

Title (en)

Grinding machine for localised sections of railway rail, more specifically for end-to-end weldings or other local defects.

Title (de)

Lokal anwendbare Schleifmaschine für Eisenbahnschienen, insbesondere bei Schienenstossschweissen oder anderen lokalen Fehlern.

Title (fr)

Machine pour la meulage de sections localisées d'un rail de chemin de fer, notamment des soudures d'abouts de rails ou autres défauts ponctuels.

Publication

EP 0675227 A1 19951004 (FR)

Application

EP 94105035 A 19940330

Priority

- EP 94105035 A 19940330
- AU 5927994 A 19940405
- CA 2120288 A 19940330
- US 43468395 A 19950504
- ZA 942311 A 19940331

Abstract (en)

The grinder is mounted on a carriage (2), carried by a self powered vehicle (1). During rail grinding, the vehicle is fixed, stationary relative to the rail, whilst the grinding carriage moves to and fro along the rail. The distance between carriage and vehicle is adjustable. In addition to rail joints, other localised faults can be ground. During grinding, the carriage may be connected to the vehicle by an electrical supply cable (13). The grinder may have a rotary wheel, driven by a motor and the carriage is also driven back and forth. A lifting device (36) may lift the carriage into the vehicle. There may be several, e.g. two or more, grinding carriages independent of each other, on the vehicle. <IMAGE>

Abstract (fr)

La machine comporte un véhicule automoteur (1) et au moins un chariot de meulage (2). Lors de l'opération de meulage du rail, le véhicule automoteur (1) est fixe, immobile par rapport à la voie de chemin de fer, tandis que le chariot de meulage (2) effectue des déplacements de va-et-vient le long de cette voie. La distance entre ledit chariot (2) et le véhicule (1) est ainsi variable. <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); **E01B 2203/148** (2013.01 - EP US)

Citation (search report)

- [A] FR 2206409 A1 19740607 - ELAUGEN GMBH [DE]
- [A] DE 2366515 C2 19850801
- [A] EP 0283286 A2 19880921 - ANDERSON STRATHCLYDE PLC [GB]

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EP3102443A4; AT410952B; CN102535280A; GB2412172A; GB2412172B; WO0246531A1; US9937761B2; US10946704B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0675227 A1 19951004; CA 2120288 A1 19951001; US 5525098 A 19960611; ZA 942311 B 19950116

DOCDB simple family (application)

EP 94105035 A 19940330; CA 2120288 A 19940330; US 43468395 A 19950504; ZA 942311 A 19940331