

Title (en)

RAIL FASTENING MEANS AND METHOD FOR THE RENOVATION IN SECTIONS OF A TRACK

Title (de)

SCHIENENBEFESTIGUNGSMITTEL UND VERFAHREN FÜR EIN ABSCHNITTWEISES SANIEREN EINES GLEISES

Title (fr)

MOYEN DE FIXATION DE RAIL ET PROCÉDÉ DE RÉNOVATION PAR SEGMENTS D'UNE VOIE FERRÉE

Publication

**EP 3426842 A1 20190116 (DE)**

Application

**EP 17703923 A 20170208**

Priority

- AT 1192016 A 20160307
- EP 2017000176 W 20170208

Abstract (en)

[origin: WO2017153031A1] The invention relates to a rail fastening means (2) which connects a rail (3) and a sleeper (1) and consists of a screw connection (5) for fastening a connecting member (8) on the sleeper (1), said connecting member being in contact with a rail foot (7) of a rail (3) by means of a contact element (6). The contact element (6) of the connecting member (8) is designed as a roll body (10), which is rotatable about an axis (9), for rolling on the rail (3) in a longitudinal direction of the rail. In this way, it is possible to temporarily achieve a simplified grouping of a group of sleepers (1) in order to provide an empty site for the renovation in sections of the track.

IPC 8 full level

**E01B 9/02** (2006.01)

CPC (source: AT EP)

**E01B 9/02** (2013.01 - EP); **E01B 9/38** (2013.01 - AT); **E01B 9/44** (2013.01 - AT); **E01B 29/13** (2013.01 - AT)

Citation (search report)

See references of WO 2017153031A1

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 2017153031 A1 20170914**; AT 518071 A4 20170715; AT 518071 B1 20170715; CN 108713080 A 20181026; CN 108713080 B 20210824;  
EP 3426842 A1 20190116; EP 3426842 B1 20201111; ES 2840001 T3 20210706; JP 2019507836 A 20190322; JP 6887437 B2 20210616

DOCDB simple family (application)

**EP 2017000176 W 20170208**; AT 1192016 A 20160307; CN 201780015862 A 20170208; EP 17703923 A 20170208; ES 17703923 T 20170208;  
JP 2018546886 A 20170208