

Title (en)

Point for switches or crossings.

Title (de)

Herzstück für Weichen oder Kreuzungen.

Title (fr)

Coeur de voie pour aiguillages ou croisements.

Publication

**EP 0282796 A1 19880921 (DE)**

Application

**EP 88102963 A 19880227**

Priority

- DE 3708233 A 19870313
- EP 87117474 A 19871126

Abstract (en)

1. A cross frog (10, 38, 250) for switch points or crossings, comprising two wing rails (42, 44, 84, 86, 150, 152, 184, 188, 254, 256) and a cross-frog nose (40, 82, 154, 186, 252) disposed between them and co-operating with the wing rails to form flange grooves which run together at an acute angle for guiding a flange of a wheel, a transfer region (50) in which the nose is movable relative to the wing rail and perpendicular to the tread, being obtainable in that the tread of the wheel (28) is supported both on the tread (54, 92) of the nose (40, 82, 154, 186, 252) and also on one of the wing rails (42, 44, 84, 86, 150, 152, 184, 188, 254, 256), characterised in that the transfer region (50) is defined in controlled manner so that when the distance (Y) between the nose (40) and the inner edge of the rail is in the region between 20 mm and 30 mm, the nose and the guard rail (42) both form the tread (52, 54) of the wheel (26), and when the distance from the inner edge is smaller the guard rail forms the wheel tread and when the distance is greater the nose forms the wheel tread.

Abstract (de)

Es wird ein Herzstück (38) für Weichen oder Kreuzungen vorgeschlagen, bei der die Herzstückspitze (40) und/oder die zugeordneten Flügelschienen (42, 44) vertikal bewegbar sind, um einen ausgeprägten Übergabebereich (50) für die Lauffläche eines Rades zwischen Flügelschiene (42) und Herzstückspitze (40) zu erzielen.

IPC 1-7

**E01B 7/12**

IPC 8 full level

**E01B 7/12** (2006.01)

CPC (source: EP)

**E01B 7/12** (2013.01)

Citation (search report)

- [AD] DE 1085552 B 19600721 - KLOECKNER WERKE AG
- [A] US 2424916 A 19470729 - STEDMAN THEODORE W
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- [A] FR 1350712 A 19640131 - GENNEVILLIERS ACIERIES
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Cited by

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DOCDB simple family (application)

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