

Title (en)  
Tamping device for railway track

Title (de)  
Gleisstopfmaschine

Title (fr)  
Bourreuse pour voie ferrée

Publication  
**EP 0784121 B1 20010509 (DE)**

Application  
**EP 96890187 A 19961205**

Priority  
AT 5096 A 19960112

Abstract (en)  
[origin: US5752447A] A ballast tamping machine comprises a machine frame supported on a track by undercarriages for moving in an operating direction, a track lifting and lining unit mounted on the machine frame and operable to correct the track position, a reference system controlling lifting and lining of the track by the track lifting and lining unit, and two adjoining tamping heads arranged sequentially on the machine frame in the longitudinal direction at a respective track rail. Each tamping head comprises ballast tamping tools reciprocable towards each other in the longitudinal direction at the gage side and the field side of the rail, drives for vertically adjusting the ballast tamping tools of each tamping head independently of the vertical adjustment of the ballast tamping tools of the other tamping head for immersing tamping picks on the ballast tamping tools in the ballast underneath the track. The tamping picks on the ballast tamping tools of only one of the tamping heads are pivotal in a plane extending transversely to the longitudinal direction about an axis extending at least approximately in the longitudinal direction to adapt the one tamping head for operation in switches, and pivoting drives are linked to the tamping picks on the ballast tamping tools of the one tamping head for pivoting the same.!!

IPC 1-7  
**E01B 27/17**

IPC 8 full level  
**E01B 27/16** (2006.01); **E01B 27/17** (2006.01)

CPC (source: EP US)  
**E01B 27/17** (2013.01 - EP US)

Cited by  
CN105421169A; EP1149951A3; EP1149951A2

Designated contracting state (EPC)  
AT CH DE FI IT LI SE

DOCDB simple family (publication)  
**US 5752447 A 19980519**; AT E201074 T1 20010515; AU 1010097 A 19970717; AU 702192 B2 19990218; CA 2194845 A1 19970713; CA 2194845 C 20070320; CN 1101877 C 20030219; CN 1163331 A 19971029; CZ 286585 B6 20000517; CZ 355596 A3 19970716; DE 29622255 U1 19970227; DE 59606878 D1 20010613; EA 000120 B1 19980827; EA 199700002 A1 19970930; EP 0784121 A1 19970716; EP 0784121 B1 20010509; JP 3834116 B2 20061018; JP H09195206 A 19970729; PL 182394 B1 20011231; PL 317816 A1 19970721

DOCDB simple family (application)  
**US 76796596 A 19961217**; AT 96890187 T 19961205; AU 1010097 A 19970110; CA 2194845 A 19970110; CN 97102233 A 19970110; CZ 355596 A 19961204; DE 29622255 U 19961221; DE 59606878 T 19961205; EA 199700002 A 19970109; EP 96890187 A 19961205; JP 34380996 A 19961224; PL 31781697 A 19970106