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[Continued on next page]

(54) Title: METHOD AND DEVICE FOR MAKING SOY MILK AND SOY MILK DERIVATIVE

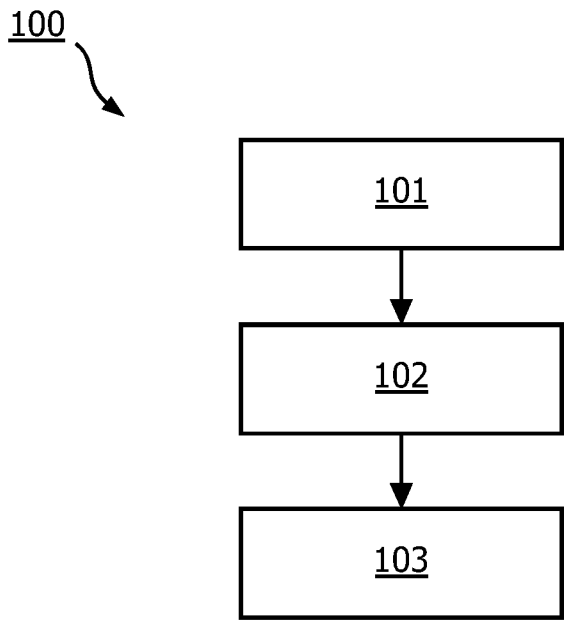


FIG. 1

(57) Abstract: The present invention relates to a method of making soy milk, the method (100) comprising the steps of: grinding (101) soybeans into powder; mixing (102) the powder with solvent to form a mixture; and heating (103) the mixture with a steam jet, wherein the steam jet is injected into the mixture. The present invention also relates to a device for making soy milk, and to a method and device for making tofu. By grinding (dry) soybeans into powder directly and cooking them using a steam jet, instant soy milk/tofu can be produced in adjustable quantities.

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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).

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14 May 2015

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. A23C11/10 A23C20/02 A23L1/01 A47J27/00
ADD.

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)
A23C A23L A47J

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 practicable, search terms used)
EPO-Internal, WPI Data, BIOSIS, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2003 0002687 A (PARK CHANG BOK [KR]) 9 January 2003 (2003-01-09)	1,2,7
A	abstract * examples *	3-6

X	JP S56 32967 A (OSAKA GAS CO LTD) 2 April 1981 (1981-04-02)	1,2,4,5, 7
A	abstract	3,6

X	WO 2011/052793 A1 (TAISHI FOOD INC [JP]; ITONO SHIORI [JP]; SHIMOYAMA MASANOBU [JP]; IWAM) 5 May 2011 (2011-05-05)	1,4,7
A	abstract examples 1-5 claims 1-9	2,3,5,6

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* 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 application or patent 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)

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"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

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
25 August 2014	19/02/2015

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

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Form PCT/ISA/210 (second sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2014/062414

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP S58 13360 A (NISHIBAYASHI SEITAROU) 25 January 1983 (1983-01-25)	1,7
A	abstract	2-6
X	US 4 947 742 A (NISHIBAYASHI SEITARO [JP]) 14 August 1990 (1990-08-14)	1,7
A	column 2, line 1 - column 4, line 20	2-6
X	GB 1 585 456 A (ALFA LAVAL AB) 4 March 1981 (1981-03-04) example 1 claims 1-7	1-7
X	EP 1 738 651 A1 (MORNINGSTAR SERVICES INC [US]) 3 January 2007 (2007-01-03)	1-5,7
A	paragraphs [0011] - [0016], [0023]	6
X	DATABASE WPI Week 198343 Thomson Scientific, London, GB; AN 1983-801103 XP002728856, -& KR 890 002 393 B1 (EDLONG CORP) 3 July 1989 (1989-07-03)	1,7
A	abstract	2-6
A	CN 202 819 529 U (HANGZHOU YUANSHAN FOOD TECH CO) 27 March 2013 (2013-03-27) abstract	1-7

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2014/062414

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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CN 202819529 U	27-03-2013	NONE	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2014/062414

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-7

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

   method for making a soy milk and a method for making a tofu from said soymilk

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2. claims: 8-15

   device for making soy milk and a home maker for making tofu comprising said device

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