

Title (en)

Dynamometric measuring assembly for drill pipe with radio transmission means.

Title (de)

Anordnung zur Kraftmessung für ein Bohrgestänge mit einer Vorrichtung zur Funkübertragung.

Title (fr)

Ensemble de mesure dynamométrique pour tige de forage muni de moyens de transmission radio.

Publication

EP 0468891 A1 19920129 (FR)

Application

EP 91402073 A 19910725

Priority

FR 9009638 A 19900727

Abstract (en)

[origin: US5144298A] Dynamometric measuring assembly for a drill pipe, formed by a measuring device comprising, firmly attached to the rotating pipe, sensors and a first electronic circuit for conditioning the signals supplied by these sensors, a radiotransmitter mounted in a fixed manner on the rotating pipe and an acquisition unit. According to the invention, the measuring assembly furthermore comprises a radio receiver mounted on the rotating pipe and intended to allow the remote control of the measuring device.

Abstract (fr)

Ensemble de mesure dynamométrique pour tige de forage formé d'un dispositif de mesure comprenant, solidaires de la tige tournante (10), des capteurs (18-40) et un premier circuit électronique (42) de conditionnement des signaux fournis par ces capteurs, un émetteur radio (44) monté fixe sur la tige tournante (10), et une unité d'acquisition (60). Selon l'invention, l'ensemble de mesure comprend de plus un récepteur radio (46) monté sur la tige tournante (10) et destiné à permettre la commande à distance du dispositif de mesure.

IPC 1-7

E21B 47/00; **E21B 47/12**; **G08C 17/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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