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(54) **INCISION UNIT TO MANUFACTURE A SINGLE-DOSE BREAK-OPEN PACKAGE**

(57) A unit (20) for the incision of a strip (15) made of a plastic material to cut two distinct incisions (7, 9) into two opposite surfaces (8, 10) of the strip (15); the incision unit (20) has: a conveying device (21), which feeds the strip (15) along a conveying direction (C); two support plates (41), which are arranged on opposite sides of the strip (15), so that each support plate (41) faces a corre-

sponding surface (8; 10) of the strip (15); and at least two incision devices (42), each of which cuts an incision (7; 9) into a corresponding surface (8; 10) of the strip (15) and has a cutting element (43), which is supported by a support plate (41), and a contrast element (44), which is supported by the other support plate (41).

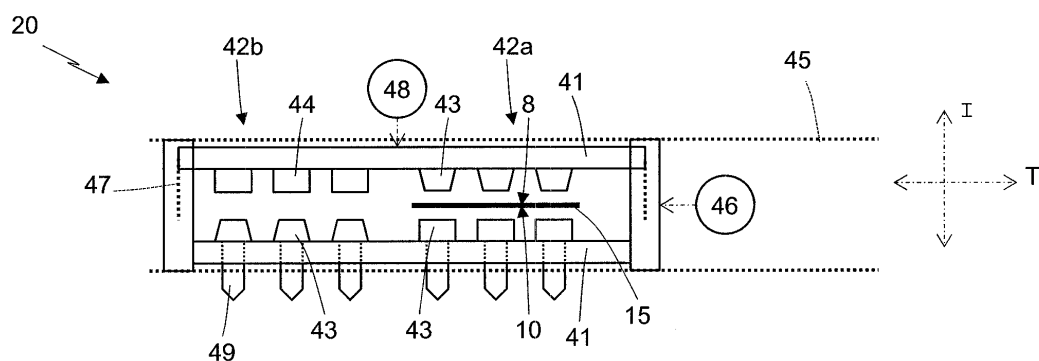


Fig. 5



EUROPEAN SEARCH REPORT

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EP 15 16 4744

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 2008/038074 A2 (EASYPACK SOLUTIONS S R L [IT]; BURATTINI CHRISTIAN [IT]) 3 April 2008 (2008-04-03) * the whole document *	1-12	INV. B65B61/02 B65B61/18 B65D75/58 B65B9/02 B26D1/04 B26D3/08
A	US 2005/178086 A1 (BAKKEN CRAIG [US]) 18 August 2005 (2005-08-18) * the whole document *	1-12	
A	WO 2010/100531 A2 (MESINI PAOLO [IT]) 10 September 2010 (2010-09-10) * the whole document *	1-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			B65B B65D B26D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		2 September 2015	Yazici, Baris
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate 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			

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EPO FORM 1503 03.82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ 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):

☐ 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.

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:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ 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:

☒ 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:

1-12

☐ 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

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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: 1-12

an incision unit and an incision method for a single-dose break-open package.

2. claim: 13

a dosing unit to feed a dose of product with a pressurized tank, a feeding duct originating from the tank and a pump arranged along the feeding duct.

3. claims: 14, 15

a printing unit and a printing method to print a pattern on a deformable plastic strip with a contrast plate comprising a nozzle to supply a blow of compressed air.

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

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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
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