

Title (en)
DOWNHOLE MILLING DEVICE

Title (de)
FRÄSVORRICHTUNG IM BOHRLOCH

Title (fr)
DISPOSITIF DE FRAISAGE EN FOND DE TROU

Publication
EP 1088151 A1 20010404 (EN)

Application
EP 99936456 A 19990609

Priority
• EP 99936456 A 19990609
• EP 9904039 W 19990609
• EP 98304595 A 19980610

Abstract (en)
[origin: WO9964715A1] A device for performing milling operations in an underground borehole comprises a toppling head (2) which is pivotably secured to a stator housing (1) and which is equipped with one or more rotatable mills (3, 4) which are in use pivoted together with the toppling head (2) into an extended position from the stator housing (1) to mill a window in a surrounding casing (23), or to underream the wellbore whilst the stator housing is rotated in the wellbore.

IPC 1-7
E21B 29/06; **E21B 27/00**; **E21B 7/28**; **E21B 4/16**

IPC 8 full level
E21B 4/16 (2006.01); **E21B 7/28** (2006.01); **E21B 27/00** (2006.01); **E21B 27/02** (2006.01); **E21B 29/06** (2006.01)

CPC (source: EP)
E21B 27/02 (2013.01); **E21B 29/06** (2013.01)

Citation (search report)
See references of WO 9964715A1

Cited by
EP2447465A3; EP2419601A4; WO2010120180A1

Designated contracting state (EPC)
DE DK ES GB IT NL

DOCDB simple family (publication)
WO 9964715 A1 19991216; AU 5155099 A 19991230; AU 741468 B2 20011129; BR 9911083 A 20010220; CA 2334150 A1 19991216; CN 1119499 C 20030827; CN 1305562 A 20010725; DE 69905364 D1 20030320; EA 002048 B1 20011224; EA 200100019 A1 20010625; EP 1088151 A1 20010404; EP 1088151 B1 20030212; ID 27015 A 20010222; NO 20006247 D0 20001208; NO 20006247 L 20001208; NO 314855 B1 20030602; NZ 508288 A 20030328; OA 11626 A 20040909

DOCDB simple family (application)
EP 9904039 W 19990609; AU 5155099 A 19990609; BR 9911083 A 19990609; CA 2334150 A 19990609; CN 99807158 A 19990609; DE 69905364 T 19990609; EA 200100019 A 19990609; EP 99936456 A 19990609; ID 20002563 A 19990609; NO 20006247 A 20001208; NZ 50828899 A 19990609; OA 1200000337 A 19990609