Title (en)
Wall grooving device

Title (de)
Mauerschlitzgerät

Title (fr)
Dispositif pour rainurer une paroi

Publication
EP 0734822 A3 19980218 (DE)

Application
EP 96810078 A 19960207

Priority
DE 19511725 A 19950330

Abstract (en)
[origin: EP0734822A2] The machine for cutting a slot in a wall has two handles (9,10) on a housing (1) containing a drive (2) for the cutting disc (5). It pivots about one end of a trolley (3) in a bearing (6) against the force of a spring (7). At the other end of the trolley is a rail (17) used for locking the housing so that a defined depth of cut is given. The housing has a latch (12) operated by a switch in one of the handles. The boss (18) marking the depth of cut has an arm (28) protruding upwards with which the latch works. The arm is made from spring steel.

IPC 1-7
B28D 1/18; B27B 9/02

IPC 8 full level
B28D 1/24 (2006.01); **B27B 9/02** (2006.01); **B27G 19/04** (2006.01); **B28D 1/04** (2006.01); **B28D 1/18** (2006.01)

CPC (source: EP KR US)
B27B 9/02 (2013.01 - EP US); **B28D 1/04** (2013.01 - KR); **B28D 1/045** (2013.01 - EP US); **B28D 1/183** (2013.01 - EP US)

Citation (search report)
- [A] DE 4023101 A1 19920123 - METABOWERKE KG [DE]
- [A] DE 4130174 A1 19930325 - METABOWERKE KG [DE]

Cited by
CN103945998A; EP1777047A1; US2017225358A1; US11919199B2; US9623583B2; WO2018050800A1; US10792836B2

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

DOCDB simple family (publication)
EP 0734822 A2 19961002; **EP 0734822 A3 19980218**; **EP 0734822 B1 20021023**; AT E226497 T1 20021115; DE 19511725 A1 19961002; DE 59609805 D1 20021128; ES 2185754 T3 20030501; JP 3662334 B2 20050622; JP H08281640 A 19961029; KR 100387020 B1 20031004; KR 960033675 A 19961022; US 5676126 A 19971014

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EP 96810078 A 19960207; AT 96810078 T 19960207; DE 19511725 A 19950330; DE 59609805 T 19960207; ES 96810078 T 19960207; JP 7907696 A 19960401; KR 19960004757 A 19960227; US 62723996 A 19960401