

Title (en)

IMPROVEMENTS IN AND RELATING TO ELECTRICAL POWER TRANSMISSION IN FLUID WELLS.

Title (de)

VERBESSERUNGEN AN ELEKTRISCHER ENERGIEÜBERTRAGUNG IN FLÜSSIGKEITSBOHRLÖCHERN.

Title (fr)

AMELIORATIONS SE RAPPORTANT A LA TRANSMISSION D'ENERGIE ELECTRIQUE DANS DES PUITES DE FLUIDE.

Publication

EP 0020416 A1 19810107 (EN)

Application

EP 79901156 A 19800422

Priority

GB 7838597 A 19780929

Abstract (en)

[origin: WO8000727A1] A method of, and apparatus for transmitting electrical power along the borehole of an oil or gas well being drilled or in production. The invention has particular application in downhole monitoring, an electrical sensor (10) for the particular parameter feeding its output signals to A", B" and via, respectively, an insulated central section of the tubing string (2) and the casing (1) these signals being withdrawn at A, B for suitable monitoring. An isolating sub (11) for electrically insulating the central section of the string is disclosed.

Abstract (fr)

Methode et appareil de transmission de l'energie electrique le long d'un alesage d'un puit de petrole ou de gaz en cours de perforation ou en production. L'invention s'applique particulierement au controle en profondeur dans le trou, un capteur electrique (10) pour le parametre particulier envoyant ses signaux de sortie a A' B' et via, respectivement, une section centrale isolee du cordon du tube (2) et de l'enveloppe (1) ces signaux etant retires en A, B pour un controle ou surveillance approprie. Un sous-isolant (11) pour l'isolation electrique de la section centrale du cordon est decrit.

IPC 1-7

E21B 47/12; **E21B 17/00**

IPC 8 full level

E21B 17/00 (2006.01); **E21B 47/12** (2012.01)

CPC (source: EP US)

E21B 17/003 (2013.01 - EP); **E21B 17/0285** (2020.05 - EP); **E21B 47/12** (2013.01 - EP US)

Cited by

EP3358008A1; WO0068323A1; EP2865389A1; EP2338510A1

Designated contracting state (EPC)

DE FR LU NL SE

DOCDB simple family (publication)

WO 8000727 A1 19800417; EP 0020416 A1 19810107; GB 2055131 A 19810225; GB 2055131 B 19821215

DOCDB simple family (application)

GB 7900158 W 19790928; EP 79901156 A 19800422; GB 8017024 A 19790928