

Title (en)

Apparatus and method of making a ballastless railway track

Title (de)

Verfahren und Vorrichtung zur Herstellung einer festen Fahrbahn für Schienenfahrzeuge

Title (fr)

Dispositif et procédé pour fabriquer une voie ferrée sans ballast

Publication

**EP 1460174 A3 20060125 (DE)**

Application

**EP 04002401 A 20040204**

Priority

DE 10312351 A 20030320

Abstract (en)

[origin: EP1460174A2] A one or two-part top concrete layer, and rail fasteners are formed in before the concrete has hardened. The rails are temporarily located beside the space for the concrete layer, which is fabricated by a sliding finisher rolling on the rails (3). The positioner device for the rail fastener elements also moves on the rails. The rails are positioned on the track bed, and fixed by side and height-adjustable auxiliary rail bearings (4), with dowels (5), which are aligned with the rails. The finisher consists of a trough driven by a cable winch, with molding parts at the back to mold the concrete layer. This consists of neighboring longitudinal continuous longitudinal beams (1), which are connected to each other by anchors in transverse bores.

IPC 8 full level

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

CPC (source: EP)

**E01B 1/004** (2013.01); **E01B 29/005** (2013.01); **E01B 2204/06** (2013.01)

Citation (search report)

- [DPA] DE 10163771 A1 20030717 - LEONHARD WEISS GMBH & CO KG [DE]
- [A] EP 1191145 A1 20020327 - RHOMBERG BAU GMBH [AT]
- [A] EP 0634525 A1 19950118 - WALO BERTSCHINGER AG [CH]
- [A] DE 19639142 A1 19980402 - ZUEBLIN AG [DE]
- [A] DE 10133246 A1 20030123 - WALTER HEILIT VERKEHRSWEGEBAU [DE]

Cited by

CN109355984A; AT413551B; ES2592568R1; CN111877062A; DE102004024230B4; CN109183530A; WO2016146699A1; WO2016146691A1

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