

Title (en)

A method of installing a railway track

Title (de)

Einbauverfahren für eine feste Schienenfahrbahn

Title (fr)

Procédé d'installation d'une voie ferrée

Publication

EP 0980931 B2 20050727 (DE)

Application

EP 99114454 A 19990723

Priority

DE 19837360 A 19980818

Abstract (en)

[origin: EP0980931A1] The permanent way has rails, carried on single-block concrete sleepers (2) with projecting reinforcements, which are imbedded in a casting compound. The rails are aligned directly via a hydraulically bound carrier layer (1), with, if required, the addition of a support reinforcement (7), which is connected to the sleeper reinforcements (8). The casting compound (17) is applied directly to the carrier layer, pref. with the use of moveable, removeable side shuttering (15).

IPC 1-7

E01B 2/00; **E01B 1/00**

IPC 8 full level

E01B 37/00 (2006.01); **E01B 1/00** (2006.01); **E01B 2/00** (2006.01)

CPC (source: EP US)

E01B 1/004 (2013.01 - EP US); **E01B 2204/06** (2013.01 - EP US); **E01B 2204/10** (2013.01 - EP US)

Cited by

DE10009506A1; DE10009506B4; US7850089B2; WO2006111113A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0980931 A1 20000223; **EP 0980931 B1 20021030**; **EP 0980931 B2 20050727**; AR 029146 A1 20030618; AT E226991 T1 20021115; BR 9903729 A 20010320; CA 2279638 A1 20000218; CA 2279638 C 20050531; DE 19837360 A1 20000302; DE 19837360 C2 20020221; DE 59903231 D1 20021205; DK 0980931 T3 20030303; DK 0980931 T4 20051003; ES 2182437 T3 20030301; ES 2182437 T5 20060201; JP 2000064209 A 20000229; JP 4090157 B2 20080528; PT 980931 E 20030331; TW 440643 B 20010616; US 6237856 B1 20010529

DOCDB simple family (application)

EP 99114454 A 19990723; AR P990104029 A 19990811; AT 99114454 T 19990723; BR 9903729 A 19990818; CA 2279638 A 19990804; DE 19837360 A 19980818; DE 59903231 T 19990723; DK 99114454 T 19990723; ES 99114454 T 19990723; JP 23018099 A 19990817; PT 99114454 T 19990723; TW 88113947 A 19990816; US 37599099 A 19990817