

Title (en)

DEVICE FOR MOVING A TONGUE RAIL OF A RAILWAY SWITCH

Title (de)

VORRICHTUNG ZUM BEWEGEN EINER ZUNGENSCHIENE EINER WEICHE

Title (fr)

DISPOSITIF POUR DÉPLACER UNE LAME D'AIGUILLE D'UN AIGUILLAGE

Publication

**EP 3562998 B1 20200415 (DE)**

Application

**EP 17812250 A 20171117**

Priority

- AT 511922016 A 20161229
- AT 2017060303 W 20171117

Abstract (en)

[origin: WO2018119483A1] The invention relates to a device for moving a tongue rail of a railway switch, comprising at least two rollers (1a, 1b) positioned one behind the other and arranged substantially parallel to the course of the rail, on which rollers the tongue rail can roll up from a lower abutting position on the stock rail and directly in front of the first roller (1a) onto the first roller (1a), and can roll on to another roller (1b) until the tongue rail reaches an open switch remote, wherein at least one additional intermediate roller (2) that is smaller compared to the rollers (1a, 1b), is provided in the space between two each adjacent rollers (1a, 1b), and wherein the axis of rotation of the intermediate roller (2) is arranged substantially parallel to the axes of rotation of the rollers (1a, 1b).

IPC 8 full level

**E01B 7/02** (2006.01)

CPC (source: AT EP US)

**E01B 7/02** (2013.01 - AT EP US); **E01B 2202/025** (2013.01 - US); **E01B 2202/044** (2013.01 - AT US); **E01B 2202/046** (2013.01 - AT)

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)

**WO 2018119483 A1 20180705**; AT 519128 A4 20180415; AT 519128 B1 20180415; CA 3048518 A1 20180705; EP 3562998 A1 20191106; EP 3562998 B1 20200415; US 11447917 B2 20220920; US 2020385933 A1 20201210

DOCDB simple family (application)

**AT 2017060303 W 20171117**; AT 511922016 A 20161229; CA 3048518 A 20171117; EP 17812250 A 20171117; US 201716473012 A 20171117