

Title (en)

Screw-in dowel for rail fixings

Title (de)

Schraubdübel für Schienenbefestigung

Title (fr)

Vis-cheville pour la fixation de rails

Publication

**EP 2431520 B1 20150617 (DE)**

Application

**EP 10177840 A 20100921**

Priority

EP 10177840 A 20100921

Abstract (en)

[origin: EP2431520A1] The dowel has a threaded portion (14) with external threads (18) i.e. round threads, arranged outside a threaded insert. Internal threads are arranged inside the dowel. An upper section (16) is located near a dowel opening (26) without the external threads. Two components are made of different materials and comprise a base body (22) made of plastic. A cylindrical ring (20) consists of steel material, and is mounted on the base body in a form-fit and/or force-fit manner. The ring with the base body extends upward into a region of the opening.

IPC 8 full level

**E01B 9/18** (2006.01); **F16B 13/12** (2006.01)

CPC (source: EP US)

**E01B 9/18** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 10177840 A 20100921**; AR P110103439 A 20110921; CN 201180055926 A 20110921; EA 201390416 A 20110921; EP 11757895 A 20110921; EP 2011066399 W 20110921; ES 10177840 T 20100921; PL 10177840 T 20100921; US 201113825147 A 20110921