

Title (en)

Correction method for the position of a railway track

Title (de)

Verfahren zur Lagekorrektur eines Gleises

Title (fr)

Méthode de correction de la position d'une voie de chemin de fer

Publication

EP 1028193 B1 20040609 (DE)

Application

EP 99890399 A 19991222

Priority

AT 18499 A 19990210

Abstract (en)

[origin: EP1028193A1] The method for correcting the level of a track built from rails and sleepers comprises independently measuring the left and right rail of a section of track to determine and record an actual height level (15) using a computing and control unit. Electronic smoothing of defects outside an acceptable tolerance is then used to produce a height target (19). A start (S) and end point (E) are then established to mark out the section of track whose height is to be corrected (24). A machine for feeding ballast to the track is then positioned at the start. The rail supporting surface is then adjusted to the level of the previous section which does not require correcting (22). Height correction is then carried out independently for each rail to conform with the target.

IPC 1-7

E01B 29/04

IPC 8 full level

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CPC (source: EP US)

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Cited by

WO2020037343A1; AT524435A4; AT524435B1; CN109891027A; EA037021B1; AU2017355123B2; RU2757104C1; AU2019326255B2;
AT516278A4; AT516278B1; EP4130379A1; US11174598B2; AT519218A4; AT519218B1; EP3358079A1; WO2018082798A1; US11982056B2

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CZ 2000118 A3 20000816; CZ 294091 B6 20041013; DE 59909686 D1 20040715; DK 1028193 T3 20040830; ES 2222680 T3 20050201;
HU 0000536 D0 20000428; HU 222132 B1 20030428; HU P0000536 A2 20020828; JP 2000230207 A 20000822; PL 199308 B1 20080930;
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CN 00101675 A 20000128; CZ 2000118 A 20000113; DE 59909686 T 19991222; DK 99890399 T 19991222; ES 99890399 T 19991222;
HU P0000536 A 20000208; JP 2000029528 A 20000207; PL 33828200 A 20000207; RU 2000102708 A 20000208; SK 1592000 A 20000203;
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