



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets



(11)

EP 2 431 980 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
22.01.2014 Bulletin 2014/04

(51) Int Cl.:  
**H01B 7/18 (2006.01)** **H01B 13/10 (2006.01)**

(43) Date of publication A2:  
21.03.2012 Bulletin 2012/12

(21) Application number: 11306061.0

(22) Date of filing: 23.08.2011

(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**

(30) Priority: 17.09.2010 SE 1050973

(72) Inventor: **Persson, Karl-Gustav**  
**332 92 Gislaved (SE)**

(74) Representative: **Allain, Laurent et al**  
**Ferray Lenne Conseil**  
**Le Centralis**  
**63, avenue du Général Leclerc**  
**FR-92340 Bourg-la-Reine (FR)**

(71) Applicant: **Nexans**  
**75008 Paris (FR)**

### (54) Cable and method of production thereof

(57) A cable (10), including a shell (22) comprising a tube-shaped tape (24) of a material selected from a group of materials consisting of cellulose, synthetic resin or a combination thereof, a sheath (20) of synthetic resin enclosing the shell, and a cable body (12) inside the shell.

According to the invention, the shell (22) has a resilience capable of yieldably resisting a compressive force from the sheath (20) when the sheath is shrinking during forming thereof, to thereby maintain a predetermined clearance (p2) to the cable body (12) and/or a resulting roundness of the sheath once the sheath has been hardened.

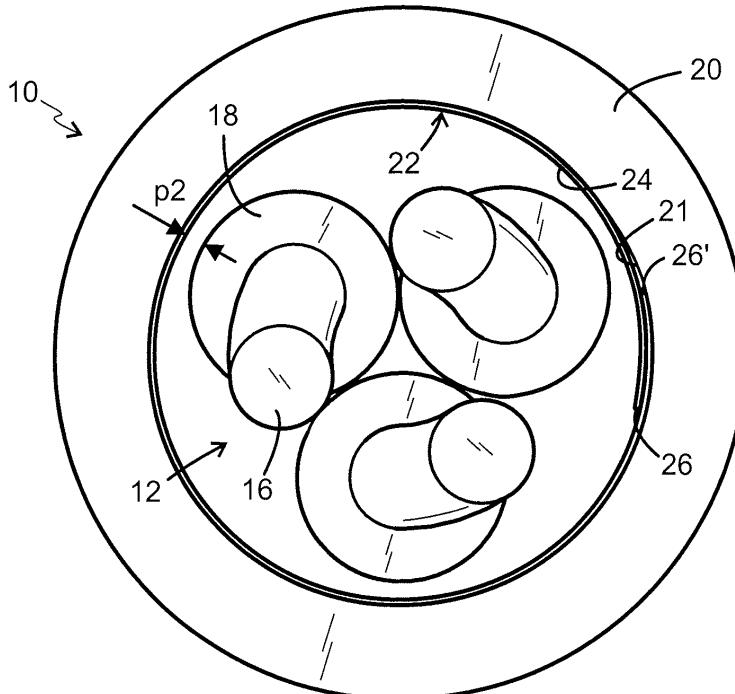


FIG. 5B



## EUROPEAN SEARCH REPORT

Application Number  
EP 11 30 6061

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	GB 1 534 279 A (BICC LTD) 29 November 1978 (1978-11-29)	1-6, 8-10,12	INV. H01B7/18
Y	* page 1 - page 2; claim 13; figure 1 *	7,11 13	
A	-----		ADD. H01B13/10
Y	US 3 304 214 A (ALM CHRISTIAN A) 14 February 1967 (1967-02-14)	11	
A	* column 1, line 5; figures 1, 2 *	1-10,12, 13	
Y	US 4 252 584 A (GARNER JOHN N) 24 February 1981 (1981-02-24)	7	
A	* column 1; figure 2 *	1-6,8-13	
A	DE 37 36 079 A1 (PHILIPS PATENTVERWALTUNG [DE]) 3 May 1989 (1989-05-03) * the whole document *	1-13	
	-----		
			TECHNICAL FIELDS SEARCHED (IPC)
			H01B
3 The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 10 December 2013	Examiner Wozniak, Doris Anna
CATEGORY OF CITED DOCUMENTS		<p>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  .....  &amp; : member of the same patent family, corresponding  document</p>	
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			

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

EP 11 30 6061

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.

10-12-2013

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 1534279	A	29-11-1978	GB HK	1534279 A 47279 A	29-11-1978 20-07-1979	
US 3304214	A	14-02-1967	NONE			
US 4252584	A	24-02-1981	NONE			
DE 3736079	A1	03-05-1989	NONE			