

Title (en)
DEVICE FOR DRILLING, ESPECIALLY PERCUSSION OR ROTARY PERCUSSION DRILLING, HOLES

Title (de)
VORRICHTUNG ZUM BÖHREN, INSBESONDERE SCHLAG- ODER DREHSCHLAGBOHREN, VON BOHRLÖCHERN

Title (fr)
DISPOSITIF DE FORAGE, NOTAMMENT DE FORAGE PERCUTANT OU ROTOPERCUTANT, DE TROUS

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Application
EP 01905482 A 20010221

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Abstract (en)
[origin: WO0163085A1] The invention relates to a device for drilling, especially percussion drilling or rotary percussion drilling, holes (2), comprising a drill bit (3) with a drilling or breaking surface (14), a drill rod (4) for introducing a rotary or percussive force and for introducing a rinsing or cooling fluid into the drill bit (3) and a sheath pipe (5) which defines a hollow space (6) between the drill rod (4) and the inside of the sheath pipe (5) and which is supported on the drill rod (4) or which can be connected to the drill bit (3). According to the invention, in a drilling position, the sheath pipe (5) is situated at a distance from the rear side (16) of the drill bit (3) facing away from the breaking surface (14) and the drill bit (3) can be introduced into a rinsing position for the hollow space (6) between the sheath pipe (5) and the drill rod (4) with its rear side (16) resting on the front end (8) of the sheath pipe (5) facing towards the drill bit (3) or can be connected to the front end (8) of the sheath pipe (5). This enables even lumps of material or drillings (7) to be removed simply and reliably through the hollow space between the drill rod (4) and the sheath pipe (5) and if necessary, enables a defined rinsing position to be adopted for rinsing this hollow space (6).

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Citation (search report)
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Cited by
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