

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>

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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
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