

[12] Patent

[11] Patent No.: GC 0000231	Number of the Decision to Grant the Patent: 5/644
[45] Date of Publishing the Grant of the Patent: 29/03/2006 5/2006	Date of the Decision to Grant the Patent: 22/05/2005
[21] Application No.: GCC/P/2001/1481 [22] Filing Date: 10/07/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State 00305968.0 13/07/2000 EP [72] Inventor: Neil Griffiths [73] Owner: Shell Internationale Research Maatschappij B.V., Carel van Bylandtlaan 30, The Hague, 2569 HR, The Netherlands [74] Agent: Suleiman Ibrahim Al-Ammar	[51] Int. Cl. ⁷ : E21B 17/02; E21B 47/12 [56] Cited Documents: - EP 0721053 A (SHELL INT RESEARCH) 10 July 1996 - EP 0964134 A (SCHLUMBERGER SERVICES PETROL; SCHLUMBERGER TECHNOLOGY BV (NL); SCH) 15 December 1999 - US 5233304 A (HUBANS CHRISTIAN) 03 August 1993

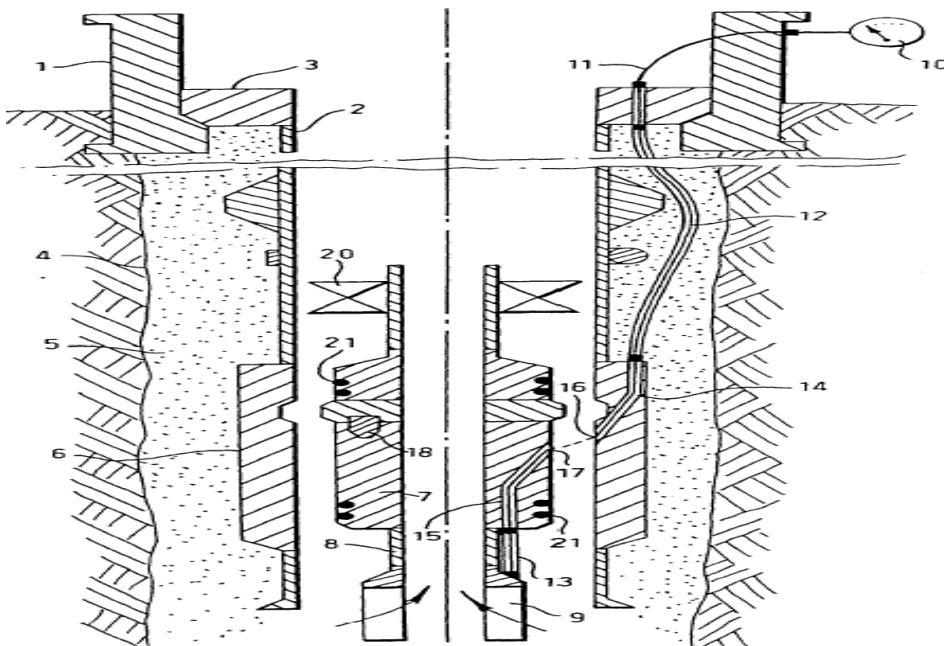
[54] DEPLOYING A CABLE THROUGH A GUIDE CONDUIT IN A WELL

[57] Abstract: A fibre optical or other cable is inserted through a pre-installed guide conduit in a well by:

- Installing an upper part of the guide conduit permanently in the well such that it is embedded in the annular cement body at the outer surface of a casing string between a wellhead and an outer component of a guide conduit connector which is located near a lower end of the casing string;
- Installing a lower part of the guide conduit in the well such that it extends alongside the outer surface or is an integral part of a liner string down from an inner component of the guide conduit connector which is located near an upper end of the liner string;
- Aligning the inner and outer components of the guide conduit connector with each other; and
- Pumping the cable down through the thus interconnected upper and lower parts of the guide conduit.

No. of claims: 4

No. of figures: 1



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