

Title (en)

REMOVABLE INSULATING DEVICE FOR GROOVED RAILS OF URBAN RAILWAY TRACKS

Title (de)

ABNEHMBARE ISOLIERENDE VORRICHTUNG FÜR RILLENSCHIENEN VON STÄDTISCHEN EISENBAHNSCHIENEN

Title (fr)

DISPOSITIF D'ISOLATION AMOVIBLE POUR RAILS RAINURÉS DE CHEMIN DE FER URBAINS

Publication

**EP 3382097 B1 20190828 (EN)**

Application

**EP 17197154 A 20171018**

Priority

ES 201730532 A 20170331

Abstract (en)

[origin: EP3382097A1] Removable insulating device for grooved rails, intended to insulate a grooved rail (200) of the type used in laying tracks for trams and arranged in an urban track, for insulation from external conditions. The device prevents the need for adhesives, which enables the removal and introduction thereof in a vertical direction. Flanges or additional protruding areas prevent it from moving freely or leaving the rail in a situation of use, but with the help of tools, said protruding areas can be acted upon in order to remove it when necessary, without needing to perform lateral eliminations of the track cladding, as well as the reinsertion of the device on the track after finishing said work.

IPC 8 full level

**E01B 19/00** (2006.01); **E01B 21/00** (2006.01)

CPC (source: EP ES)

**E01B 19/003** (2013.01 - EP ES); **E01B 21/00** (2013.01 - EP); **E01B 21/02** (2013.01 - ES); **E01C 9/00** (2013.01 - EP)

Cited by

CN110952394A; FR3094019A1

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)

**EP 3382097 A1 20181003**; **EP 3382097 B1 20190828**; ES 2684844 A1 20181004; ES 2684844 B1 20190709; ES 2751151 T3 20200330

DOCDB simple family (application)

**EP 17197154 A 20171018**; ES 17197154 T 20171018; ES 201730532 A 20170331