).
- (74) Agent: **CORDEK, James**; P.O. Box 88940, St. Louis, MO 63188 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,

[Continued on next page]

(54) Title: A FOOD COMPOSITION CONTAINING A COAGULATED PROTEIN AND A PROCESS FOR MAKING THE SAME



(57) Abstract: This invention is directed to a food composition containing a coagulated protein, comprising; (A) a hydrated protein stabilizing agent; (B) a dispersed coagulated protein material; and (C) a flavoring material. Also disclosed is a process for preparing a food composition containing a coagulated protein comprising; combining (A) a hydrated protein stabilizing agent; (B) a dispersed coagulated protein material; and (C) a flavoring material; to form a blend and pasteurizing and homogenizing the blend.

WO 2008/017039 A3



TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *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:
3 September 2009

Published:

— *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/075094

A. CLASSIFICATION OF SUBJECT MATTER
INV. A23L1/30 A23L1/05 A23L1/305 A23L2/56 A23L2/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/102074 A1 (SOLAE LLC [US]; SHEN RICHARD [US]) 3 November 2005 (2005-11-03) page 7, line 6 - line 12 page 11, line 4 - line 6 claims 1-54; example A	1-15
X	US 4 965 080 A (AKASAKA TAKESHI [JP] ET AL) 23 October 1990 (1990-10-23) page 1, column 2, line 44 - line 47 page 2, column 3, line 65 page 2, column 4, line 19 - line 24	1
X	WO 02/096210 A1 (H J HEINZ FROZEN & CHILLED FOO [GB]; HINE ALAN [GB]; WEST WILLIAM [GB]) 5 December 2002 (2002-12-05) Example; page 5, paragraph 3	1
	-/--	

Further documents are listed in the continuation of Box C. See patent family annex.

- | | |
|---|---|
| <ul style="list-style-type: none"> * Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed | <ul style="list-style-type: none"> *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family |
|---|---|

Date of the actual completion of the international search 16 July 2009	Date of mailing of the international search report 24/07/2009
---	--

Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Picout, David
---	---

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/075094

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 675 200 A (SERPELLONI MICHEL [FR] ET AL) 23 June 1987 (1987-06-23) page 1, column 2, line 37 - line 49; example 1 -----	1
A	US 3 914 441 A (FINNEY DAVID JOHN ET AL) 21 October 1975 (1975-10-21) the whole document -----	1-15
A	WO 02/11557 A2 (SOY ULTIMA LLC [US]; NSOFOR LESLIE M [US]) 14 February 2002 (2002-02-14) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/075094

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
WO 2005102074	A1	03-11-2005	AU 2005235086 A1	03-11-2005
			BR PI0509418 A	04-09-2007
			CA 2561151 A1	03-11-2005
			CN 1976601 A	06-06-2007
			EP 1753310 A1	21-02-2007
			JP 2008505613 T	28-02-2008
			US 2005233051 A1	20-10-2005

US 4965080	A	23-10-1990	NONE	

WO 02096210	A1	05-12-2002	AT 355752 T	15-03-2007
			DE 60218654 T2	22-11-2007
			DK 1389917 T3	09-07-2007
			EP 1389917 A1	25-02-2004
			ES 2283548 T3	01-11-2007
			NZ 545118 A	28-03-2008
			PT 1389917 E	19-06-2007
			US 2004247758 A1	09-12-2004

US 4675200	A	23-06-1987	CA 1253029 A1	25-04-1989
			DE 3562968 D1	07-07-1988
			DK 53985 A	08-08-1985
			EP 0152351 A1	21-08-1985
			FR 2559033 A1	09-08-1985
			JP 1936116 C	26-05-1995
			JP 6065278 B	24-08-1994
			JP 60186251 A	21-09-1985

US 3914441	A	21-10-1975	AT 336383 B	10-05-1977
			AU 6347673 A	12-06-1975
			BE 808665 A1	14-06-1974
			CA 1026616 A1	21-02-1978
			DE 2361658 A1	20-06-1974
			ES 421499 A1	01-05-1976
			FR 2210354 A1	12-07-1974
			GB 1456207 A	24-11-1976
			IE 38707 B1	10-05-1978
			IT 1048418 B	20-11-1980
			JP 49094869 A	09-09-1974
			JP 59004103 B	27-01-1984
			LU 69009 A1	05-07-1974
			NL 7317072 A	18-06-1974
			ZA 7309466 A	30-07-1975

WO 0211557	A2	14-02-2002	AT 325547 T	15-06-2006
			AU 7915001 A	18-02-2002

WO 0211557	A2		CA 2418957 A1	14-02-2002
			DE 60119536 T2	26-04-2007
			DK 1309248 T3	11-09-2006
			EP 1309248 A2	14-05-2003
			ES 2263642 T3	16-12-2006
			JP 2004510413 T	08-04-2004
			PT 1309248 E	29-09-2006
			US 6451359 B1	17-09-2002
