



(51) International Patent Classification:
B65D 75/58 (2006.01) *B65B 9/02* (2006.01)

(21) International Application Number:
PCT/IT2018/000108

(22) International Filing Date:
13 August 2018 (13.08.2018)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:
102017000149752 09 January 2018 (09.01.2018) IT

(71) Applicant: V-SHAPES S.R.L. [IT/IT]; Via De Carbonesi,
6, 40123 Bologna (BO) (IT).

(72) Inventor: GUSTVASSON, Erland Jesper; St. Dr. Kristi-
nas vag. 1, Sigtuna (SE).

(74) Agent: ZANOTTI, Laura; Via Galilei 6, 47838 Riccione
(IT).

(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, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA,
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.

(54) Title: APPARATUS AND METHOD FOR PRODUCING A SEALED SINGLE-DOSE BREAK-OPEN PACKAGE

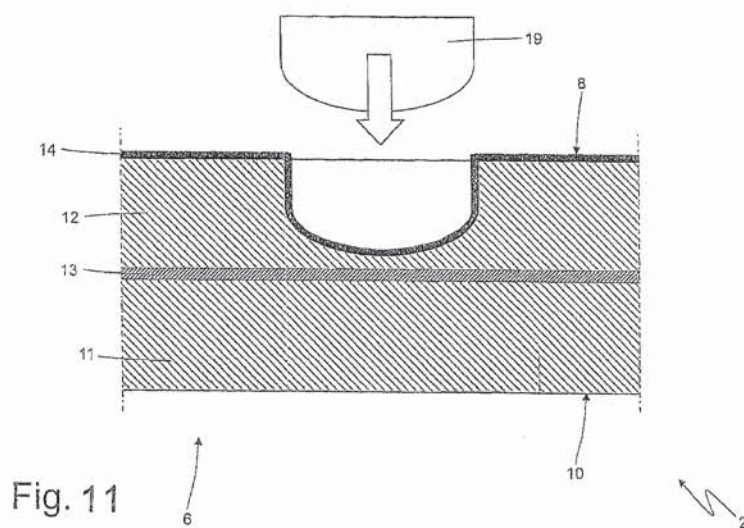


Fig. 11

(57) Abstract: A production method of a sealed single-dose break-open package (1); wherein the sealed package (1) comprises: a first sheet (2) of semi-rigid plastic material; a second sheet (3) of flexible plastic material superposed on and sealed to the first sheet (2) to define a sealed pocket (4) that contains a dose of a product (5); and a weakened zone (6) that is made in a central zone of the first sheet (2) for guiding, after bending of the sealed package (1), controlled breaking of the first sheet (2) at the weakened zone (6) in such a way as to cause the formation of an outlet opening for the product (5) through the first sheet (2); the production method comprises the step of making in a surface (8, 10) of the first sheet (2) at least one incision (7, 9) that constitutes the weakened zone (6); wherein the incision (7, 9) is made through plastic deformation of the material using an incision tool (19) having a tip that is not sharp, that is to say, that has a round shape for deforming rather than cutting.

(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, ST, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

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

From the INTERNATIONAL BUREAU

PCTNOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

To:

ZANOTTI, Laura
Via Galilei 6
47838 Riccione
ITALIE

Date of mailing (day/month/year) 28 May 2020 (28.05.2020)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference V022.DWO.1	
International application No. PCT/IT2018/000108	International filing date (day/month/year) 13 August 2018 (13.08.2018)

1. The following indications appeared on record concerning: ☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative		
Name and Address V-SHAPES S.R.L. Via De Carbonesi, 6 40123 Bologna (BO) Italy	State of Nationality IT	State of Residence IT
	Telephone No.	
	Facsimile No.	
	E-mail address	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning: ☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence		
Name and Address V-SHAPES S.R.L. Via Persicetana, 20/B 40012 CALDERARA DI RENO (BO) Italy	State of Nationality IT	State of Residence IT
	Telephone No.	
	Facsimile No.	
	E-mail address ☐ Notifications by e-mail authorized	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to: ☒ the receiving Office ☐ the International Preliminary Examining Authority ☒ the International Searching Authority ☒ the designated Offices concerned ☐ the Authority(ies) specified for supplementary search ☐ the elected Offices concerned ☐ other:		

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Suarez Javier e-mail pct.team9@wipo.int Telephone No. +41 22 338 74 09
---	---