

Title (en)

A machine for exchanging damaged ties of a railroad track.

Title (de)

Maschine zum Ersetzen von schadhaften Schwellen eines Gleises.

Title (fr)

Machine pour le remplacement de traverses détériorées d'une voie ferrée.

Publication

EP 1607523 B1 20080820 (DE)

Application

EP 05103822 A 20050509

Priority

AT 3992004 U 20040607

Abstract (en)

[origin: EP1607523A1] The railway line (8) repair machine (1) has wheels (2) at the ends running on the rails (7). It has a longitudinal beam frame (3) carrying various working tools. There are rail lifting tools (22) at the front of the machine followed by a chain excavator (14) with ballast thrown from an exit opening (15) onto conveyer belts (16) leading to a hopper (18) near the rear of the machine. New sleepers (6) are stored on a conveyer belt (13) leading to a sleeper replacement module (27). There is a sleeper changing tool (10) with a clamp (11) removing old sleepers and attaching new ones to the rails. Ballast is then replaced from the hopper.

IPC 8 full level

E01B 29/10 (2006.01)

CPC (source: EP)

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Cited by

CN107178015A; CN103299000A; CN103669134A; WO2012095152A1

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