

Title (en)

Methods and apparatus for wireline drilling on coiled tubing

Title (de)

Verfahren und Vorrichtung zum Drahtseilbohren mittels eines gewickelten Rohrstranges

Title (fr)

Procédé et dispositif pour le forage au cable parmi tubage enroulé

Publication

EP 1867831 B1 20130724 (EN)

Application

EP 06291008 A 20060615

Priority

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Abstract (en)

[origin: EP1867831A1] Apparatus for drilling an underground borehole, comprising: - a tubular conveyance system (18) including an electric cable and a supply of drilling fluid, the supply of drilling fluid being arranged in use to pump fluid from the surface down the inside of the tubular conveyance (18) so as to return to the surface via the annulus between the outside of the tubular conveyance (18) and the borehole; - a drilling system (20) comprising an electrically powered pump (28) and a drilling motor (22), the pump (28) being arranged in use to pump fluid from the borehole outside the drilling system (20) up through the inside of the drilling system (20); - a connector (30) connecting the drilling system (20) to the tubular conveyance system (18), through which the pump (28) and motor (22) are connected to the electric cable, and - a flow diverter at which flow down the inside of the tubular conveyance system (18) is diverted into the annulus, and flow up the inside of the drilling system (20) is diverted into the annulus.

IPC 8 full level

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CPC (source: EP GB US)

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Cited by

EP2776656A4; CN109899061A; CN106703684A; GB2454895B; GB2454702A; GB2454895A; US10697245B2; WO2009065581A1

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