

Title (en)

Tamping machine with ballast suction pipe

Title (de)

Stopfmaschine mit einer Schotterabsaugdüse

Title (fr)

Machine de remblayage munie de buses d'aspirations du ballast

Publication

**EP 1130163 B1 20030910 (DE)**

Application

**EP 01890025 A 20010131**

Priority

AT 1412000 U 20000229

Abstract (en)

[origin: EP1130163A2] A tamping unit (10) is mounted on a machine frame (2) supported on a railroad track (6) by undercarriages (3). A suction apparatus has a suction line (17) connected with a ballast suction nozzle (15) that is fixed to tamping unit. The nozzle is adjusted by a drive unit (14) vertically and transversely to longitudinal direction. The suction apparatus has a discharge chute for ejecting ballast on track. The frame is extended in a longitudinal direction and supported by undercarriages to move in an operating direction. A track lifting and lining unit (11) cooperates with the tamping unit. A ballast plow is mounted on the machine frame. Independent claims are also included for the following: (a) a track maintenance machine; (b) a maintenance method for railroad track.

IPC 1-7

**E01B 27/06**; **E01B 27/17**

IPC 8 full level

**E01B 27/04** (2006.01); **E01B 27/06** (2006.01); **E01B 27/17** (2006.01)

CPC (source: EP US)

**E01B 27/04** (2013.01 - EP US); **E01B 27/06** (2013.01 - EP US); **E01B 27/17** (2013.01 - EP US)

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**EP 1130163 A2 20010905**; **EP 1130163 A3 20020821**; **EP 1130163 B1 20030910**; AT 3655 U2 20000626; AT 3655 U3 20010226; AT E249551 T1 20030915; AU 2474601 A 20010830; AU 776208 B2 20040902; CA 2339396 A1 20010829; CA 2339396 C 20050628; DE 50100585 D1 20031016; DK 1130163 T3 20031110; ES 2206393 T3 20040516; RU 27111 U1 20030110; US 2001017091 A1 20010830; US 6450102 B2 20020917

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