Title (en)

Method of measuring a borehole

Title (de)

Verfahren zum Vermessen eines Bohrlochs

Title (fr)

Procédé de mesure pour un puits

Publication

EP 1108853 A3 20030115 (DE)

Application

EP 00126334 A 20001202

Priority

DE 19960036 A 19991213

Abstract (en)

[origin: EP1108853A2] The apparatus for measuring a borehole in the ground has an entry point on the ground surface and a foot point at its lower end. It uses a drivable drill bar (16) formed tubularly, a guide (15) for the bar, with a deepest clamping point (20) near the entry point (17). A drill crown (19) is fitted at the front end of the bar. A first inclinometer (21) measures an inclination angle (a) and is arranged behind the drill crown inn the drill bar and a second inclinometer (22) measures an inclination angle (alpha k) and is arranged above the bar guide. A device is provided for measuring the length (l) of the drill bar extending away from the guide. A further device marks a predetermined rotary position of the drill bar in relation to a reference direction.

IPC 1-7

E21B 47/022

IPC 8 full level

E21B 47/022 (2012.01); **E21B 47/04** (2012.01)

CPC (source: EP)

E21B 47/022 (2013.01); **E21B 47/04** (2013.01)

Citation (search report)

- [YA] US 4434654 A 19840306 - HULSING II RAND H [US], et al
- [Y] GB 2086055 A 19820506 - SUNDSTRAND DATA CONTROL
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EP1711682A4; CN102134989A; US9464518B2

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DOCDB simple family (publication)

EP 1108853 A2 20010620; **EP 1108853 A3 20030115**; **EP 1108853 A9 20030502**; DE 19960036 C1 20010705

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