

Title (en)
DEVICE FOR EXAMINING THE END POSITION OF DISPLACEABLE PARTS OF A RAIL SWITCH

Title (de)
VORRICHTUNG ZUR ENDLAGENPRÜFUNG VON BEWEGLICHEN TEILEN EINER SCHIENENWEICHE

Title (fr)
DISPOSITIF POUR VERIFIER LA POSITION EXTREME DE PIECES MOBILES D'UN AIGUILLAGE DE VOIE FERREE

Publication
EP 1883567 A1 20080206 (DE)

Application
EP 06721248 A 20060510

Priority

- AT 2006000192 W 20060510
- AT 8472005 A 20050518

Abstract (en)
[origin: WO2006122338A1] The invention relates to a device for examining the end position of displaceable parts of a rail switch, wherein at least one separate end position examining device (5, 6) is associated with each displaceable switch part (3, 4). Said end position examining device (5, 6) comprises a rod (8) and an examining housing (9) wherein the rod (8) is guided and wherein at least one end position switch (5, 6) which is used to detect both end positions of the displaceable switch part (3, 4) is arranged. According to the invention, the rod (8) comprises, in the region immersed in the housing (9) or the housing (9) at least two switching edges which are arranged at a distance from each other in the axial direction and which is used to actuate the at least one end position switch (5, 6). At least of the switching edges can be adjusted in the axial direction in relation to the other switching edge and is arranged in a fixed manner in the respective position.

IPC 8 full level
B61L 5/10 (2006.01); **E01B 7/22** (2006.01)

CPC (source: EP KR US)
B61L 5/107 (2013.01 - EP KR US); **E01B 7/20** (2013.01 - KR)

Citation (search report)
See references of WO 2006122338A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
HR YU

DOCDB simple family (publication)
WO 2006122338 A1 20061123; AT 502042 A4 20070115; AT 502042 B1 20070115; AU 2006246962 A1 20061123; AU 2006246962 B2 20111027; BR PI0610822 A2 20100727; CA 2607941 A1 20061123; CA 2607941 C 20100921; CN 101175661 A 20080507; CN 101175661 B 20110914; DK 1883567 T3 20121015; EP 1883567 A1 20080206; EP 1883567 B1 20120912; ES 2395043 T3 20130207; HR P20120789 T1 20121130; KR 101011100 B1 20110125; KR 20080015451 A 20080219; NO 20076501 L 20080211; PL 1883567 T3 20130228; PT 1883567 E 20121119; RS 52540 B 20130430; RU 2007147001 A 20090627; RU 2381124 C2 20100210; SI 1883567 T1 20130131; TW 200709975 A 20070316; TW I306820 B 20090301; US 2009045297 A1 20090219; ZA 200709609 B 20081029

DOCDB simple family (application)
AT 2006000192 W 20060510; AT 8472005 A 20050518; AU 2006246962 A 20060510; BR PI0610822 A 20060510; CA 2607941 A 20060510; CN 200680016816 A 20060510; DK 06721248 T 20060510; EP 06721248 A 20060510; ES 06721248 T 20060510; HR P20120789 T 20121003; KR 20077029465 A 20060510; NO 20076501 A 20071218; PL 06721248 T 20060510; PT 06721248 T 20060510; RS P20120512 A 20060510; RU 2007147001 A 20060510; SI 200631483 T 20060510; TW 95117225 A 20060516; US 92058106 A 20060510; ZA 200709609 A 20071107