

Title (en)

METHOD FOR GRINDING A RAIL AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM SCHLEIFEN EINER SCHIENE SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE MEULAGE D'UN RAIL ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

Publication

**EP 1301662 B1 20080213 (DE)**

Application

**EP 01984253 A 20010712**

Priority

- AT 0100233 W 20010712
- AT 12422000 A 20000717

Abstract (en)

[origin: WO0206586A1] The invention relates to a method for grinding at least the running surface of a rail (1), especially of a railway rail, by producing a relative movement between a grinding wheel (12) having a profile that mates the profile of the running surface, and a rail (1) in the longitudinal direction thereof. The aim of the invention is to avoid an overheating when large amounts of material are removed. To this end, the axis (21) of the grinding wheel (12) includes, with a plane (22) that is perpendicular to the longitudinal direction of the rail (1), an angle alpha that deviates from 0 DEG .

IPC 8 full level

**E01B 31/17** (2006.01); **B24B 27/00** (2006.01); **G11B 11/105** (2006.01)

CPC (source: EP KR US)

**E01B 31/17** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0206586 A1 20020124**; AT 411912 B 20040726; AT A12422000 A 20031215; AT E386165 T1 20080315; AU 2294702 A 20020130; CN 1296562 C 20070124; CN 1447869 A 20031008; CN 1992025 A 20070704; DE 50113600 D1 20080327; EP 1301662 A1 20030416; EP 1301662 B1 20080213; ES 2301568 T3 20080701; HU 229327 B1 20131128; HU P0301227 A2 20030828; JP 2004503699 A 20040205; KR 100851611 B1 20080812; KR 20030024789 A 20030326; PL 208718 B1 20110630; PL 365650 A1 20050110; RU 2272858 C2 20060327; US 2003143928 A1 20030731; US 6921319 B2 20050726

DOCDB simple family (application)

**AT 0100233 W 20010712**; AT 01984253 T 20010712; AT 12422000 A 20000717; AU 2294702 A 20010712; CN 01814186 A 20010712; CN 200710002367 A 20020628; DE 50113600 T 20010712; EP 01984253 A 20010712; ES 01984253 T 20010712; HU P0301227 A 20010712; JP 2002512469 A 20010712; KR 20037000772 A 20030117; PL 36565001 A 20010712; RU 2003104520 A 20010712; US 34605703 A 20030117