

Title (en)
PICK HOLDER WITH SPRAYING DEVICE

Publication
EP 0099350 B1 19860319 (DE)

Application
EP 83890108 A 19830629

Priority
AT 261582 A 19820706

Abstract (en)
[origin: ES8404898A1] A bit holder equipped with a spraying device, comprising a receiving bore (2) in which the bit shaft (3) is supported, for limited axial shifting movement and optionally for being rotated, shifting movement of the bit shaft (3) in direction of the cutting pressure being limited by abutment (5) and the bit shaft being loaded by a return force in opposite direction to the cutting pressure and a valve (10, 11) for the supply of water to the bit or to the working or drift face during cutting operation being arranged within the bit holder (1) and being opened under the action of the cutting pressure by the axial shifting movement of the bit shaft (3). The valve housing (9) is inserted into the receiving bore (2). The rear end of the bit shaft (3) acts directly on the shaft (12) of the valve cone (10). Within the mantle of the receiving bore (2) and in front of the valve housing (9) there are provided passages (16) through which contaminations entering into the receiving bore (2) along the bit shaft (3) can be discharged in outward direction before they can arrive at the valve seat (11). The shaft (12) of the valve cone (10) is preferably guided within the valve housing (9), so that contaminations are rinsed in outward direction through the passages (16) by the leakage water flowing therethrough.

IPC 1-7
E21C 35/22

IPC 8 full level
E21C 35/12 (2006.01); **E21C 35/18** (2006.01); **E21C 35/187** (2006.01); **E21C 35/22** (2006.01)

CPC (source: EP US)
E21C 35/187 (2013.01 - EP US)

Citation (examination)
EP 0010534 A1 19800430 - VOEST ALPINE AG [AT]

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EP0181318A1; EP0160757A1; EP0352243A1; EP0240014A1; DE3721802A1; AP243A

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0099350 A1 19840125; EP 0099350 B1 19860319; AT 375149 B 19840710; AT A261582 A 19831115; AU 1548483 A 19840112; AU 563360 B2 19870709; CS 244128 B2 19860717; CS 391583 A2 19850815; DE 3362598 D1 19860424; ES 523603 A0 19840516; ES 8404898 A1 19840516; HU 186331 B 19850729; IN 157043 B 19860104; JP S598899 A 19840118; JP S6213479 B2 19870326; PL 141535 B1 19870831; PL 242712 A1 19840227; RO 89108 A 19860430; SU 1284461 A3 19870115; US 4542942 A 19850924; YU 143183 A 19860831; YU 42870 B 19881231; ZA 834198 B 19840530

DOCDB simple family (application)
EP 83890108 A 19830629; AT 261582 A 19820706; AU 1548483 A 19830608; CS 391583 A 19830601; DE 3362598 T 19830629; ES 523603 A 19830627; HU 236283 A 19830629; IN 720CA1983 A 19830607; JP 11075383 A 19830620; PL 24271283 A 19830627; RO 11143983 A 19830628; SU 3612254 A 19830705; US 50430283 A 19830614; YU 143183 A 19830630; ZA 834198 A 19830608