

Title (en)

Measuring device for determining the alignment and the trajectory of a drill string

Title (de)

Messvorrichtung zum Bestimmen der Ausrichtung und des Verlaufs eines Bohrgestänges

Title (fr)

Dispositif de mesure pour déterminer l'alignement et la trajectoire d'une tige de forage

Publication

**EP 0980958 A3 20010214 (DE)**

Application

**EP 99115943 A 19990813**

Priority

DE 19837546 A 19980819

Abstract (en)

[origin: EP0980958A2] The arrangement has several inclinometer sensors (6) distributed over the length of the drill rod (4) and arranged at defined points on the drill rod, an evaluation unit for the measurement data acquired by the inclinometer sensors and an arrangement for transferring the measurement data to the evaluation unit.

IPC 1-7

**E21B 47/022**; E02D 3/12

IPC 8 full level

**E21B 47/022** (2006.01); **E02D 1/00** (2006.01); **E02D 3/12** (2006.01)

CPC (source: EP)

**E21B 47/022** (2013.01); **E02D 1/00** (2013.01); **E02D 3/12** (2013.01)

Citation (search report)

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- [Y] GB 2052757 A 19810128 - TRENDOR PTY LTD
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EP1270824A3; AT413422B

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0980958 A2 20000223**; **EP 0980958 A3 20010214**; DE 19837546 A1 20000302; DE 19837546 C2 20010726

DOCDB simple family (application)

**EP 99115943 A 19990813**; DE 19837546 A 19980819