

Title (en)
Rail grinding machine

Title (de)
Schienenschleifmaschine

Title (fr)
Machine de meulage de rails

Publication
EP 0648895 B1 20000322 (DE)

Application
EP 94890151 A 19940920

Priority
AT 208393 A 19931018

Abstract (en)
[origin: EP0648895A2] A rail grinding machine (1) for grinding off irregularities on a rail-head surface (9) of a track comprises a machine frame (2), which is supported on rail running gear, and a guide frame (14) which is connected thereto via height-adjusting drives (17), is able to roll on the rail (10) via flanged rollers (15) and bears a grinding unit (18). The grinding unit (18) is equipped with a grinding belt (25) which can be pressed onto the rail-head surface (9) by a press-on member (28) and can be wound up by its ends on a supply reel and a collecting reel (26,27), respectively. The grinding unit (18) is mounted so as to be adjustable, together with the supply reel and the collecting reel (26,27), relative to the guide frame (14) horizontally and in the longitudinal direction of the machine and is connected to the guide frame (14) via a drive device (21) for an oscillating working movement which is superimposed on the advance of the machine (1). <IMAGE>

IPC 1-7
E01B 31/17

IPC 8 full level
E01B 31/12 (2006.01); **E01B 31/17** (2006.01)

CPC (source: EP US)
E01B 31/17 (2013.01 - EP US); **E01B 31/175** (2013.01 - EP US)

Cited by
CN103949943A; EP0789109A1; DE10245515A1; DE10245515B4; EP2078112B1; WO2022161853A1

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0648895 A2 19950419; EP 0648895 A3 19960522; EP 0648895 B1 20000322; AT E191031 T1 20000415; AU 672527 B2 19961003; AU 7420094 A 19950504; CA 2118296 A1 19950419; CA 2118296 C 20051108; CN 1066508 C 20010530; CN 1106486 A 19950809; CZ 251194 A3 19950614; CZ 280364 B6 19951213; DE 59409227 D1 20000427; ES 2146250 T3 20000801; FI 115657 B 20050615; FI 944872 A0 19941017; FI 944872 A 19950419; HU 215005 B 19980828; HU 9402947 D0 19950228; HU T71035 A 19951128; JP 3588374 B2 20041110; JP H07150504 A 19950613; PL 176067 B1 19990331; PL 305472 A1 19950502; RU 2085651 C1 19970727; RU 94037559 A 19960810; SK 125894 A3 19960904; SK 280432 B6 20000214; US 5567196 A 19961022

DOCDB simple family (application)
EP 94890151 A 19940920; AT 94890151 T 19940920; AU 7420094 A 19940926; CA 2118296 A 19941017; CN 94117298 A 19941017; CZ 251194 A 19941011; DE 59409227 T 19940920; ES 94890151 T 19940920; FI 944872 A 19941017; HU 9402947 A 19941013; JP 25204494 A 19941018; PL 30547294 A 19941015; RU 94037559 A 19941011; SK 125894 A 19941018; US 31656994 A 19940930