

Title (en)

METHOD FOR CONSTRUCTING A RIGID TRACK AND A COMMUNICATION TRACK

Title (de)

VERFAHREN ZUM HERSTELLEN EINER FESTEN FAHRBAHN UND FAHRWEG

Title (fr)

PROCEDE DE CONSTRUCTION D'UNE VOIE SUR DALLE ET VOIE DE COMMUNICATION AINSI OBTENUE

Publication

EP 1576240 A1 20050921 (DE)

Application

EP 03813884 A 20031206

Priority

- DE 10261641 A 20021227
- EP 0313864 W 20031206

Abstract (en)

[origin: WO2004059084A1] The invention relates to a method for constructing a rigid track for high-speed rail traffic. According to said method, the inventive rigid track is either constructed from precast concrete components (7) arranged on a track bed structure (2,4;16), an intermediate region between the concrete components (7) and the track bed structure (2,4;16) being filled in with a solidifying filling material (8) in order to fix the position of the concrete components (7), or from cast-in-situ concrete or a combination of concrete components (7) and cast-in-situ concrete on the track bed structure (2,4;16). The inventive method is characterised in that the track bed structure (2,4;16) is created from an existing ballast bed (2), the ballast being at least partially compacted. The invention also relates to a corresponding communication track of a rigid track.

IPC 1-7

E01B 1/00; **E01B 29/00**

IPC 8 full level

E01B 1/00 (2006.01); **E01B 29/00** (2006.01)

CPC (source: EP)

E01B 1/00 (2013.01); **E01B 29/005** (2013.01); **E01B 1/001** (2013.01); **E01B 1/002** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004059084 A1 20040715; AT E415520 T1 20081215; AU 2003296623 A1 20040722; CN 1732315 A 20060208; CN 1732315 B 20100512; DE 10261641 A1 20040708; DE 50310840 D1 20090108; EP 1576240 A1 20050921; EP 1576240 B1 20081126; ES 2316873 T3 20090416; PL 213301 B1 20130228; PL 377384 A1 20060206

DOCDB simple family (application)

EP 0313864 W 20031206; AT 03813884 T 20031206; AU 2003296623 A 20031206; CN 200380107617 A 20031206; DE 10261641 A 20021227; DE 50310840 T 20031206; EP 03813884 A 20031206; ES 03813884 T 20031206; PL 37738403 A 20031206