

Title (en)

Method and apparatus for tamping a railway track

Title (de)

Verfahren und Stopfmaschine zum Unterstopfen eines Gleises

Title (fr)

Méthode et appareil pour le bourrage d'une voie de chemin de fer

Publication

EP 1001085 A1 20000517 (DE)

Application

EP 99890312 A 19990929

Priority

AT 188398 A 19981111

Abstract (en)

The method involves using a measurement system (14) with a measurement line (16) formed by a light beam defined by two reference points (A,B), each formed by a sensing element movable along the track on flanged rollers, whereby the first reference point (A) is in front of the machine and the second (B) between the bogies (2). Relative displacements between the reference points are recorded during a first passage of the machine to form an actual track position graph, from which a desired position graph is derived by forming correction values. The track is raised and packed in the desired position during a second passage by recording the relative displacements of the reference points according to the correction values. An Independent claim is also included for an arrangement for packing a railway track.

Abstract (de)

In einem Verfahren zum Unterstopfen eines Gleises (6) werden in einer ersten Maschinenvorfahrt Relativverschiebungen zwischen zwei Meß-Bezugspunkten (A,B) unter Bildung einer Ist-Lagekurve des Gleises (6) registriert. Anschließend wird aus der Ist-Lagekurve unter Bildung von Korrekturwerten (34) eine Soll-Lagekurve des Gleises (6) errechnet. In einer zweiten Maschinenvorfahrt erfolgt unter Registrierung der Relativverschiebungen zwischen den beiden Meß-Bezugspunkten (A,B) entsprechend den ermittelten Korrekturwerten eine Anhebung und Unterstopfung des Gleises in die Soll-Lage. <IMAGE>

IPC 1-7

E01B 35/10; **E01B 27/17**

IPC 8 full level

E01B 27/16 (2006.01); **E01B 27/17** (2006.01); **E01B 35/10** (2006.01)

CPC (source: EP US)

E01B 27/17 (2013.01 - EP US); **E01B 35/10** (2013.01 - EP US)

Citation (applicant)

- US 3545384 A 19701208 - PLASSER FRANZ, et al
- AT 314580 B 19740410 - PLASSER BAHNBAUMASCH FRANZ
- EP 0401260 B1 19940420 - HENTTINEN MATTI [FI]
- AT 328490 B 19760325 - TS OSRODEK BADAN I ROZWOJU TEC [PL]

Citation (search report)

[XA] DE 2341788 A1 19750227 - ROBEL & CO G

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RU2468136C1; AT514718A1; AT514718B1

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DOCDB simple family (application)

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