

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)

Cited by

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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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