

Title (en)  
GLIDING SWITCH

Publication  
**EP 0153573 B1 19890322 (DE)**

Application  
**EP 85100396 A 19850116**

Priority  
CH 96884 A 19840229

Abstract (en)  
[origin: EP0153573A2] 1. Sliding switch points for rail-bound conveying means, preferably for monorail suspension railways, with a base frame (1, 21) and a motordriven shift carriage (2, 22) drivable to and for therein with exactly defined selectable operative settings, usable for sliding switch points groups each with a respective straight track rail insert piece (8) with laterally arranged straight current rails (9) for the connection of a straight main line (12, 13) and with a respective arcuate track rail insert piece (6) with laterally arranged arcuate current rails (7) for the selectable shunting-out into a branch line to the right (14) or to the left (15) or for the selectable shunting-in from a branch line from the left (17) or from the right (16), characterised thereby, that a C-shaped rail holder (18, 19, 20), which lies by the upper limb flatly against the base frame (1) or the shift carriage (2), is arranged at the base frame (1) or the shift carriage (2) for each end of the connected track rails (13, 14, 15, 16, 17) displaying a symmetrical cross-section or the track rail insert pieces (6, 8) and the fastening holes needed for this are provided symmetrically of an associated vertical centre line (30, 30.1, 30.2, 30.3), halving the material thickness of this limb, of the track rail (13, 14, 15, 16, 17) or of the track rail insert piece (6, 8) and in mirror image to a horizontal centre line (32) of the sliding switch points and that an angel bracket (29, 31), which is connected with the web of the track rail (6, 8, 13, 14, 15, 16, 17), is arranged at the lower limb of the rail holder (18, 19, 20), wherein the fastening holes needed for this in the web of the track rail are arranged symmetrically of the vertical centre line (30, 30.1, 30.2, 30.3), belonging to the same and that an abutment (10, 11), the fastening holes of which are arranged in the base frame in mirror image to the horizontal centre line (32) of the sliding switch points, is provided at the base frame above each end of the track rail insert piece (6, 8) standing outside the rail connections.

IPC 1-7  
**E01B 25/26**; **B61L 23/00**

IPC 8 full level  
**B61L 23/00** (2006.01); **E01B 25/26** (2006.01)

CPC (source: EP)  
**B61L 23/002** (2013.01); **E01B 25/26** (2013.01); **E01B 2202/025** (2013.01)

Cited by  
US6899035B2; NL1036719C2; DE4305136A1; DE10159678A1; DE10159678B4; WO2007140886A3; WO2008116584A3

Designated contracting state (EPC)  
AT BE FR IT NL

DOCDB simple family (publication)  
**EP 0153573 A2 19850904**; **EP 0153573 A3 19861230**; **EP 0153573 B1 19890322**; AT E41686 T1 19890415; CH 665234 A5 19880429; ES 540028 A0 19851116; ES 8602180 A1 19851116; FI 82506 B 19901130; FI 82506 C 19910311; FI 850552 A0 19850211; FI 850552 L 19850830

DOCDB simple family (application)  
**EP 85100396 A 19850116**; AT 85100396 T 19850116; CH 96884 A 19840229; ES 540028 A 19850131; FI 850552 A 19850211