

Title (en)

RAIL VEHICLE WITH GUIDING DEVICE FOR THE MACHINING TOOLS

Title (de)

SCHIENENFAHRZEUG MIT VORRICHTUNG ZUR NACHFÜHRUNG DER BEARBEITUNGSWERKZEUGE

Title (fr)

VÉHICULE FERROVIAIRE AVEC DISPOSITIF DE GUIDAGE DES OUTILS D'USINAGE

Publication

**EP 2791422 B1 20170719 (DE)**

Application

**EP 12839146 A 20121210**

Priority

- AT 18142011 A 20111212
- AT 2012000310 W 20121210

Abstract (en)

[origin: WO2013086547A1] The device for rail machining according to the invention enables exact tracking of the machining tools (1) on the laid rail profile (2) in at least four degrees of freedom. As a result, it is possible to implement subsequent machining with significantly greater precision and to obtain a consistent and precise rail profile (2). For this purpose the tracking is performed in four or five and, in special cases, even six degrees of freedom and preferably also on a separate infeed axis (24) in order not to copy, but rather to correct imprecisions and irregularities on the rail (2). The device is used for the machining and/or correction of laid rail lines (2) and is fastened onto a railway vehicle (4).

IPC 8 full level

**E01B 31/12** (2006.01)

CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

**WO 2013086547 A1 20130620**; AT 512270 A1 20130615; AT 512270 B1 20140815; CN 104114769 A 20141022; CN 104114769 B 20160907; EP 2791422 A1 20141022; EP 2791422 B1 20170719

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