

Title (en)  
Device for reshaping railway rails.

Title (de)  
Vorrichtung zur Wiederprofilierung von Eisenbahnschienen.

Title (fr)  
Dispositif pour le reprofilage des rails d'une voie ferrée.

Publication  
**EP 0501183 B1 19950329 (FR)**

Application  
**EP 92101786 A 19920204**

Priority  
CH 65291 A 19910301

Abstract (en)  
[origin: EP0501183A1] It comprises a rigid frame (10), connected to the chassis of a railway vehicle by lifting means for the light running of the vehicle and at least one polishing unit (11, 12). Each polishing unit (11, 12) is installed on a support (13) in such a way that it may be displaced linearly in order to move the wheel (11) towards or away from the surface of the rail (1, 2) to be polished. The axis of the wheel (11) is located in a plane perpendicular to the longitudinal axis of the rail (1, 2) but does not intersect the latter, so that the line of contact between the wheel (11) and the surface of the rail (1, 2) is contained within a plane perpendicular to the longitudinal axis of the rail. The support (13) is installed on the frame (10) with translation means (16) enabling it to be displaced transversely in relation to the frame (10). The support (13) comprises at least one bearing roller (17) and bearing means (18), connecting this support (13) to the frame (10) and tending to press this bearing roller (17) against one of the flanks of the rail (1, 2) in the immediate vicinity of the polishing unit (11, 12). <IMAGE>

IPC 1-7  
**E01B 31/17**

IPC 8 full level  
**E01B 31/17** (2006.01)

CPC (source: EP US)  
**E01B 31/17** (2013.01 - EP US)

Cited by  
FR2703083A1; CN104662229A; FR3025228A1

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DOCDB simple family (publication)  
**EP 0501183 A1 19920902; EP 0501183 B1 19950329;** AT E120507 T1 19950415; AU 1135592 A 19920903; AU 650952 B2 19940707; CA 2061787 A1 19920902; CH 685129 A5 19950331; DE 501183 T1 19921217; DE 69201811 D1 19950504; DE 69201811 T2 19950928; ES 2033639 T1 19930401; GR 920300104 T1 19930217; JP H05106203 A 19930427; US 5265379 A 19931130; ZA 921509 B 19921028

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