

Title (en)

RAIL GRINDING MACHINE FOR GRINDING IRREGULARITIES OFF THE RUNNING SURFACE OF RAILS

Publication

**EP 0002177 B1 19810107 (DE)**

Application

**EP 78100962 A 19780922**

Priority

AT 851277 A 19771128

Abstract (en)

[origin: EP0002177A1] 1. Travelling track grinder for the grinding of irregularities of the track surface, the said track grinder comprising at least one grinding tool (8, 54) which is vertically and laterally adjustable by an adjusting drive (12, 13, 51, 52) relative to a machine frame (3) which is guided on the rail by travelling mechanisms (4), a measuring device (25) for limiting the grinding depth with the aid of the frame serving as a reference, a control device (26, 62) which is associated with the adjusting drive (12, 13, 51, 52) and a second measuring device (24) for determining and in particular indicating, even during the grinding operation, the distance between a reference surface and a reference base (17) which determines the intended direction of the track surface and which is connected to a monitoring device, characterized in that the second measuring device (24) is associated with the grinding tool (8, 54) and is connected to the control device (26, 62) for controlling the adjusting drive (12, 13, 51, 52) and to the control unit (32, 66), and that the reference surface for determining the distance is the grinding surface (23, 60, 72) of the grinding tool (8, 54).

IPC 1-7

**E01B 31/17**; B24B 7/10

IPC 8 full level

**E01B 31/17** (2006.01)

CPC (source: EP)

**E01B 31/17** (2013.01)

Cited by

CN102966014A; CN110344293A; EP0125348A1; CN111778789A; CN113445375A; CN117066471A

Designated contracting state (EPC)

BE CH DE FR GB NL SE

DOCDB simple family (publication)

**EP 0002177 A1 19790613**; **EP 0002177 B1 19810107**; AT 359108 B 19801027; AT A851277 A 19800315; DE 2860428 D1 19810226

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**EP 78100962 A 19780922**; AT 851277 A 19771128; DE 2860428 T 19780922