

Title (en)

Apparatus for exchanging railway rails.

Title (de)

Vorrichtung zur Auswechselung von Eisenbahnschienen.

Title (fr)

Dispositif pour la substitution des rails des voies de chemins de fer.

Publication

EP 0466651 B1 19950906 (FR)

Application

EP 91810528 A 19910705

Priority

- CH 186891 A 19910625
- CH 235190 A 19900713

Abstract (en)

[origin: US5181472A] The new rails to be laid are heated continuously in order to be neutralized. For this purpose, they are raised and exposed to a source of heat in the form of two heating tunnels which are mounted on a vehicle running in a continuous manner on the old rails. Each heating tunnel is traversed by a stretch of new rail. Simultaneously, the old rails are detached from the sleepers, and, after the passage of the vehicle, are deposited along the track or are cleared away. The heating vehicle is followed by an assembly vehicle by means of which the new rails, brought to and maintained at the temperature of neutralization, are laid continuously on the sleepers and are fastened thereto. In front of the heating vehicle, there is provided, on the old track, a welding vehicle for welding the new rails.

IPC 1-7

E01B 31/18; **E01B 29/17**

IPC 8 full level

E01B 29/16 (2006.01); **E01B 29/17** (2006.01); **E01B 31/18** (2006.01)

CPC (source: EP US)

E01B 29/17 (2013.01 - EP US); **E01B 31/18** (2013.01 - EP US)

Cited by

EP4159921A1; FR3009724A1; EP0551798A1; FR2738020A1; EP0835712A1; US5992329A; EP0699802A1; WO2015025092A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0466651 A1 19920115; **EP 0466651 B1 19950906**; AT E127557 T1 19950915; CA 2046940 A1 19920114; DE 69112729 D1 19951012; DE 69112729 T2 19960502; DK 0466651 T3 19960102; JP H0579003 A 19930330; US 5181472 A 19930126

DOCDB simple family (application)

EP 91810528 A 19910705; AT 91810528 T 19910705; CA 2046940 A 19910712; DE 69112729 T 19910705; DK 91810528 T 19910705; JP 26672391 A 19910715; US 72760091 A 19910709