

Title (en)
BALLASTLESS TRACK AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
FESTE FAHRBAHN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
VOIE SANS BALLAST ET PROCEDE DE REALISATION CORRESPONDANT

Publication
EP 1529134 A1 20050511 (DE)

Application
EP 03792282 A 20030808

Priority

- DE 10236534 A 20020809
- DE 10236535 A 20020809
- EP 0308813 W 20030808

Abstract (en)
[origin: WO2004018771A1] The invention relates to a ballastless track such as the internationally known Rheda 2000 System, particularly on man-made structures such as bridges or the like, comprising ties (3), which are embedded in a concrete slab (2) placed on a supporting plate (1) and which were oriented transversal to the direction of travel before the slab was applied. The slab and the supporting plate are joined to one another by the supports, which consist of a tube (5) and which are preferably used during the orientation. Said tube is divided in the dividing plane between the supporting plate and the slab and the sections thereof are joined by a filling that permits an at least limited displacement of the slab on the supporting plate.

IPC 1-7
E01B 1/00; **E01B 2/00**

IPC 8 full level
E01B 3/40 (2006.01); **E01B 1/00** (2006.01); **E01B 2/00** (2006.01)

CPC (source: EP KR)
E01B 1/007 (2013.01 - EP KR); **E01B 2/003** (2013.01 - EP KR); **E01B 2204/13** (2013.01 - EP KR)

Citation (search report)
See references of WO 2004018771A1

Designated contracting state (EPC)
ES GB

DOCDB simple family (publication)
WO 2004018771 A1 20040304; AU 2003255399 A1 20040311; EP 1529134 A1 20050511; JP 2005535813 A 20051124; KR 100692428 B1 20070312; KR 20050035270 A 20050415; TW 200513573 A 20050416

DOCDB simple family (application)
EP 0308813 W 20030808; AU 2003255399 A 20030808; EP 03792282 A 20030808; JP 2004530111 A 20030808; KR 20057002378 A 20050211; TW 92128087 A 20031009