

Title (en)
RAIL FOR A MONORAIL SUSPENSION TRACK

Publication
EP 0141212 B1 19880107 (DE)

Application
EP 84111085 A 19840917

Priority
DE 3338841 A 19831026

Abstract (en)
[origin: EP0141212A2] 1. A rail for monorail suspension tracks with preferably electrically driven running gear (1), comprising rail portions (2, 3; 34; 40) interconnected by connecting elements and each comprising a bottom and a top sectional head (4, 5, 32, 33) having a U-shaped cross-section including a channel (8) opening towards the other sectional head and a web (6) connecting the sectional heads to one another, the web (7) of the top sectional head (4) being constructed as a running surface (16) for running and bearing rollers (17) and flanges (9, 10) on the sectional heads being externally constructed as guide surfaces (18) for guide rollers (19) of the running gear, characterised in that flanges (9, 10) of the sectional heads (4 and/or 5, 32 and/or 33) have grooves (20) extending on the channel side in the longitudinal direction of the rail at least in the end regions of each rail portion (2, 3; 34; 40) and the connecting elements are constructed as sectional fishplates (22, 42) insertable into successive channels (8) of each pair of adjacent rail portions (2, 3; 34, 40), the fishplates having longitudinal ribs (30, 45) engaging in the grooves (20) for aligning the running surfaces (16) of the rail portions (2, 3; 34; 40) and the fishplates also being expandable for aligning the guide surfaces (18) of the rail portions (2, 3; 34; 40).

IPC 1-7
E01B 25/24

IPC 8 full level
E01B 25/24 (2006.01)

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Cited by
AU608049B2; FR2717194A1; FR2589896A1

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EP 0141212 A2 19850515; EP 0141212 A3 19860709; EP 0141212 B1 19880107; AT E31759 T1 19880115; DD 232730 A5 19860205; DE 3338841 A1 19850509; DE 3468460 D1 19880211; ES 291637 U 19861016; ES 291637 Y 19870616; PT 79404 A 19841101; PT 79404 B 19860828

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EP 84111085 A 19840917; AT 84111085 T 19840917; DD 26867684 A 19841024; DE 3338841 A 19831026; DE 3468460 T 19840917; ES 291637 U 19841026; PT 7940484 A 19841025