

Title (en)

Ballast Tamping Machine and Method for Tamping a Railway Track

Title (de)

Maschine und Verfahren zum Unterstopfen von Schwellen eines Gleises

Title (fr)

Machine et procédé de bourrage de voies ferrées

Publication

EP 1403433 B1 20070502 (DE)

Application

EP 03450195 A 20030903

Priority

AT 6342002 U 20020925

Abstract (en)

[origin: US2004069180A1] A machine is configured for tamping a track composed of rails that are fastened to ties resting on ballast. The rails extend in a longitudinal direction and have a field side and a gauge side, respectively, and the ballast forms tie supports located on the field side and the gauge side. The machine has a centerline extending in the longitudinal direction and comprises tamping units mounted opposite one another transversely of the longitudinal direction, each tamping unit having four tamping tine pairs composed of tamping tines and squeeze drives. The tamping tine pairs are arranged one following the other in the longitudinal direction and positioned, alternating in the longitudinal direction, at a shorter distance from the centerline for tamping tie supports located on the gauge side of the rails, and at a longer distance from the centerline for tamping tie supports located at the field side of the rails.

IPC 8 full level

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