



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
14.10.2009 Bulletin 2009/42

(51) Int Cl.:
B65B 25/14 (2006.01) **B65D 85/66** (2006.01)

(43) Date of publication A2:
01.04.2009 Bulletin 2009/14

(21) Application number: **08165169.7**

(22) Date of filing: **25.09.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

(72) Inventors:
• **Labbe, Michel**
Victoriaville
Québec G6P 9G7 (CA)
• **Bowden, Richard Scott**
Tolland, CT 06084 (US)

(30) Priority: **26.09.2007 US 861692**
10.09.2008 CA 2639514

(74) Representative: **Le Forestier, Eric et al**
Cabinet Régimbeau
20, rue de Chazelles
75847 Paris Cedex 17 (FR)

(71) Applicant: **Cascades Conversion Inc.**
Kingsey Falls QC J0A 1B0 (CA)

(54) **Crimping marks reducing wrapper for rolls**

(57) A wrapper for wrapping on a roll of length L having two opposed roll ends is described. The wrapper comprises an interior layer of a length W_i and of an interior layer basis weight, adapted to be adjacent the roll when the wrapper is wrapped on the roll; an exterior layer of a length W_e longer than the length W_i of the interior layer

forming at least one end strip of width S and of an exterior layer basis weight, adapted to be outside of the roll when the wrapper is wrapped on the roll. The interior layer basis weight is different from the exterior layer basis weight. The end strip of the exterior layer is adapted to be folded on a corresponding one of the roll ends during crimping following wrapping of the wrapper on the roll.

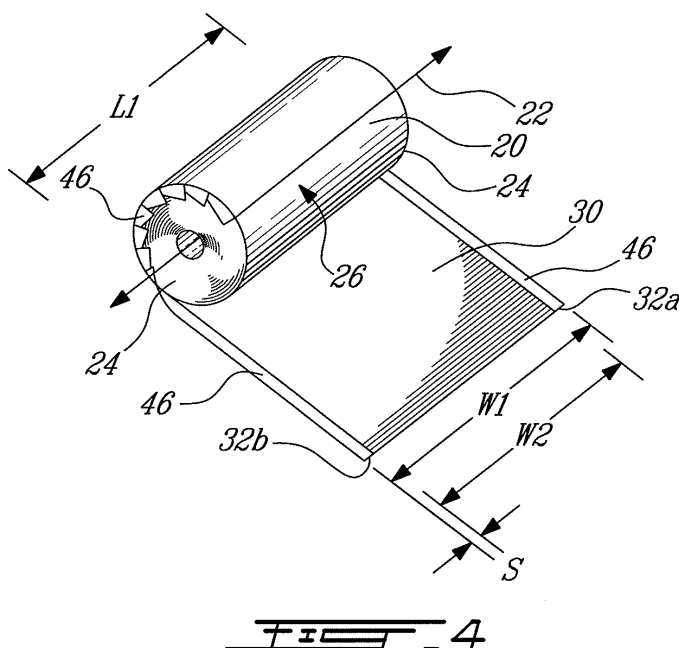


Fig. 4



EUROPEAN SEARCH REPORT

Application Number
EP 08 16 5169

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,D	US 2006/277866 A1 (BOWDEN RICHARD S [US] ET AL) 14 December 2006 (2006-12-14) * paragraphs [0025] - [0027], [0032] - [0034], [0042]; claims 13,22,26; figures *	1-15	INV. B65B25/14 B65D85/66
A	US 5 114 012 A (MUSHINSKI ROGER J [US] ET AL) 19 May 1992 (1992-05-19)		
A	US 5 131 209 A (SCHREIBER GLENN [US] ET AL) 21 July 1992 (1992-07-21)		
P	US 2007/272574 A1 (UITENBROEK DAVID [US]) 29 November 2007 (2007-11-29)		
			TECHNICAL FIELDS SEARCHED (IPC)
			B65B B65D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 1 September 2009	Examiner Philippon, Daniel
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			

 2
EPO FORM 1503 03.82 (P04C01)

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

EP 08 16 5169

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.

01-09-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006277866 A1	14-12-2006	NONE	
US 5114012 A	19-05-1992	NONE	
US 5131209 A	21-07-1992	CA 2066911 A1	20-12-1992
		DE 69204376 D1	05-10-1995
		DE 69204376 T2	22-02-1996
		EP 0519672 A1	23-12-1992
		ES 2076690 T3	01-11-1995
		FI 922822 A	20-12-1992
		JP 3488720 B2	19-01-2004
		JP 5254509 A	05-10-1993
US 2007272574 A1	29-11-2007	US 2008282649 A1	20-11-2008