

Title (en)

Actuating and locking device for a railroad switch device

Title (de)

Betätigungs- und Verschlussvorrichtung für eine Schienenschaltvorrichtung

Title (fr)

Dispositif d'actionnement et de verrouillage d'un dispositif d'aiguillage ferroviaire

Publication

EP 2402505 A1 20120104 (EN)

Application

EP 10382186 A 20100702

Priority

EP 10382186 A 20100702

Abstract (en)

An actuating and locking device for a railroad switch device, including: two lock boxes (2); a stretcher bar (1); two connecting rods (5), driven by the stretcher bar (1) and attached to respective tongues (9) of the switch device, said connecting rods (5) being arranged such that they can pivot in a vertical plane, wherein each of said connecting rods (5) is configured to be attached to the corresponding tongue (9) through a sliding attachment (7,8) configured to allow the tongue (9) to slide in a longitudinal direction of the tongue, and wherein the device additionally comprises two articulated detecting rods (12,13), each of said detecting rods being coupled to a lug (7) of the sliding attachment (7,8).

IPC 8 full level

E01B 7/02 (2006.01); **B61L 5/10** (2006.01)

CPC (source: EP)

B61L 5/02 (2013.01); **B61L 5/10** (2013.01); **E01B 7/02** (2013.01)

Citation (applicant)

- EP 0723901 B1 20020417 - PEDDINGHAUS CARL DAN GMBH [DE]
- EP 1110840 A1 20010627 - PEDDINGHAUS CARL DAN GMBH [DE]

Citation (search report)

- [AD] EP 0723901 B1 20020417 - PEDDINGHAUS CARL DAN GMBH [DE]
- [A] WO 9427853 A1 19941208 - ABB SIGNAL AB [SE], et al

Cited by

CN114655275A; US11661094B2; EP3626575A1; EP2923914A1; WO2021040697A1

Designated contracting state (EPC)

AL 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)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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