

Title (en)
DRILLING PIPE

Title (de)
BOHRROHR

Title (fr)
TUBE DE FORAGE

Publication
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Abstract (en)
[origin: US5350024A] PCT No. PCT/EP92/01149 Sec. 371 Date Feb. 26, 1993 Sec. 102(e) Date Feb. 26, 1993 PCT Filed May 22, 1992 PCT Pub. No. WO93/04257 PCT Pub. Date Mar. 4, 1993. In order to achieve improved flow properties for a flushing medium charged with rock particles freed during the drilling phase, an injection drilling anchor is provided with anchor rods, coupling members, injection valves, an intermediate member containing a non-return valve, as well as drill head, which are designed such that these components are connected one to the other below one another always by screw fittings, so that in the assembled state one has a fully homogeneous structure from the drill head upwards. The drill head has an external thread extending uniformly over the full length and consequently has a uniform diameter, so that after drilling has taken place, starting from the mouth of the borehole, a spacer can be pushed within the borehole along the full length of the borehole over the anchor rods to any desired point. The anchor rods are provided over their full length with a uniform internal threading, so that a cutting to a particular length does not hinder their utility for use in the framework of the injection drilling anchor. The coupling members, the injection valves, intermediate member and the drill head for this purpose comprise tubular cylinders which correspond in terms of their internal and external threading with the anchor rods and which each have a stop function for the positional screwing together of the parts.

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