11 Publication number:

0 132 571

**A3** 

(12)

## **EUROPEAN PATENT APPLICATION**

(21) Application number: 84106866.1

(51) Int. Cl.<sup>4</sup>: **H 01 B 7/04** H 01 B 7/00

(22) Date of filing: 15.06.84

30 Priority: 21.07.83 US 516157

(43) Date of publication of application: 13.02.85 Bulletin 85/7

Balance Date of deferred publication of search report: 15.10.86

Designated Contracting States:
 DE FR GB NL

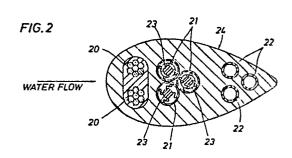
71) Applicant: SHELL OIL COMPANY
One Shell Plaza P.O. Box 2463
Houston Texas 77001(US)

(2) Inventor: Ayers, Ray R. 12431 Honeywood Trail Houston Texas 77077(US)

Representative: Dreiss, Hosenthien & Fuhlendorf Gerokstrasse 6 D-7000 Stuttgart 1(DE)

(54) Faired umbilical cable.

(57) The present invention pertains to an underwater seismic cable which has at least one tensile cable (20) placed upstream in faired cross-sectional arrangement. Located downstream of the tensile cable (20) are placed other electrical, pneumatic and hydraulic cables (21) and hoses (22), with the electrical cable (20).







EP 84 10 6866

ategory	Citation of document with indication, where appropriate, of relevant passages  GB-A-2 027 553 (B.B. MOORE)  * Page 2, lines 79-92, 111-117; figures 3,6 *		ELEVANT	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)				
Y			117;	1	Н	01	В	7/04 7/00	
A				12					
Y	US-A-2 435 956 ( * Column 1, lin line 11; figure 1	e 47 - colum	ın 2,	1					
A			-	2,9,10 ,12,13					
A	US-A-4 072 123 (	J.F. BYERS)		1,2,7- 13				_	
	* Column 3, line 6 - colline 47; figures 3,5-9 *		mn 4,	4,			TECHNICAL FIELDS SEARCHED (Int. CI 4)		
A	GB-A-1 580 089 ( * Page 1, line 6 57; figure 1 *	- (L.M. ERICSS 61 - page 2,	ON) line	1	В	01 63 63	В		
		<b></b>							
	The present search report has b	een drawn up for all claim							
	Place of search	Date of completion		DENCT	DED	Exam	iner		
	THE HAGUE	28-07-1	.986	DEMOL	DFK	J.			
Y : p	CATEGORY OF CITED DOCL particularly relevant if taken alone particularly relevant if combined w document of the same category echnological background non-written disclosure ntermediate document	rith another C	after the file of	ent document ing date cited in the ap cited for othe	but poplicat	ublisi ION ONS	ned or	n, Of	