

Title (en)

Method of removing damaged portions of a rail and machine for preparing rails for welding

Title (de)

Verfahren zum Entfernen schadhafter Schienenstücke eines Gleises und Maschine zur Vorbereitung einer Schienenschweissung

Title (fr)

Prodédé pour démonter des parties de rails détériorés et machine pour préparer des travaux de soudage

Publication

EP 1842962 B1 20090617 (DE)

Application

EP 06110538 A 20060404

Priority

EP 06110538 A 20060404

Abstract (en)

[origin: EP1842962A1] The method involves detecting both ends (24) of a rail using a rail traction device in a separating section. A traction force necessary for contracting the rail ends and an actual rail temperature are recorded by force and temperature measuring devices for evaluating the length of a replacement rail to produce a target-rail tension. Another separating section is arranged at a distance to the former separating section by path measurement, where the distance is estimated based on the selected length of the replacement rail. Independent claims are also included for the following: (1) a machine with a frame movable on a rail carriage (2) a machine arrangement for making a rail weld.

IPC 8 full level

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CPC (source: EP)

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