



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
02.07.2014 Bulletin 2014/27

(51) Int Cl.:
A47K 10/16 ^(2006.01) **B65H 75/10** ^(2006.01)

(43) Date of publication A2:
14.05.2008 Bulletin 2008/20

(21) Application number: **07021613.0**

(22) Date of filing: **07.11.2007**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK RS

(71) Applicant: **Cartiera Lucchese S.p.A.**
55016 Porcari LU (IT)

(72) Inventor: **Pasquini, Sandro**
55100 Lucca (IT)

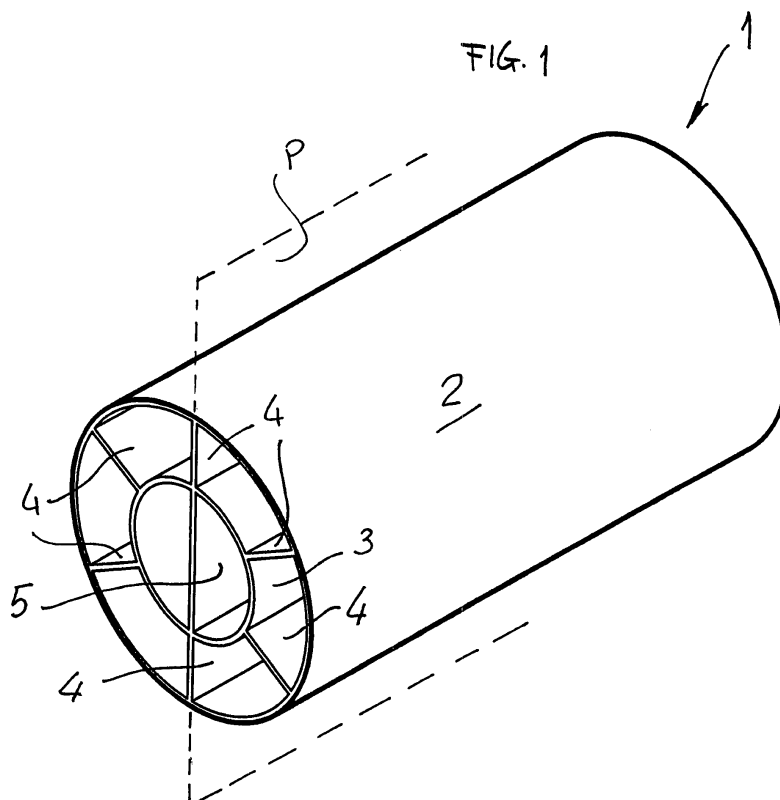
(74) Representative: **Brogi, Graziano**
APTA S.r.l.
Piazza dei Martiri 1
40121 Bologna (IT)

(30) Priority: **09.11.2006 IT MO20060023**

(54) **Core for rolls**

(57) The core for rolls of rollable and unrollable material comprises: first outer tubular means (2; 200) and second inner tubular means (3; 300), concentric with said first outer tubular means (2; 200); first connection ribs (4)

placed in between said first outer tubular means (2; 200) and second inner tubular means (3; 300), said second inner tubular means (3; 300) having at least one second inner diametral rib (5; 500).





EUROPEAN SEARCH REPORT

Application Number
EP 07 02 1613

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 4 919 358 A (INNOCENTI SR EMIL [US] ET AL) 24 April 1990 (1990-04-24) * column 1, line 7 - line 10 * * column 1, line 50 - column 2, line 43 * * column 2, line 66 - column 5, line 35; figures *	1-7, 10-12	INV. A47K10/16 B65H75/10
X	US 5 513 820 A (MEYER ROBERT A [US]) 7 May 1996 (1996-05-07) * column 2, line 1 - line 9 * * column 2, line 40 - line 53; figures *	1-4,6,7, 9	
X	US 2 868 475 A (STERN JEROME J ET AL) 13 January 1959 (1959-01-13) * the whole document *	1,3,5,7, 9,10	
A	US 5 322 234 A (ROBERT CRAIG E [US] ET AL) 21 June 1994 (1994-06-21) * column 1, line 9 - line 16; figures 1-4 *	1-7,9	
A	DE 197 18 601 C1 (LAMMERS THOMAS [DE]) 21 January 1999 (1999-01-21) * column 1, line 3 - line 19 * * column 3, line 3 - line 45; figures 1,2 *	1,3,7,9	TECHNICAL FIELDS SEARCHED (IPC) B65H A47K
A	US 5 669 578 A (MA MING [US]) 23 September 1997 (1997-09-23) * column 2, line 12 - line 19; figures *	1	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 May 2014	Examiner Fajarnés Jessen, A
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	

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

EP 07 02 1613

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.

22-05-2014

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4919358 A	24-04-1990	NONE	
US 5513820 A	07-05-1996	NONE	
US 2868475 A	13-01-1959	NONE	
US 5322234 A	21-06-1994	NONE	
DE 19718601 C1	21-01-1999	DE 19718601 C1 US 5984049 A	21-01-1999 16-11-1999
US 5669578 A	23-09-1997	NONE	