

Title (en)

Device and method for the subsequent fixing of a rail in a ballastless location

Title (de)

Vorrichtung und Verfahren zur Nachverfestigung einer Schiene in einer schotterlosen Verlegung

Title (fr)

Dispositif et procédé destinés à la fixation ultérieure d'un rail dans une pose sans ballast

Publication

**EP 2626467 B1 20170524 (DE)**

Application

**EP 13000540 A 20130201**

Priority

DE 202012001306 U 20120210

Abstract (en)

[origin: EP2626467A2] The device has an anchoring element i.e. threaded bolt, received by a receiving channel. A grouting mass is provided and hardened in an annular chamber between the anchoring element and the receiving channel and in a hollow chamber (10) between a loosened section (7) and a fixed section (8) of a substrate. A clamping element is arranged above a foot flange (6) of a track (1) on an upper end of the anchoring element and a spring element i.e. cup spring. The spring element is clamped in a direction of the foot flange by axial position alteration of the track.

IPC 8 full level

**E01B 31/20** (2006.01)

CPC (source: EP)

**E01B 31/20** (2013.01)

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)

**DE 202012001306 U1 20130513**; EP 2626467 A2 20130814; EP 2626467 A3 20151202; EP 2626467 B1 20170524

DOCDB simple family (application)

**DE 202012001306 U 20120210**; EP 13000540 A 20130201