

Title (en)

POINT FOR SWITCHES OR CROSSINGS

Publication

EP 0282796 B1 19900905 (DE)

Application

EP 88102963 A 19880227

Priority

- DE 3708233 A 19870313
- EP 87117474 A 19871126

Abstract (en)

[origin: EP0282796A1] 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.

IPC 1-7

E01B 7/12

IPC 8 full level

E01B 7/12 (2006.01)

CPC (source: EP)

E01B 7/12 (2013.01)

Cited by

US6340140B1; CN110670426A; CN113981751A; CN113308949A; EP0548734A1; CN114000381A; CN107503249A; EP0587517A1; FR2695662A1; US5366184A; CN110273331A; WO2013117325A1; WO0073586A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0282796 A1 19880921; EP 0282796 B1 19900905; AT E56231 T1 19900915; DE 3860538 D1 19901011; ES 2018057 B3 19910316; SG 29192 G 19920904

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EP 88102963 A 19880227; AT 88102963 T 19880227; DE 3860538 T 19880227; ES 88102963 T 19880227; SG 29192 A 19920310