

Title (en)

Wall grooving device with adjustable depth of cut

Title (de)

Mauerschlitzgerät mit verstellbarem Schnittiefenfenanschalg

Title (fr)

Dispositif pour rainurer des paires à profondeur de coupe ajustable

Publication

EP 0925893 B1 20040414 (DE)

Application

EP 98811101 A 19981104

Priority

DE 19757236 A 19971222

Abstract (en)

[origin: EP0925893A2] A circular saw for masonry, has handles (11,13) provided respectively with an electrical on/off switch (12) and an electrical interlock switch (14), on a housing (10) containing a drive unit (20) and a partially enclosed cutting disc (50) which are pivotally linked (34) to the end of a sole plate (30) and kept apart under the action of a spring (36). A calibrated depth-scale arm (35), attached to the free end of the sole plate, allows the required depth to be preselected with an adjustable stop (33) movable along a probe rail (32) which in turn engages a mechanical cutout (15). In the event of the housing moving closer to the sole plate than the probe rail set-point allows, the cutout is rotated to deactivate the interlock switch via a push rod (16), and stop the saw.

IPC 1-7

B28D 1/18

IPC 8 full level

B23D 19/06 (2006.01); **B27B 9/02** (2006.01); **B28D 1/18** (2006.01); **B28D 1/24** (2006.01)

CPC (source: EP)

B27B 9/02 (2013.01); **B28D 1/183** (2013.01)

Cited by

CN107379285A; EP2692468A3; EP3095543A1; FR3130865A1; CN114888982A; CN112405293A; EP1607198A1; US7866051B2

Designated contracting state (EPC)

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EP 0925893 A2 19990630; **EP 0925893 A3 20011121**; **EP 0925893 B1 20040414**; AT E264172 T1 20040415; DE 19757236 A1 19990624; DE 59811194 D1 20040519; ES 2219862 T3 20041201; JP 4237315 B2 20090311; JP H11245221 A 19990914

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