

Title (en)

PROCESS AND DEVICE FOR MEASURING CABLE DRILLED BORES

Title (de)

VERMESSUNGSVERFAHREN FÜR SEILKERNBOHRUNGEN UND VORRICHTUNG ZUR DURCHFÜHRUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR L'EXECUTION DE MESURES DANS DES TROUS FORES PAR CABLE

Publication

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Application

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Priority

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Abstract (en)

[origin: DE4129709C1] According to a process for measuring cable drilled bores, an autonomously operating measurement probe (1) is introduced into the boring rods (3) with the drilling fluid and is stopped at the drill bit (5) by a core barrel coupling (6), then a transmission probe (2), to which is secured a bore hole measurement cable (4) connected to a laptop PC (7) is also introduced into the boring rods (3) with the drilling fluid, a wireless connection between the measurement probe (1) and the transmission probe (2) is established, the measurement probe (1) is initialized by and synchronized with the laptop PC (7), measurement values from the measurement probe (1) are recorded and time dependent temporarily stored, the transmission probe (2) is drawn out of the boring rods (3), the measurement probe (1), once the measurement is completed, is retrieved by means of a core barrel extractor, and the measurement values are read out by means of the laptop PC (7). A device for carrying out the process is also disclosed.

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