Title (en)
METHOD FOR PRODUCING A SOUNDPROOFED TRACK

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SCHALLGEDÄMMTEN GLEISES

Title (fr)
PROCEDE POUR CONSTRUIRE UNE VOIE INSONORISEE

Publication
EP 1216326 B1 20051116 (DE)

Application
EP 00960631 A 20000908

Priority
• DE 19946317 A 19990928
• EP 0008798 W 20000908

Abstract (en)
[origin: WO0123669A1] The invention relates to a method for producing a sleeperless track, in particular, a tram track without rail fixing elements, which is located in a trough with a u-shaped cross-section. The method comprises the following steps: preparation of a trough which corresponds to the width of the track, preferably consisting partially of pre-cast concrete units with a raised edge; laying of a pre-fabricated track infrastructure, preferably comprising two rails with guard timbers, whereby the rails have been fitted with cavity filler bodies, preferably beforehand; alignment of the track infrastructure; erection of formwork (21) next to the rails towards the centre of the track; sealing of the rail beneath the rail base, at least including the cavity filler bodies on the outer side of the rail towards the raised edges and/or simultaneously the cavity filler bodies on the inner side of the rail and subsequent sealing of the centre of the track between the formwork with concrete. If necessary, the guard timbers can be omitted during the sealing of the rail and can also be removed, together with the formwork, before the concrete sealing process. For the inner sealing process, for example using a polyurethane mixture, the formwork is placed at a distance to the inner cavity filler bodies.

IPC 1-7
E01B 1/00; E01B 21/02

IPC 8 full level
E01B 1/00 (2006.01); **E01B 19/00** (2006.01); **E01B 21/00** (2006.01); **E01B 29/00** (2006.01)

CPC (source: EP)
E01B 1/004 (2013.01); **E01B 19/003** (2013.01); **E01B 21/00** (2013.01); **E01B 29/005** (2013.01)

Cited by
EP2648207A1

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)
WO 0123669 A1 20010405; AT E310123 T1 20051215; AU 7285700 A 20010430; DE 19946317 C1 20010301; DE 50011650 D1 20051222; EP 1216326 A1 20020626; EP 1216326 B1 20051116

DOCDB simple family (application)
EP 0008798 W 20000908; AT 00960631 T 20000908; AU 7285700 A 20000908; DE 19946317 A 19990928; DE 50011650 T 20000908; EP 00960631 A 20000908