

Title (en)

METHOD AND SYSTEM FOR CONCRETING RAILWAY SLAB TRACK

Title (de)

VERFAHREN UND SYSTEM ZUM BETONIEREN EINER FESTEN EISENBAHNFAHRBAHN

Title (fr)

PROCÉDÉ ET SYSTÈME POUR LE BÉTONNAGE DE PISTE DE DALLE DE CHEMIN DE FER

Publication

EP 3098349 A3 20161207 (EN)

Application

EP 16382234 A 20160526

Priority

ES 201530752 A 20150529

Abstract (en)

[origin: EP3098349A2] Method for concreting railway slab track which envisages placing two parallel rails (5) one at each side and at the exterior of the track (2) under construction, supported and fixed on the platforms, semi-platforms (4) or lateral spaces, on which at least one autonomous device or hopper (6) moves, capable of loading concrete and/or pouring it in a controlled manner, distributing it uniformly along the track under construction to form the concrete slab (3) of the slab track; transporting the concrete from a supply area (PS) to the pouring area on the track under construction (2) is also carried out by means of devices or hoppers which move by rolling on the auxiliary rails (5), which are either the same devices that carry out the pouring, or are auxiliary transport devices or hoppers.

IPC 8 full level

E01B 1/00 (2006.01); **E01B 2/00** (2006.01); **E01B 29/00** (2006.01)

CPC (source: EP ES US)

E01B 1/00 (2013.01 - ES); **E01B 1/002** (2013.01 - EP ES US); **E01B 1/004** (2013.01 - ES); **E01B 2/00** (2013.01 - ES); **E01B 2/003** (2013.01 - EP US); **E01B 27/02** (2013.01 - US); **E01B 29/00** (2013.01 - ES); **E01B 29/005** (2013.01 - EP ES US); **E01B 1/004** (2013.01 - EP US); **E01B 2203/062** (2013.01 - US); **E01B 2204/09** (2013.01 - EP US); **E01B 2204/11** (2013.01 - EP US)

Citation (search report)

- [A] DE 19944783 A1 20000810 - HOCHTIEF AG HOCH TIEFBAUTEN [DE]
- [A] AT 500950 A4 20060515 - RTE TECHNOLOGIE GMBH [AT]

Cited by

CN107245916A; CN110318303A; WO2021021724A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3098349 A2 20161130; **EP 3098349 A3 20161207**; **EP 3098349 B1 20180117**; CA 2931260 A1 20161129; ES 2592568 A2 20161130; ES 2592568 R1 20170127; ES 2665973 T3 20180430; PT 3098349 T 20180308; US 2016348321 A1 20161201

DOCDB simple family (application)

EP 16382234 A 20160526; CA 2931260 A 20160527; ES 16382234 T 20160526; ES 201530752 A 20150529; PT 16382234 T 20160526; US 201615165734 A 20160526