

Title (en)

METHOD AND DEVICE FOR DRIVING BORE-HOLES, SPECIALLY FOR PROSPECTION AND EXTRACTION DRILLINGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM NIEDERBRINGEN VON BOHRLÖCHERN, INSBESONDERE FÜR SCHÜRF- UND GEWINNUNGSBOHRUNGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR FORER DES SONDAGES, NOTAMMENT DES SONDAGES DE RECHERCHE ET D'EXTRACTION

Publication

**EP 0958446 A2 19991124 (DE)**

Application

**EP 97951093 A 19971125**

Priority

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- DE 19702983 A 19970128

Abstract (en)

[origin: DE19702983C1] A new method sinks boreholes, especially for exploration and production. The drill string (5) carries a combination head (10) comprising cutter(s) (29) and a guide tip. The cutting head can be raised, retracting it from the guide tip (22). It can also be lowered into a working position, level with the end of the tip (21) or even projecting beyond it. Drilling commences with the cutter retracted until the guide tip, working in the ground, locates and positions the end of the drill string. The cutters are then lowered relative to the tip, to make the bore, especially in hard ground. Also claimed is the corresponding drilling equipment.

IPC 1-7

**E21B 7/28**; **E21B 10/26**; **E21B 10/62**; **E21B 7/128**; **E21B 7/124**; **E21B 4/16**; **E21B 4/02**; **E21B 4/04**; **E21B 43/29**; **E21C 50/00**

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CPC (source: EP KR US)

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