

Title (en)

Rail bridge dampening for reducing noise on railway tracks

Title (de)

Schienenstegbedämpfung zur Schallreduzierung an Eisenbahngleisen

Title (fr)

Amortissement d'âmes de rail pour la réduction du son sur des rails de voie ferrée

Publication

EP 2314768 B1 20130918 (DE)

Application

EP 09173760 A 20091022

Priority

EP 09173760 A 20091022

Abstract (en)

[origin: EP2314768A1] The element (10) has a main surface attached as a support surface (16) to sections of a rail web (36). An opening (24) in a front surface is provided for positive engagement of an elastic fixing element i.e. foot clamp (40), for fixing the element against the web. A widened region of the element is provided in a region of the front surface and is arranged in a lower region of the front surface in an installed position of the element. Two recesses (28) are provided at a region of the widened region and sectionally lift a rail flange (38) for attaching a rail fastener. The profiled element is used with a layer of fabric with warp wires and weft wires made of plastic, ceramics or natural fiber.

IPC 8 full level

E01B 19/00 (2006.01)

CPC (source: EP US)

E01B 19/003 (2013.01 - EP US)

Cited by

DE102012022847A1; CN110485216A; WO2014079958A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2314768 A1 20110427; EP 2314768 B1 20130918; CN 102725449 A 20121010; CN 102725449 B 20151007; EP 2491178 A1 20120829; ES 2437145 T3 20140109; US 2012228394 A1 20120913; US 8763924 B2 20140701; WO 2011048209 A1 20110428; WO 2011048209 A4 20110728

DOCDB simple family (application)

EP 09173760 A 20091022; CN 201080059255 A 20101022; EP 10776960 A 20101022; EP 2010065962 W 20101022; ES 09173760 T 20091022; US 201013503419 A 20101022