

Title (en)

Cutting device such as wall groove milling tool provided with sealing means

Title (de)

Schneidgerät, wie eine Mauernutfräse, mit Dichtmitteln versehen

Title (fr)

Appareil pour la coupe d'un mur disposant de moyens d'étanchéité tel qu'un outil de fraisage

Publication

EP 1609572 B1 20070815 (DE)

Application

EP 05105492 A 20050621

Priority

DE 102004029986 A 20040621

Abstract (en)

[origin: EP1609572A1] Cutting appliance (10) has cutting tool (14) situated on a motor-driven shaft (12), with a supporting plane (11) which can be placed on the underlying surface to be worked and against which the cutting tool can be lowered. It has a hub-shaped coating device (20) with a slit-shaped entrance hole (22) for the shaft, containing jointing solution to at least partly seal the slit-shaped hole. The solution has a closing part (23) moveable eccentrically around the shaft which contains a control device (25) to lower the shaft relative to the coating device in the hinged motion of the closing part.

IPC 8 full level

B28D 1/04 (2006.01); **B23Q 11/08** (2006.01); **B24B 55/05** (2006.01); **B27G 19/02** (2006.01)

CPC (source: EP)

B24B 55/052 (2013.01); **B28D 1/045** (2013.01); **B28D 1/183** (2013.01)

Cited by

WO2017089192A1; WO2017089169A1; CN111531730A; EP1775070A1; EP3173188A1; CN108290272A; EP4234163A3; EP2607036A3; EP3173187A1; CN108290271A; EP3173189A1; CN107696304A; CN108290270A; WO2017089180A1; US10821571B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1609572 A1 20051228; **EP 1609572 B1 20070815**; AT E369955 T1 20070915; DE 102004029986 A1 20060105; DE 102004029986 B4 20070614; DE 502005001214 D1 20070927

DOCDB simple family (application)

EP 05105492 A 20050621; AT 05105492 T 20050621; DE 102004029986 A 20040621; DE 502005001214 T 20050621