

Title (en)

Switching device in rail points

Title (de)

Umstellvorrichtung in Eisenbahnweichen

Title (fr)

Dispositif de déplacement dans un aiguillage de voie ferrée

Publication

EP 2243681 A3 20110817 (DE)

Application

EP 10003810 A 20100409

Priority

DE 102009018199 A 20090422

Abstract (en)

[origin: EP2243681A2] The device has a closure plug, a closure piece and a tongue block (2), where the closure plug is actuated by a cam- or sliding bar. The closure plug is mounted in the tongue block in a pivoting manner. A switch rail is detachably connected with the tongue block and is locked at the tongue block by a wedge (11). The wedge is connected with the tongue block by a coupling element (16). The device is formed as latch or vertical clasp closure.

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP)

B61L 5/10 (2013.01)

Citation (search report)

- [XAI] DE 19502105 A1 19960725 - PEDDINGHAUS CARL DAN GMBH [DE]
- [XAI] EP 0802102 A1 19971022 - PEDDINGHAUS CARL DAN GMBH [DE]
- [E] EP 2236384 A2 20101006 - CDP BHARAT FORGE GMBH [DE]
- [XAI] WO 0114200 A1 20010301 - PEDDINGHAUS CARL DAN GMBH [DE], et al
- [XAI] EP 1078839 A1 20010228 - PEDDINGHAUS CARL DAN GMBH [DE]
- [A] DE 1084748 B 19600707 - CARL DAN PEDDINGHAUS KOMMANDIT
- [A] HANNI W: "WEICHENSTELLSYSTEM IN KASTENSCHWELLE", SIGNAL + DRAHT, TELZLAFF VERLAG GMBH. DARMSTADT, DE, vol. 86, no. 9, 1 September 1994 (1994-09-01), pages 294 - 297, XP000482823, ISSN: 0037-4997

Cited by

EP2703249A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

EP 2243681 A2 20101027; EP 2243681 A3 20110817; EP 2243681 B1 20130306; CN 101870300 A 20101027; CN 101870300 B 20121226; ES 2403480 T3 20130520; JP 2010255403 A 20101111; JP 5721341 B2 20150520; PL 2243681 T3 20130830

DOCDB simple family (application)

EP 10003810 A 20100409; CN 201010168229 A 20100422; ES 10003810 T 20100409; JP 2010098852 A 20100422; PL 10003810 T 20100409