

Title (en)
SUBCALIBRE SHAFT WITH CENTRAL DRILLHOLDER

Publication
EP 0474591 A3 19930210 (DE)

Application
EP 91810638 A 19910813

Priority
DE 4027820 A 19900901

Abstract (en)
[origin: EP0474591A2] The insertion shaft (2) of the tool (1) has a central opening (4) open in the drilling direction, which serves for holding a centre bit (13), a substantially radially displaceable locking element (6) being mounted through an open perforation (5) and driving strips (9) being present, said driving strips serving for driving the centre bit (13) in rotation. <IMAGE>

IPC 1-7
B25D 17/08

IPC 8 full level
B23B 51/04 (2006.01); **B25D 17/08** (2006.01); **B28D 1/04** (2006.01); **B28D 1/14** (2006.01)

CPC (source: EP KR US)
B25D 17/088 (2013.01 - EP US); **B28D 1/041** (2013.01 - EP US); **B28D 1/14** (2013.01 - KR); **B25D 2217/0042** (2013.01 - EP US); **Y10S 279/905** (2013.01 - EP US); **Y10T 279/17145** (2015.01 - EP US); **Y10T 279/17786** (2015.01 - EP US); **Y10T 408/8957** (2015.01 - EP US); **Y10T 408/953** (2015.01 - EP US)

Citation (search report)

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CN10471119C; EP0732164A1; US5788430A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0474591 A2 19920311; EP 0474591 A3 19930210; EP 0474591 B1 19951227; AT E132066 T1 19960115; DE 4027820 A1 19920305; DE 59107142 D1 19960208; DK 0474591 T3 19960409; ES 2080935 T3 19960216; JP H06198637 A 19940719; KR 920006084 A 19920427; US 5174696 A 19921229

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