

Title (en)

METHOD AND DEVICE FOR THE DETERMINATION OF THE TOTAL SHIFTING OF THE RAILROAD TRACK DURING RECTIFICATION

Publication

EP 0047558 A3 19830112 (DE)

Application

EP 81200973 A 19810901

Priority

CH 675580 A 19800909

Abstract (en)

[origin: EP0047558A2] 1. Method for determining the effective total track displacement carried out during track levelling and/or track lining work, between the uncorrected and the corrected track position, characterised in that at one working position the amount of track displacement (qN and qR) which occurred at this position during the working operation, is measured and is multiplied by a levelling coefficient (KN) in the case of a levelling operation, and is multiplied by a lining co-efficient (KR) in the case of a lateral alignment operation, for the purpose of determining the effective total displacement (rN and rR), and values which are constant under normal track and maintenance conditions are used for these co-efficients which can be calculated in each case for a certain track rectification machine from the known machine parameters and for a certain line section from the known track parameters as a function of the magnitude of the maximum track displacement but neglecting the influence of the respective condition of the ballast bed.

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E01B 35/06

IPC 8 full level

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CPC (source: EP)

E01B 35/00 (2013.01); **E01B 35/02** (2013.01); **E01B 2203/16** (2013.01)

Citation (search report)

- [A] US 3212451 A 19651019 - DOORLEY RICHARD B, et al
- [A] US 3828440 A 19740813 - SCHUBERT E, et al
- [A] EISENBAHNTECHNISCHE RUNDSCHAU, Nr. 29, Mai 1980, Seiten 351-359, Berlin, DE.

Cited by

CN113515138A; CN1294576C

Designated contracting state (EPC)

AT DE FR IT

DOCDB simple family (publication)

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