

Title (en)

Method for producing a ballast bed which underwent partial foaming for a railway track superstructure

Title (de)

Verfahren zur Herstellung eines teilverschäumten Schotterkörpers für einen Gleisoberbau

Title (fr)

Procédé de production d'un corps de ballast soumis à un moussage partiel pour une superstructure de voie ferroviaire

Publication

**EP 1982019 B1 20200115 (DE)**

Application

**EP 07704520 A 20070212**

Priority

- EP 2007051341 W 20070212
- DE 102006006118 A 20060210

Abstract (en)

[origin: WO2007090901A2] The invention relates to a method for introducing a flowable and foamable reaction mixture from the top into a ballast body having ties embedded therein, characterized in that the mixture is introduced into the ballast body laterally from the ties, preferably depending on the height of the ballast body at the point of application, and in a quantity that is all the greater the more upwards in the ballast body the application point is situated. According to the invention, the mixture is adjusted in such a way that the foam formation process begins only when the front of the mixture flowing downwards inside the ballast body has reached the bottom side or the region in the vicinity thereof of the ballast body so that foam formation is carried out within the ballast body from the bottom towards the top.

IPC 8 full level

**E01B 1/00** (2006.01); **E01B 27/18** (2006.01)

CPC (source: EP US)

**E01B 1/001** (2013.01 - EP US); **E01B 1/008** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007090901 A2 20070816; WO 2007090901 A3 20071122**; EP 1982019 A2 20081022; EP 1982019 B1 20200115; ES 2775951 T3 20200728; US 2009152368 A1 20090618; US 2015115049 A1 20150430

DOCDB simple family (application)

**EP 2007051341 W 20070212**; EP 07704520 A 20070212; ES 07704520 T 20070212; US 201414584809 A 20141229; US 27867607 A 20070212