

Title (en)

Machine for correction and stabilisation of the position of railway track

Title (de)

Maschine zum Korrigieren und Stabilisieren eines Gleises

Title (fr)

Machine à rectifier et à consolider la position d'une voie de chemin de fer

Publication

EP 1741831 A1 20070110 (FR)

Application

EP 06115634 A 20060619

Priority

CH 10982005 A 20050629

Abstract (en)

The machine has front and rear machine chassis (4a, 4b) coupled by a connecting unit with variable length. The chassis (4a) has a front movable chassis (6a) with tamping packers (7) creating, by tamping of a ballast (3), compact ballast pillars defining a desired positioning of a railway track (2). Compacting tools (12) are arranged for compacting the ballast arranged between sleepers (13). The chassis (4b) has a double lateral compacting device (14) for simultaneously treating shoulders of the sleepers. A measurement and control device controls the length along a position of the chassis (6a).

IPC 8 full level

E01B 27/17 (2006.01)

CPC (source: EP)

E01B 27/17 (2013.01)

Citation (search report)

- [DA] EP 0887464 A1 19981230 - PLASSER BAHNBAUMASCH FRANZ [AT]
- [DA] EP 1069240 A1 20010117 - PLASSER BAHNBAUMASCH FRANZ [AT]
- [A] EP 0732451 A1 19960918 - PLASSER BAHNBAUMASCH FRANZ [AT]
- [DA] DE 4218716 A1 19921217 - PLASSER BAHNBAUMASCH FRANZ [AT]

Cited by

RU2704764C1; CN112834613A

Designated contracting state (EPC)

FR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1741831 A1 20070110; CH 699356 B1 20100226

DOCDB simple family (application)

EP 06115634 A 20060619; CH 10982005 A 20050629