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(54) Title: CONCENTRATE FOR MILKY BEVERAGES

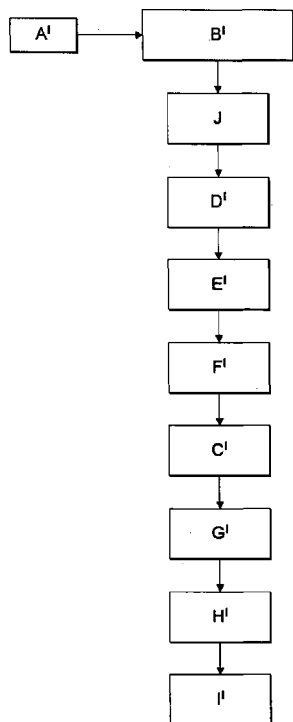


Figure 3

(57) Abstract: The present invention relates to a method of producing a liquid dairy concentrate, the method comprising: providing a liquid dairy ingredient having a fat content of at least 35wt%; concentrating the liquid dairy ingredient by ultrafiltration and/or diafiltration to obtain a concentrated liquid dairy ingredient as the retentate; adding sucrose and/or trisodium citrate to form a modified retentate; blending the modified retentate with one or more further ingredients; and homogenising the blend to form a liquid dairy concentrate, wherein, during the step of blending the modified retentate with said one or more further ingredients, the modified retentate is at a temperature of at least 60°C.



WO 2015/170164 A9



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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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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, FSTA, WPI Data

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2013/196031 A1 (CRIEZIS ANTHONY WILLIAM [US] ET AL) 1 August 2013 (2013-08-01)	14-18
Y	[0002]; [0064]; [0075]-[0080]; [0086]-[0087]; [0097]-[0098]; [0106]; [0113]-[0114]; [0126]-[0129]; examples 1, 2, 4, 6; tables	1-13
Y	US 5 223 299 A (DALAN [CH] ET AL) 29 June 1993 (1993-06-29)	1-13
A	column 1, line 1 - column 4, line 15; figures; examples 1, 10, 11	14
A	US 7 640 843 B2 (HALLIDAY ANDREW [GB] ET AL) 5 January 2010 (2010-01-05) column 11, line 24 - column 11, line 54; figure 18	15,16
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 4 December 2015	Date of mailing of the international search report 10/12/2015
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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 Alevisopoulos, S
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MORIN ET AL: "Effect of processing on the composition and microstructure of buttermilk and its milk fat globule membranes", INTERNATIONAL DAIRY JOURNAL, ELSEVIER APPLIED SCIENCE, BARKING, GB, vol. 17, no. 10, 27 July 2007 (2007-07-27), pages 1179-1187, XP022170495, ISSN: 0958-6946, DOI: 10.1016/J.IDAIRYJ.2007.03.010 Abstract; 2.1 (Processing conditions); 3.1 (Effect of pre-churning pasteurization of the cream on the composition of buttermilk); table 1</p> <p style="text-align: center;">-----</p>	1-14
A	<p>A K Smith ET AL: "Microstructure and rheological properties of whipped cream as affected by heat treatment and addition of stabilizer", International Dairy Journal, 31 December 2000 (2000-12-31), pages 295-301, XP055206925, Retrieved from the Internet: URL:http://ac.els-cdn.com/S0958694600000431-main.pdf?_tid=d4fa6932-3f2d-11e5-a38e-00000aab0f02&acdnt=1439190358_b70bec2d15fbfc500a610a5a8bede273 [retrieved on 2015-08-10] Abstract; 1 (Introduction); 2.1 (cream processing)</p> <p style="text-align: center;">-----</p>	2,3

INTERNATIONAL SEARCH REPORT

Information on patent family members

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