

Title (en)

Device for monitoring deposits for a production well

Title (de)

Vorrichtung zur Überwachung einer Lagerstätte für Produktions-Bohrlöcher

Title (fr)

Dispositif perfectionné de surveillance d'un gisement pour puits de production

Publication

EP 0533526 B1 19960724 (FR)

Application

EP 92402439 A 19920904

Priority

FR 9111536 A 19910917

Abstract (en)

[origin: EP0533526A1] In a well (1) which is to be equipped for production from an underground deposit, a lining tube or casing (2) is lowered, which casing comprises a set of tubular sections connected in succession to each other by means of tubular connectors (3), at least some of which are modified, and it is cemented once installed in the well. These special connectors (3) comprise housings (5, 7) for one or more sensors (6) and others possibly for electronic acquisition and transmission circuits (8). The various connectors (3) of the device are interconnected to each other by cables (18) and to a surface installation by a multi-conductor cable (13) for the electrical power supply to the electronic modules and the transmission of the acquired data. This arrangement enables the various connectors to be prewired, which simplifies the installation of the device during the manipulation of well equipment. <??>Application to the monitoring of oil production wells for example. <IMAGE>

IPC 1-7

E21B 47/00

IPC 8 full level

E21B 47/01 (2012.01)

CPC (source: EP US)

E21B 47/01 (2013.01 - EP US); **E21B 47/017** (2020.05 - EP US)

Cited by

FR2703470A1; US5921731A; US6036413A; US5829520A; GB2331314A; GB2331314B; US6442105B1; WO9749894A1; WO9409255A1; WO9624751A1; US7604055B2; US7938188B2

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EP 0533526 A1 19930324; **EP 0533526 B1 19960724**; CA 2078467 A1 19930318; CA 2078467 C 20031125; DE 69212415 D1 19960829; DE 69212415 T2 19970116; FR 2681373 A1 19930319; FR 2681373 B1 19931029; MX 9205260 A 19930501; NO 305573 B1 19990621; NO 923587 D0 19920915; NO 923587 L 19930318; US 5303773 A 19940419

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