Title (en)

SWITCHING APPARATUS FOR MOVABLE PARTS OF A RAILWAY POINT

Publication

EP 0315620 B1 19920513 (DE)

Application

EP 88890268 A 19881028

Priority

AT 293187 A 19871105

Abstract (en)

[origin: EP0315620A2] In a switching apparatus for movable parts of a railway point, in which movable wing rails (2, 3) bear alternately against the frog (1) in their end position and are supported in their bearing position by means of supporting rods (4, 5) which run in the longitudinal direction of the wing rails (2, 3) and are guided displaceably on the sleepers (9) or baseplates in the longitudinal direction of the wing rails, the supporting rods (4, 5) comprise at least one thrust support (15) which interacts with thrust supports (14) of the wing rails (2, 3) for displacing the wing rails relative to the frog (1). In this arrangement, at least one of the interacting surfaces of the thrust supports (14, 15) of the wing rails (2, 3) and/or supporting rod (4, 5) is formed by a wedge surface (16, 17) which merges into a supporting surface (18, 19) which is essentially parallel to the longitudinal direction of the supporting rod (4, 5), which supporting face (18, 19) interacts with the thrust support of the wing rail in the position of the wing rail (2) which is adjacent to the frog (1). <IMAGE>

IPC 1-7

B61L 5/02; E01B 7/06

IPC 8 full level

B22C 9/10 (2006.01); **B61L 5/02** (2006.01); **E01B 7/00** (2006.01); **E01B 7/06** (2006.01); **E01B 7/08** (2006.01)

CPC (source: EP US)

B61L 5/02 (2013.01 - EP US); **E01B 7/14** (2013.01 - EP US)

Cited by

RU2704052C2; EP1790548A1; FR2893576A1; CN113668297A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0315620 A2 19890510; **EP 0315620 A3 19900207**; **EP 0315620 B1 19920513**; AT 391500 B 19901010; AT A293187 A 19900415; AT E76136 T1 19920515; DE 3871080 D1 19920617; DK 617488 A 19890506; DK 617488 D0 19881104; IN 170932 B 19920620; LT 3360 B 19950725; LT IP804 A 19950227; NO 884937 D0 19881104; NO 884937 L 19890508; PL 275621 A1 19890807; RU 1808034 C 19930407; RU 1808035 C 19930407; RU 1808036 C 19930407; US 4982919 A 19910108; YU 202088 A 19910630

DOCDB simple family (application)

EP 88890268 A 19881028; AT 293187 A 19871105; AT 88890268 T 19881028; DE 3871080 T 19881028; DK 617488 A 19881104; IN 870CA1988 A 19881021; LT IP804 A 19930722; NO 884937 A 19881104; PL 27562188 A 19881104; SU 4356786 A 19881104; SU 4356823 A 19881104; SU 4356836 A 19881104; US 26784288 A 19881107; YU 202088 A 19881031