

Title (en)

Slide plate arrangement for railway switch rail.

Title (de)

Gleitplattenanordnung für eine Eisenbahnweichenzunge.

Title (fr)

Agencement de plaque de glissement pour la lame aiguille de chemin de fer.

Publication

EP 0113515 A1 19840718 (EN)

Application

EP 83307056 A 19831118

Priority

GB 8234448 A 19821202

Abstract (en)

A slide plate (10) is secured to a base plate (11) on which a stock rail (12) is mounted, the slide plate serving to guide the slidable movement of a switch rail between opened and closed positions of a railway switch arrangement. A spring clip arrangement is engageable with the slide plate (10) and with the bottom flange (15) of the stock rail (12) in order to hold down the stock rail onto the base plate (11). The slide plate (10) comprises a first part (19) which is secured to the base plate (11) and a second part (20) which is removably engageable with the first part (19) so as to form therewith a joint slide surface for a switch rail. The second part (20) extends over an inner edge (18) of the bottom flange (15) of the stock rail to permit sliding movement of a switch rail up to the stock rail. The spring clip arrangement is engageable with the first and second parts (19,20) of the slide plate so as to maintain these parts in engagement with each other, and the spring clip arrangement is also engageable downwardly onto the bottom flange (15) of the stock rail to locate the latter on the base plate (11). The second part (20) is removable from engagement with the first part (19) (upon disengagement of the spring clip arrangement) in order to free the inner edge (18) of the bottom flange (15) of the stock rail (12) to facilitate straight-lifting of the stock rail.

IPC 1-7

E01B 7/22; E01B 7/02

IPC 8 full level

E01B 7/02 (2006.01); **E01B 7/22** (2006.01)

CPC (source: EP)

E01B 7/02 (2013.01); **E01B 7/22** (2013.01); **E01B 2202/042** (2013.01); **E01B 2202/06** (2013.01)

Citation (search report)

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