

Title (en)
Drilling device.

Title (de)
Bohrvorrichtung.

Title (fr)
Dispositif de forage.

Publication
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Application
EP 82200977 A 19820726

Priority
• CH 323082 A 19820526
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Abstract (en)
[origin: WO8300524A1] The device comprises a drilling head equipped with a rotating body (1) through which runs a duct (18) for supplying and bearing a cutting disc (5) mounted in free rotation on a shaft (4). The rotating shaft (4) of the disc (5) is supported by the rotating body (1) and it diverges with the axis of rotation of the said body (1) in the drilling direction. A roller (13) in free rotation rolls on the vertical wall of the drilled hole and centres the device.

Abstract (fr)
La dispositif comporte une tête de forage munie d'un corps rotatif (1) traversé axialement par un conduit (18) de distribution de boue et supportant une couronne de taille (5) montée libre en rotation sur un axe (4). L'axe de rotation (4) de la couronne (5) est supporté par le corps rotatif (1) et il diverge avec l'axe de foration dudit corps (1) vers le sens de forage. Un galet (13) libre en rotation roule sur la paroi verticale du puits fore et permet de centrier le dispositif.

IPC 1-7
E21B 10/12; **E21B 17/10**; **E21B 10/30**; **E21B 10/34**; **E21B 10/28**; **E21B 10/04**

IPC 8 full level
E21B 10/04 (2006.01); **E21B 10/06** (2006.01); **E21B 10/08** (2006.01); **E21B 10/12** (2006.01); **E21B 10/28** (2006.01); **E21B 10/30** (2006.01); **E21B 10/32** (2006.01); **E21B 10/34** (2006.01); **E21B 17/10** (2006.01)

IPC 8 main group level
E21B (2006.01)

CPC (source: EP KR US)
E21B 10/04 (2013.01 - EP US); **E21B 10/06** (2013.01 - EP US); **E21B 10/12** (2013.01 - EP KR US); **E21B 10/28** (2013.01 - EP KR US); **E21B 10/34** (2013.01 - EP KR US); **E21B 17/1057** (2013.01 - EP US)

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