



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.05.2014 Bulletin 2014/21

(51) Int Cl.:
B65H 75/28 ^(2006.01) **B65B 51/04** ^(2006.01)

(43) Date of publication A2:
08.05.2013 Bulletin 2013/19

(21) Application number: **12190763.8**

(22) Date of filing: **31.10.2012**

(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

(71) Applicant: **Poly-clip System GmbH & Co. KG**
65795 Hattersheim (DE)

(72) Inventor: **Schleucher, Heiko**
63688 Gedern (DE)

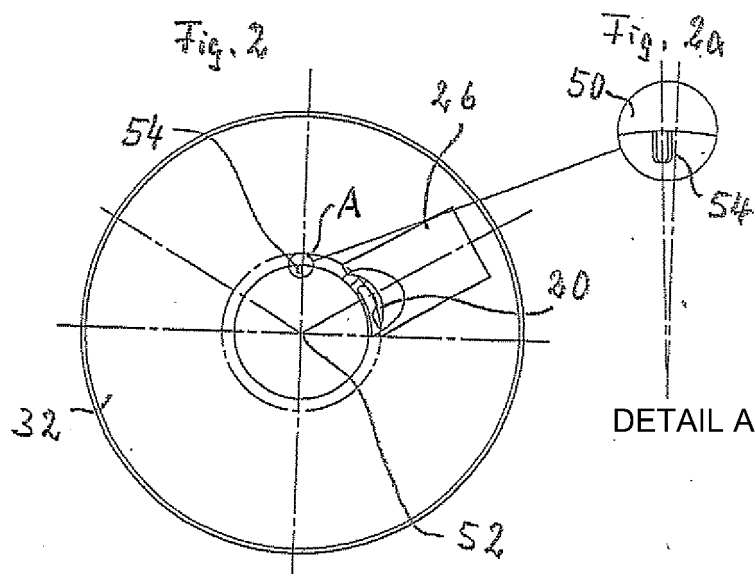
(74) Representative: **Eisenführ Speiser**
Patentanwälte Rechtsanwälte PartGmbB
Postfach 31 02 60
80102 München (DE)

(30) Priority: **04.11.2011 DE 202011107493 U**

(54) **Drum for storing and dispensing a reeled clip line**

(57) The invention relates to a clip storage drum for storing and dispensing a reeled clip line, in particular a line of S-clips, said drum comprising a drum body (10; 110) which has a hub (50; 150) and side walls (22, 32; 122, 132) respectively arranged at the axial end faces of said hub (50; 150), said side walls extending beyond the circumferential surface of the hub (50; 150) in the radial direction. The storage space defined by the inner facing

surfaces of the side walls (22, 32; 122, 132) and the hub (50; 150) and extending circumferentially around the hub (50; 150) is used to accommodate the clip line. According to the invention, a holding means (20; 120) for fixing the start of the clip line (60; 160) to the drum body (10; 110) is provided on the outer circumferential surface of the hub (50; 150).





EUROPEAN SEARCH REPORT

Application Number
EP 12 19 0763

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	US 5 735 483 A (BIERLEIN ERICK M [US]) 7 April 1998 (1998-04-07)	1-8, 10-15	INV. B65H75/28
Y	* column 1, lines 3-29 * * column 4, lines 9-24; figures *	9	ADD. B65B51/04
Y	US 2010/224718 A1 (STRONG CORY [US]) 9 September 2010 (2010-09-09) * paragraph [0034]; figures *	9	
A,D	DE 32 44 979 A1 (BARROSO ANGEL L) 27 October 1983 (1983-10-27) * figures *	1-15	
A,D	DE 20 2007 006428 U1 (POLY CLIP SYSTEM GMBH) 16 August 2007 (2007-08-16) * paragraphs [0035], [0040]; figures *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			B65H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 April 2014	Examiner Lemmen, René
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 12 19 0763

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.

16-04-2014

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5735483 A	07-04-1998	NONE	
US 2010224718 A1	09-09-2010	NONE	
DE 3244979 A1	27-10-1983	CH 650316 A5	15-07-1985
		DE 3244979 A1	27-10-1983
		FR 2525708 A1	28-10-1983
DE 202007006428 U1	16-08-2007	BR PI0801342 A2	21-07-2009
		CN 101318600 A	10-12-2008
		DE 202007006428 U1	16-08-2007
		EP 1987721 A1	05-11-2008
		ES 2375762 T3	06-03-2012
		US 2008272225 A1	06-11-2008