

Title (en)
DEVICE FOR ADJUSTING AND ELASTICALLY LOCKING MOVABLE SWITCH PARTS

Title (de)
EINRICHTUNG ZUM VERSTELLEN UND ZUM ELASTISCHEN VERRIEGELN VON BEWEGLICHEN WEICHENTEILEN

Title (fr)
DISPOSITIF POUR REGLER ET VERROUILLER DE MANIERE ELASTIQUE DES ELEMENTS D'AIGUILLAGE MOBILES

Publication
EP 1180080 B1 20030402 (DE)

Application
EP 00929014 A 20000510

Priority
• AT 0000130 W 20000510
• AT 86499 A 19990514

Abstract (en)
[origin: WO0069697A1] The invention relates to a device for adjusting and elastically locking the end position of movable switch parts (1), especially the switch tongues of grooved grider rail switches, comprising an axially displaceable rod (15) and a tube (17) enclosing the rod (17) in which a spring (29) surrounding the rod (29) is tensioned by stops and locking members (26, 26') that can move radially outward are mounted, wherein the rod (15) has control stops (24, 25) placed at an axial distance from one another for a radial inner position of the locking members (26, 26') and the tube (17) has stops (32, 33) for the outer position of the locking members (26, 26'), wherein at least one of the control stops (25) can be adjustably fixed to the rod (15) in axial direction of the rod (15).
[origin: WO0069697A1] The invention relates to a device for adjusting and elastically locking the end position of movable switch parts (1), especially the switch tongues of grooved grider rail switches, comprising an axially displaceable rod (15) and a tube (17) enclosing the rod (17) in which a spring (29) surrounding the rod (29) is tensioned by stops and locking members (26, 26') that can move radially outward are mounted, wherein the rod (15) has control stops (24, 25) placed at an axial distance from one another for a radial inner position of the locking members (26, 26') and the tube (17) has stops (32, 33) for the outer position of the locking members (26, 26'), wherein at least one of the control stops (25) can be adjustably fixed to the rod (15) in axial direction of the rod (15).

IPC 1-7
B61L 5/10

IPC 8 full level
B61L 5/10 (2006.01)

CPC (source: EP US)
B61L 5/10 (2013.01 - EP US)

Cited by
DE202012003189U1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0069697 A1 20001123; AT 407984 B 20010725; AT A86499 A 20001215; AT E236035 T1 20030415; AU 4723700 A 20001205; BG 106181 A 20020731; BG 64088 B1 20031231; CZ 20013938 A3 20020417; CZ 292447 B6 20030917; DE 50001625 D1 20030508; EE 04362 B1 20041015; EE 200100601 A 20030217; EP 1180080 A1 20020220; EP 1180080 B1 20030402; HU 223298 B1 20040528; HU P0201484 A2 20020828; PL 196549 B1 20080131; PL 351661 A1 20030519; PT 1180080 E 20030829; US 6666412 B1 20031223

DOCDB simple family (application)
AT 0000130 W 20000510; AT 00929014 T 20000510; AT 86499 A 19990514; AU 4723700 A 20000510; BG 10618101 A 20011205; CZ 20013938 A 20000510; DE 50001625 T 20000510; EE P200100601 A 20000510; EP 00929014 A 20000510; HU P0201484 A 20000510; PL 35166100 A 20000510; PT 00929014 T 20000510; US 3100902 A 20020509