

Title (en)
GRINDING MACHINE FOR RECTIFYING A RAIL OF A RAILROAD TRACK

Publication
EP 0044964 B1 19840215 (FR)

Application
EP 81105139 A 19810702

Priority
CH 533180 A 19800723

Abstract (en)
[origin: US4492059A] A grinding device for the reprofiling of a rail of a railway track, comprises at least one grinding unit having a conical grinding wheel rotatably driven by a motor. The motor is secured to a bracket connecting it rigidly to the chamber of a jack whose piston is secured to a rod fixed on the carriage of a railroad vehicle. The jack makes it possible to cause feeding movement of the grinding wheel along a direction parallel to the side profile of the grinding wheel and defining the cutting depth and compensating for wearing away of the grinding wheel. This feeding movement of the grinding wheel takes place along a direction forming an angle with the axis of rotation of the conical grinding wheel, this angle being about half the summit angle of the conical grinding wheel.

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E01B 31/17

IPC 8 full level
E01B 31/17 (2006.01)

CPC (source: EP US)
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Citation (examination)
EP 0031480 A1 19810708 - SPENO INTERNATIONAL [CH]

Cited by
EP0148089A3; FR2557488A1; CN105463960A

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
US 4492059 A 19850108; AT E6278 T1 19840315; AU 542549 B2 19850228; AU 7330381 A 19820128; CA 1167647 A 19840522; CH 626673 A5 19811130; DE 3162282 D1 19840322; EP 0044964 A1 19820203; EP 0044964 B1 19840215; JP H0133603 B2 19890714; JP S5751303 A 19820326; ZA 814616 B 19820728

DOCDB simple family (application)
US 56026283 A 19831212; AT 81105139 T 19810702; AU 7330381 A 19810722; CA 382287 A 19810722; CH 533180 A 19800723; DE 3162282 T 19810702; EP 81105139 A 19810702; JP 11451781 A 19810723; ZA 814616 A 19810708