

Title (en)
Rotary percussive drill.

Title (de)
Drehschlag-Bohrwerkzeug.

Title (fr)
Perceuse rotative à percussion.

Publication
EP 0048482 A1 19820331 (EN)

Application
EP 81107493 A 19810921

Priority
GB 8030556 A 19800922

Abstract (en)
A mode change mechanism for a rotary percussive drill comprises locking balls (13) engaged in axial recesses (10) in a beat piece (7) that transmits percussion from a percussive drive (5, 6) to a drill bit and a rotary collar (16) for moving the locking balls (13) and the beat piece (7) from a position in which the beat piece is able to transmit percussion to one in which transmission cannot take place.

IPC 1-7
B25D 16/00; **B23B 45/16**

IPC 8 full level
B23B 45/16 (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP)
B25D 16/006 (2013.01)

Citation (search report)

- DE 2806611 A1 19790823 - LICENTIA GMBH
- EP 0029968 A2 19810610 - BLACK & DECKER INC [US]
- DE 6906110 U 19690612 - METABOWERKE KG [DE]
- US 3998278 A 19761221 - STILTZ ERWIN, et al
- DE 2605998 B2 19791025

Cited by
DE102004047606A1; EP0108411A1; US4585077A; EP0052507B1

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

DOCDB simple family (publication)
EP 0048482 A1 19820331; **EP 0048482 B1 19841017**; AT E9881 T1 19841115; DE 3166719 D1 19841122

DOCDB simple family (application)
EP 81107493 A 19810921; AT 81107493 T 19810921; DE 3166719 T 19810921