# (11) **EP 3 808 678 A3**

(12)

# **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 12.05.2021 Bulletin 2021/19

(43) Date of publication A2: 21.04.2021 Bulletin 2021/16

(21) Application number: 20201675.4

(22) Date of filing: 14.10.2020

(51) Int Cl.:

B65D 75/00 (2006.01) B65D 75/46 (2006.01) B65D 75/58 (2006.01) B65D 47/04 (2006.01) B65D 75/12 (2006.01) B65D 75/48 (2006.01) B65D 85/76 (2006.01)

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated Extension States:

**BA ME** 

**Designated Validation States:** 

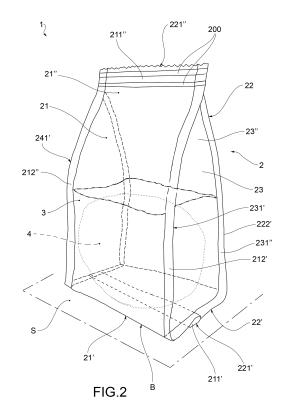
KH MA MD TN

(30) Priority: 18.10.2019 IT 201900019307

- (71) Applicant: Pentavac S.r.I. 25030 Comezzano-Cizzago, Brescia (IT)
- (72) Inventor: GOZZINI, Sergio
  I-25030 Comezzano-Cizzago, BRESCIA (IT)
- (74) Representative: Chimini, Francesco Jacobacci & Partners S.p.A. Piazza della Vittoria 11 25122 Brescia (IT)

# (54) PACKAGED DAIRY PRODUCT

The present invention belongs to the field of packaging dairy products, in particular the object of the present invention is a packaged dairy product (1), e.g. mozzarella, a machine (100) and a packaging method. The packaged dairy product (1) comprises a packaging envelope (2) containing a preserving liquid (3) and at least one dairy product (4) at least partially submerged in said preserving liquid (3). The packaging envelope (2) consists of a pair of main walls (21, 22) opposite to each other, and a pair of side walls (23, 24) arranged between and connected to said main walls (21, 22). Moreover, the packaging envelope (2) is made of a material and/or a thickness such that it is deformable when the packaged dairy product (1) is placed in contact with a supporting surface (S), in such a way that three different transport, storage and/or display configurations are possible as a result of the weight of the preserving liquid (3) and of the at least one dairy product (4). [Fig. 2]





Category

Υ

#### **EUROPEAN SEARCH REPORT**

**DOCUMENTS CONSIDERED TO BE RELEVANT** 

Citation of document with indication, where appropriate,

WO 2017/191296 A1 (EGIDIO GALBANI S R L

of relevant passages

\* page 1, lines 5-10 \*

[IT]) 9 November 2017 (2017-11-09) \* abstract \*

US 2012/055120 A1 (BIERSCHENK PATRICK

Application Number EP 20 20 1675

CLASSIFICATION OF THE APPLICATION (IPC)

INV.

B65D75/00 B65D75/12

B65D75/46 B65D75/48

B65D75/58

Relevant

to claim

1-10

1-10

5

10		
15		
20		
25		
30		
35		
40		
45		
50		

55

	•	JOSEPH [US] ET AL) 8 March 2012 (2012 * abstract; claim 4 * paragraphs [0003] [0013], [0015] *	-03-08) 4; figures 1a	-1d *	1 10	B65D85/76 B65D47/04	
	А	US 2014/151260 A1 [DE] ET AL) 5 June * abstract; figure: * paragraphs [0053]	2014 (2014-0 s 1,2 *	WERNER 6-05)	1-10		
	Α	JP 2011 011807 A (NCO LTD) 20 January * abstract *	2011 (2011-0		1-10	TEQUAL EVE	100
		* paragraph [0009]	; figure 6 ^			TECHNICAL FIE SEARCHED	(IPC)
	A	US 5 758 473 A (PA 2 June 1998 (1998-0 * abstract; figure	96-02)	IO [IT])	1-10	B65D	
ا		The present search report has been drawn up for all claims					
2	Place of search Date of completion of the search			Examiner			
04C01)		The Hague	14 De	cember 2020	Tem	pels, Marco	
EPO FORM 1503 03.82 (P04C01)	X : part Y : part docu A : tech O : non	CATEGORY OF CITED DOCUMENTS  particularly relevant if taken alone particularly relevant if combined with another ocument of the same category echnological background non-written disclosure ntermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons  &: member of the same patent family, corresponding document			



5

Application Number

EP 20 20 1675

	CLAIMS INCURRING FEES					
	The present European patent application comprised at the time of filing claims for which payment was due.					
10	Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):					
15	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.					
20	LACK OF UNITY OF INVENTION					
	The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:					
25						
	see sheet B					
30						
	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.					
35	As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.					
40	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:					
45	None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:					
50	1-10					
55	The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).					



# LACK OF UNITY OF INVENTION SHEET B

Application Number EP 20 20 1675

5

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely: 1. claims: 1-10 10 Directed to a packaged dairy product comprising a packaging envelope containing a liquid and a dairy product. 15 2. claims: 11-13 Directed to a machine and a method for packaging a packaged dairy product, the machine comprising a forming collar, a forming tube and vertical welders. 20 25 30 35 40 45 50 55

# EP 3 808 678 A3

### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 20 20 1675

5

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-12-2020

10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
15 20	WO 2017191296 A1	09-11-2017	AR 108365 A1 AU 2017260297 A1 CA 3023028 A1 CN 109982937 A EP 3452378 A1 JP 2019514811 A RU 2018142239 A TW 201808732 A US 2019092509 A1 WO 2017191296 A1	15-08-2018 13-12-2018 09-11-2017 05-07-2019 13-03-2019 06-06-2019 05-06-2020 16-03-2018 28-03-2019 09-11-2017
25 30	US 2012055120 A1	08-03-2012	AR 087663 A1 AU 2012300504 A1 BR 112014004244 A2 CA 2843511 A1 CN 103764509 A EP 2748077 A1 ES 2607194 T3 JP 5828041 B2 JP 2014526990 A KR 20140042937 A MX 340106 B	09-04-2014 20-02-2014 21-03-2017 07-03-2013 30-04-2014 02-07-2014 29-03-2017 02-12-2015 09-10-2014 07-04-2014 27-06-2016
35	US 2014151260 A1	05-06-2014	US 2012055120 A1 WO 2013032762 A1 CN 104822598 A EP 2925620 A1 US 2014151260 A1 WO 2014085085 A1	08-03-2012 07-03-2013  05-08-2015 07-10-2015 05-06-2014 05-06-2014
40	JP 2011011807 A	20-01-2011	NONE	
45	US 5758473 A	02-06-1998	AU 8114994 A EP 0733015 A1 ES 2113721 T3 US 5758473 A WO 9512530 A1	23-05-1995 25-09-1996 01-05-1998 02-06-1998 11-05-1995
50				
55 FORM P0459				

© Lorentz Deficiency | Compared the Second Patent Office, No. 12/82