

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 A1 20000816 (DE)

Application
EP 99890399 A 19991222

Priority
AT 18499 A 19990210

Abstract (en)
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.

Abstract (de)
Eine Gleislagekorrektur eines Gleises erfolgt unter getrennter Aufmessung der Höhenlagefehler beider Schienen und Konzentration der Korrekturarbeiten auf extreme Sollabweichungen. Diese werden unter Eingrenzung durch Start- und Endpunkt (S,E) auf eine elektronisch ermittelte und an die angrenzenden, unkorrigierten Gleisabschnitte (22) angepaßte Höhen-Sollage (19) angehoben. <IMAGE>

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E01B 29/04

IPC 8 full level
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Citation (search report)
• [A] US 4655142 A 19870407 - THEURER JOSEF [AT], et al
• [A] US 5301548 A 19940412 - THEURER JOSEF [AT]

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