

Title (en)

Rail fixing device

Title (de)

System zum Befestigen einer Schiene

Title (fr)

Système de fixation de rail

Publication

**EP 2478154 B1 20160127 (DE)**

Application

**EP 10754322 A 20100914**

Priority

- DE 102009041112 A 20090915
- EP 2010063454 W 20100914

Abstract (en)

[origin: WO2011032932A1] The invention relates to a system (S1, S2) for securing a rail (S) to a solid foundation (B), comprising a guide plate (1,30), a securing element (3) and a spring element (2). Said guide plate (1,30) comprises a bearing surface (10) on which the longitudinal side of the rail base (F) rests when in the mounted position. Said spring element (2) has a W or S shaped frame and comprises a section (22, 23, 26) which, when in the mounted state, protrudes so far over the rail base (F) that said rail base (F) is maintained elastically by said spring element (2) when it moves upwards, away from the solid foundation (B) in the vertical direction.

IPC 8 full level

**E01B 9/30** (2006.01)

CPC (source: EP US)

**E01B 9/303** (2013.01 - EP US); **E01B 9/66** (2013.01 - EP US)

Cited by

EA037636B1; FR3048984A1; US11492763B2; WO2017158271A1; WO2018091351A1; WO2018091353A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 202009013569 U1 20100107**; AR 085879 A1 20131106; CN 102498245 A 20120613; CN 102498245 B 20160224; DE 102009041112 A1 20110512; DE 102009041112 B4 20141030; EP 2478154 A1 20120725; EP 2478154 B1 20160127; ES 2566541 T3 20160413; PL 2478154 T3 20160729; TW 201116665 A 20110516; TW I513876 B 20151221; US 2012187206 A1 20120726; US 9139959 B2 20150922; UY 32887 A 20110429; WO 2011032932 A1 20110324

DOCDB simple family (application)

**DE 202009013569 U 20090915**; AR P100103351 A 20100914; CN 201080041089 A 20100914; DE 102009041112 A 20090915; EP 10754322 A 20100914; EP 2010063454 W 20100914; ES 10754322 T 20100914; PL 10754322 T 20100914; TW 99131017 A 20100914; US 201013387218 A 20100914; UY 32887 A 20100914