

Title (en)
GLIDING SWITCH

Publication
EP 0153573 A3 19861230 (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)

Citation (search report)

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- [A] DE 1806479 A1 19691218 - TSUBAKIMOTO CHAIN CO
- [XP] DE 3302266 A1 19840726 - DUERR AUTOMATION & FOERDERTECH [DE]

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