(11) **EP 1 512 636 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **04.05.2005 Bulletin 2005/18**

(51) Int Cl.7: **B65D 33/00**, B65B 43/12

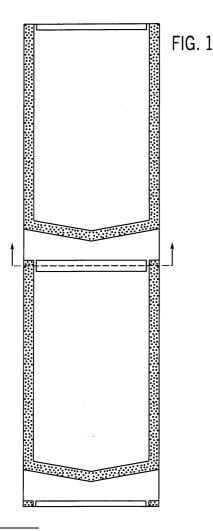
- (43) Date of publication A2: **09.03.2005 Bulletin 2005/10**
- (21) Application number: 04254979.0
- (22) Date of filing: 19.08.2004
- (84) Designated Contracting States:

 AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
 HU IE IT LI LU MC NL PL PT RO SE SI SK TR
 Designated Extension States:

 AL HR LT LV MK
- (30) Priority: 19.08.2003 US 643688
- (71) Applicant: Sharp Packaging Systems, Inc. Sussex, Wisconsin 53089 (US)
- (72) Inventor: Scarberry, Paul W. Slinger Wisconsin 53086 (US)
- (74) Representative: Hackett, Sean James Marks & Clerk, Alpha Tower, Suffolk Street Queensway Birmingham B1 1TT (GB)

(54) Continuous web of pre-opened medical bags

(57)A continuous of pre-opened bags adapted for use with an automated bagging machine. The web (10) of bags is formed from an elongated strip of base material (22) exhibiting deadfold properties and an elongated strip of plastic film (24). The plastic film (24) is adhered to the base material (22) along an adhesive strip defining a pair of side seals (26,28), a bottom seal (30) and an open end (34). A die-cut (36) is formed in the base material near the open end such that product can be inserted into each of the individual bags through the die-cut formed in the base material. Once the product is inserted into the bag (14), a heat seal (70) is formed across the bag (14) beneath the die-cut opening. Once sealed, each of the individual bags is separated from the continuous web along a series of perforations. The series of perforations extend from the die-cut to the side edge of the continuous web (10) such that the width of the die-cut can be increased by automated mechanical means.



12 636 A3



EUROPEAN SEARCH REPORT

Application Number EP 04 25 4979

		ERED TO BE RELEVANT dication, where appropriate,	Relevant	CLASSIFICATION OF THE
Category	of relevant passa		to claim	APPLICATION (Int.Cl.7)
Х	US 4 747 815 A (BEN 31 May 1988 (1988-0 * columns 3,4; figu	5-31)	1-4,7, 9-11	B65D33/00 B65B43/12
Υ	US 4 306 656 A (DAF 22 December 1981 (1 * the whole documer	.981-12-22)	1-6,12, 16,17	
Α	the whore documen		18	
Υ	US 3 254 828 A (LEF 7 June 1966 (1966-6 * column 6, lines 3		1-6,12, 16,17	
Α	US 3 926 311 A (LAS 16 December 1975 (1 * abstract; figure	.975-12-16)	5,6,8,18	
Α	US 5 474 208 A (BAL 12 December 1995 (1 * column 5, lines 2		12,16	TECHNICAL FIELDS
A,D	US 6 419 392 B1 (BA 16 July 2002 (2002- * the whole documer	07-16)	1,12	B65D B65B B31B
	The present search report has I	<u> </u>		
	Place of search	Date of completion of the search		Examiner
	The Hague	9 March 2005	Gre	ntzius, W
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS ioularly relevant if taken alone ioularly relevant if combined with another iment of the same category inclogical background written disclosure rediate document	E : earlier patent of after the filling of the comment cite L : document cite	d in the application d for other reasons	shed on, or

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

EP 04 25 4979

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.

09-03-2005

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4747815	Α	31-05-1988	NONE		'
US 4306656	Α	22-12-1981	NONE		
US 3254828	Α	07-06-1966	NONE		
US 3926311	Α	16-12-1975	US	4055454 A	25-10-197
US 5474208	Α	12-12-1995	US US US US US	5426918 A 5301889 A 5174449 A 5915555 A 5310056 A	27-06-199 12-04-199 29-12-199 29-06-199 10-05-199
US 6419392	B1	16-07-2002	NONE		

© in For more details about this annex : see Official Journal of the European Patent Office, No. 12/82