

Title (en)

Apparatus for profiling grinding wheels for reprofiling a rail head

Title (de)

Abbrichteinrichtung von Schleifscheiben zum Formschleifen von Schienenköpfen

Title (fr)

Dispositif pour le profilage de meules périphériques de reprofilage de champignon de rail

Publication

EP 0835960 A1 19980415 (FR)

Application

EP 97810759 A 19971009

Priority

CH 248296 A 19961011

Abstract (en)

The rail head grinding disc shaper incorporates two or more cams (6, 8), the first having a profile which corresponds to the shape of the rail head and the second to a theoretical profile for final shaping of the rail head. The grinding discs can be in one piece or in segments, and in a variant of the design the apparatus can incorporate several cams to enable the rail head to be re-ground to the required shape in stages. Each cam is mounted in a holder (9), is guided relative to a grinding disc and is pressed against the disc by a positioning cylinder (11, 12) with a movement detector.

Abstract (fr)

Le dispositif comporte au moins deux cames de profilage, la première came ayant un profil correspondant au reprofilage de la surface de roulement et d'une partie du bourrelet et la deuxième came correspondant au profil théorique pour le reprofilage définitif du champignon du rail (1). <IMAGE>

IPC 1-7

E01B 31/17

IPC 8 full level

E01B 31/17 (2006.01)

CPC (source: EP)

E01B 31/17 (2013.01)

Citation (search report)

- [A] US 5265379 A 19931130 - PANETTI ROMOLO [CH]
- [A] DE 4210710 A1 19930930 - NILES WERKZEUGMASCH GMBH [DE]

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

EP 0835960 A1 19980415

DOCDB simple family (application)

EP 97810759 A 19971009