

Title (en)

Magnetic ranging system for controlling a drilling process

Title (de)

Magnetisches Abstandsmesssystem zur Steuerung eines Bohrvorganges

Title (fr)

Système de télémétrie par magnétisme pour contrôler un procès de forage

Publication

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Application

EP 09174667 A 20091030

Priority

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Abstract (en)

The invention relates to a ranging system (1) for controlling a drilling process downhole. The ranging system has a longitudinal direction and comprises a drilling tool (2) for drilling a first borehole (3), the drilling tool having a tool axis (4) and comprising a magnetic field source (5) generating a magnetic field (6) and having a magnetic field source axis (7). In addition, the ranging system comprises a sensing tool (8) arranged in a second borehole (9) for measuring the magnetic field by means of a sensor unit (10). The magnetic field source axis is substantially parallel to the tool axis.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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