

Title (en)
Control device for rail grinding machine

Title (de)
Steuervorrichtung für eine Schienenschleifmaschine

Title (fr)
Dispositif de commande d'une machine de meulage

Publication
EP 1193345 A1 20020403 (EN)

Application
EP 01402518 A 20010928

Priority
FR 0012448 A 20000929

Abstract (en)
The grinding machine, consisting of a grinding wheel (1) on a carrier (2) that can be moved in a supporting frame between positions in contact with or separated from a workpiece such as a rail (6), has a grinding wheel position monitor incorporating a spark detector and light sensor, with signals transmitted between them via an optical fibre. The position monitor has a duct in the form of a tapering channel through a block, preferably of aluminum, and a transparent window.

IPC 1-7
E01B 31/17; **B24B 49/12**

IPC 8 full level
B24B 49/12 (2006.01); **E01B 31/17** (2006.01)

CPC (source: EP)
B24B 49/12 (2013.01); **E01B 31/17** (2013.01)

Citation (search report)

- [DA] EP 0593361 A1 19940420 - GEISMAR ANCIEN ETS L [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 478 (M - 775) 14 December 1988 (1988-12-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 258 (M - 1264) 11 June 1992 (1992-06-11)

Cited by
CN110587232A; CN113696025A; CN103518020A; CN101966690A; CN116551545A; WO2012146540A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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