

Title (en)

Railway switch locking device

Title (de)

Verriegelungsvorrichtung für Bahnweichen

Title (fr)

Dispositif de verrouillage d'aiguillage ferroviaire

Publication

EP 2412602 B1 20130410 (FR)

Application

EP 11174587 A 20110719

Priority

FR 1056321 A 20100730

Abstract (en)

[origin: EP2412602A1] The device has a fixed part (PF) secured to a stock rail, and a movable part movable with respect to the fixed part. The movable part is fixed on a switch point rail. The movable part allows application and locking of the switch point rail on the stock rail by using a metal locking arm. The fixed part includes a bolt (7) with a socketed screw in which a bronze piston slides. The piston is actuated by the switch point rail to control a controller of the device. The screw comprises a threaded rod (71) and a hammer head (72) that is distinct from the threaded rod and secured to the threaded rod.

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP)

B61L 5/10 (2013.01)

Cited by

CN110428714A; FR3012401A1; WO2021040697A1; WO2015063404A1

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

DOCDB simple family (publication)

EP 2412602 A1 20120201; EP 2412602 B1 20130410; FR 2963307 A1 20120203; FR 2963307 B1 20120914

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EP 11174587 A 20110719; FR 1056321 A 20100730