

Title (en)

ACTIVE MEMBER OF THE HYDRAULIC LOCKING DEVICE EQUIPPED WITH MECHANIC LOCKING AND RETENTION

Title (de)

AKTIVES ELEMENT EINER HYDRAULISCHEN VERRIEGELUNGSVORRICHTUNG MIT MECHANISCHER VERRIEGELUNG UND FIXIERUNG

Title (fr)

ÉLÉMENT D'ACTIONNEMENT D'UN DISPOSITIF DE VERROUILLAGE HYDRAULIQUE ÉQUIPÉ D'UN MÉCANISME DE VERROUILLAGE ET DE RETENUE

Publication

EP 2558345 B1 20180404 (EN)

Application

EP 11728766 A 20110414

Priority

- CZ 201022560 U 20100414
- CZ 2011000035 W 20110414

Abstract (en)

[origin: WO2011127874A2] The active member of the hydraulic locking device equipped with mechanic locking and retention for setting of the railway switches switch rails and crossing movable points consists of hollow piston and the controlling piston, in which the hollow piston (10) is connected to the hollow piston rods (6, 12), in which the compressive springs (13, 24) are situated seated to the flanges (31, 5) on the hollow piston rods (6, 12) and slide bushings (16, 25) on the piston rods (49, 50) of the controlling piston (32). The piston rods (49, 50) of the controlling piston (32) are connected with endings (19, 20) via hollow pins (23, 34) and via dog grooves (17, 22) in endings (19, 20) with retention sleeves (1, 18).

IPC 8 full level

B61L 5/10 (2006.01); **B61L 5/04** (2006.01)

CPC (source: EP)

B61L 5/04 (2013.01); **B61L 5/10** (2013.01)

Cited by

EP3607144A4

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2011127874 A2 20111020; WO 2011127874 A3 20120518; AU 2011240445 A1 20121108; CZ 20898 U1 20100517; EP 2558345 A2 20130220; EP 2558345 B1 20180404; PL 2558345 T3 20180731

DOCDB simple family (application)

CZ 2011000035 W 20110414; AU 2011240445 A 20110414; CZ 201022560 U 20100414; EP 11728766 A 20110414; PL 11728766 T 20110414