

Title (en)  
RAIL PROFILE GRINDER

Title (de)  
SCHLEIFER FÜR SCHIENENPROFIL

Title (fr)  
MEULEUSE DE PROFIL DE RAILS

Publication  
**EP 2519693 B1 20150325 (FR)**

Application  
**EP 10809292 A 20101217**

Priority  
• FR 0959649 A 20091229  
• FR 2010052806 W 20101217

Abstract (en)  
[origin: WO2011080463A1] The invention relates to an automated machine for grinding track welds on a rail head (13), which comprises a portable main chassis (9) arranged so as to be placed on the track and provided with mountings (10) that describe an arc of circle which covers the head (13) perpendicular to the track, a beam (12) supported by the chassis (9) such as to rotate about the head (13) by means of mountings (10) and moving closer to or further from the centre of the arc of circle to take reference from the rail head (13) and copy the profile of the head (13) during the rotation of the beam (12), and a grinding head (23) supported by the beam (12) such as to be able to move in a first direction perpendicular to the beam (12) in order to move a grinder (32) mounted on one end of the grinder head (23) closer to or further from the centre of the arc of circle, and in a second direction parallel to the beam (12) in order to perform a sweeping movement of the grinder (32).

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN107175554A; CN111660168A; NL2023916B1

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