

Title (en)

METHOD AND DEVICE FOR MODIFYING THE WEIGHT ON AN EARTH FRILL BIT

Publication

EP 0469317 A3 19930414 (DE)

Application

EP 91110976 A 19910703

Priority

DE 4024107 A 19900730

Abstract (en)

[origin: EP0469317A2] In a method and a drilling device for sinking a bore in underground rock formations, a drilling tool (1), provided at the end face with a rotary drill bit (4) and axially displaceable in parallel relative to a drill-pipe string at least in certain areas via a telescopic connection (14; 15), is supplied with drilling fluid through the drill-pipe string (3), and a hydraulic applied pressure of the drill bit is derived from the drilling fluid. In the process, the applied pressure of the drill bit is set as a function of drilling parameters, changing during the sinking, by changing in a controlled manner at the surface the hydraulic parameters relevant to the hydraulic derivation of the applied pressure. <IMAGE>

IPC 1-7

E21B 44/00; **E21B 17/07**; **E21B 7/06**

IPC 8 full level

E21B 7/06 (2006.01); **E21B 17/07** (2006.01); **E21B 21/08** (2006.01); **E21B 44/00** (2006.01)

CPC (source: EP US)

E21B 7/06 (2013.01 - EP US); **E21B 7/068** (2013.01 - EP US); **E21B 17/07** (2013.01 - EP US); **E21B 44/005** (2013.01 - EP US)

Citation (search report)

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