

Title (en)

DRILLING DEVICE FOR USE ESPECIALLY DURING DIRECTIONAL DRILLING FOR RECOVERY OF GEOTHERMAL ENERGY

Title (de)

BOHRVORRICHTUNG ZUR VERWENDUNG INSBESONDERE WÄHREND DES RICHTBOHRENS ZUR GEWINNUNG VON GEOTHERMISCHER ENERGIE

Title (fr)

DISPOSITIF DE FORAGE DESTINÉ À ÊTRE UTILISÉ SPÉCIALEMENT PENDANT UN FORAGE DIRECTIONNEL POUR LA RÉCUPÉRATION D'ÉNERGIE GÉOTHERMIQUE

Publication

EP 2635760 A1 20130911 (EN)

Application

EP 10859323 A 20101104

Priority

NO 2010000401 W 20101104

Abstract (en)

[origin: WO2012060711A1] A drilling device with a drilling derrick above a base structure 2, wherein the drilling derrick 1 is provided with a winch 13 and a snatch block (14) for lifting and lowering a drilling machinery 7 connected to the surface via three or more flexible hoses and a centrally disposed hoisting wire with integrated electric and fibre cables 3. The drilling machinery 7 is assembled from a drill bit 18 connected to a drilling motor and gear 20 via a stabilizer 19. The drilling motor and gear are connected, in turn, to a directional control 21 and further, via the intermediate sub (22), to a rolling anchor connected to the swivel connection 25. Drill collars are disposed above the swivel 25 in order to control the weight on the drill bit 18.

IPC 8 full level

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