

Title (en)
DRILLING DEVICE

Publication
EP 0072072 B1 19860514 (FR)

Application
EP 82200977 A 19820726

Priority
• CH 323082 A 19820526
• CH 510881 A 19810807

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.

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)

Cited by
US6074045A; US6109730A; CN115142797A; EP0289457A1; CN108291429A; US6102526A; EP0384734A1; US6361148B1; US6257708B1; US6361147B1

Designated contracting state (EPC)
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EP 0072072 A1 19830216; **EP 0072072 B1 19860514**; AR 228513 A1 19830315; AU 548365 B2 19851205; AU 8820382 A 19830222; BR 8207803 A 19830906; CA 1189060 A 19850618; CS 266311 B2 19891213; CS 587082 A2 19890210; DE 3271141 D1 19860619; DK 152783 A 19830406; DK 152783 D0 19830406; ES 514797 A0 19830816; ES 8307977 A1 19830816; GR 77216 B 19840911; IE 53075 B1 19880525; IE 821909 L 19830207; IL 66456 A0 19821231; IL 66456 A 19850830; IN 159061 B 19870314; JP S58501240 A 19830728; JP S6158637 B2 19861212; KR 840001296 A 19840430; NO 831219 L 19830406; OA 07177 A 19840430; PT 75391 A 19820901; PT 75391 B 19841031; SU 1496639 A3 19890723; TR 21508 A 19840730; US 4549614 A 19851029; WO 8300524 A1 19830217

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EP 82200977 A 19820726; AR 29021182 A 19820804; AU 8820382 A 19820726; BR 8207803 A 19820726; CA 408603 A 19820803; CS 587082 A 19820806; DE 3271141 T 19820726; DK 152783 A 19830406; EP 8200158 W 19820726; ES 514797 A 19820806; GR 820168974 A 19820806; IE 190982 A 19820806; IL 6645682 A 19820803; IN 591DE1982 A 19820802; JP 50247182 A 19820726; KR 820003553 A 19820806; NO 831219 A 19830406; OA 57769 A 19820806; PT 7539182 A 19820806; SU 3573201 A 19830406; TR 2150882 A 19820805; US 48654083 A 19830308