

Title (en)

RAIL HEAD GRINDING MACHINE FOR RAILWAY CONSTRUCTION

Publication

EP 0032214 B1 19840215 (FR)

Application

EP 80107898 A 19801214

Priority

CH 12380 A 19800109

Abstract (en)

[origin: CA1152746A] Machine provided with two grinding slippers, one for each rail of a railway track, connected by a lifting jack and by driving beams to its rolling frame. On each slipper are mounted four grinding units angularly displaced with respect to each other. The slippers are located in front of one another in the transverse direction of the track and are hinged on a connecting element in order to be inclined by means of a double-acting jack. The inclination of each slipper is monitored by a potentiometer connected to an indicating dial. This machine enables truing of the rail by grinding the whole profile of the rolling surface of the rails by varying the inclination of the grinding slippers at each pass.

IPC 1-7

E01B 31/17

IPC 8 full level

E01B 31/17 (2006.01)

CPC (source: EP US)

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Citation (examination)

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Cited by

US4622781A; EP0125348A1; CN106868963A; US4490947A; AT374848B; EP0145919A1; US4596092A

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EP 0032214 A1 19810722; EP 0032214 B1 19840215; AT E6277 T1 19840315; AU 539522 B2 19841004; AU 6524480 A 19810716; CA 1152746 A 19830830; CH 633336 A5 19821130; DE 3066657 D1 19840322; JP S56100902 A 19810813; JP S612121 B2 19860122; US 4843765 A 19890704; US 4878318 A 19891107; ZA 808032 B 19820127

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EP 80107898 A 19801214; AT 80107898 T 19801214; AU 6524480 A 19801210; CA 366919 A 19801216; CH 12380 A 19800109; DE 3066657 T 19801214; JP 18058080 A 19801222; US 21468680 A 19801209; US 30866489 A 19890210; ZA 808032 A 19801223