

Title (en)
Clip attachment.

Title (de)
Klipshalterung.

Title (fr)
Fixation sous forme de clip.

Publication
EP 0487892 B1 19940824 (DE)

Application
EP 91117804 A 19911018

Priority
DE 9016249 U 19901129

Abstract (en)
[origin: EP0487892A1] The invention relates to a floor treatment operating disc (4) which can be engaged in a clip attachment with the drive plate (1) of a floor treatment device (G), having clip tongue passage windows (6) and a support surface (9) which is adjacent thereto and allows a gyratory movement between the drive plate (1) and the floor treatment operating disc (4). To achieve a solution which is, in particular, advantageous in use, the invention proposes that the support surface (9) is arranged on the outside of the clip tongue passage windows (6). <IMAGE>

IPC 1-7
A47L 11/16

IPC 8 full level
A47L 11/282 (2006.01); **A47L 11/16** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP KR US)
A47L 11/16 (2013.01 - EP KR US); **A47L 11/282** (2013.01 - KR); **A47L 11/4038** (2013.01 - EP US); **Y10T 403/75** (2015.01 - EP US)

Cited by
DE102008060099B3; US6523214B1; US7587779B2; WO0196067A1; US8806704B2; US9045872B2; WO2009027643A1

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

DOCDB simple family (publication)
EP 0487892 A1 19920603; EP 0487892 B1 19940824; AT E110246 T1 19940915; AU 8809991 A 19920604; CA 2056554 A1 19920530; DE 59102628 D1 19940929; DE 9016249 U1 19920402; DK 0487892 T3 19941205; ES 2033225 T1 19930316; ES 2033225 T3 19950201; HK 49195 A 19950413; IT 221639 Z2 19940723; IT MI910142 U1 19920822; IT MI910142 V0 19910222; JP H04272737 A 19920929; KR 0138899 B1 19980515; KR 920009373 A 19920625; MX 9102240 A 19920708; MY 121907 A 20060331; PH 30502 A 19970613; SG 26373 G 19950918; US 5259085 A 19931109

DOCDB simple family (application)
EP 91117804 A 19911018; AT 91117804 T 19911018; AU 8809991 A 19911122; CA 2056554 A 19911128; DE 59102628 T 19911018; DE 9016249 U 19901129; DK 91117804 T 19911018; ES 91117804 T 19911018; HK 49195 A 19950406; IT MI910142 U 19910222; JP 33803991 A 19911128; KR 910021697 A 19911129; MX 9102240 A 19911127; MY PI9102122 A 19911116; PH 43495 A 19911120; SG 1995904371 A 19911018; US 78179891 A 19911023