

Title (en)

CONTACT WIRE INSPECTION WITH SEPARATE POSITION DETERMINATION

Title (de)

FAHRDRAHTINSPEKTION MIT GESONDERTER LAGEBESTIMMUNG

Title (fr)

INSPECTION DE FILS DE CONTACT AVEC DETERMINATION SEPAREE DE POSITION

Publication

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Application

EP 02727199 A 20020308

Priority

- DE 0200840 W 20020308
- DE 10114575 A 20010324

Abstract (en)

[origin: WO02077569A1] The invention relates to a device for determining the residual thickness of at least one circular contact wire (4) comprising a position determination unit (2) for determining the position of the or each contact wire (4), said unit being coupled to a residual-thickness determination unit (7). Tracking means of the residual-thickness determination unit (7) are impinged by output signals corresponding to the position of the or each contact wire (4). The tracking means allow an image recording field (8) of the residual-thickness determination unit (7) to track the current position of the or each contact wire (4), in such a way that the width of a worn surface, caused by erosion on the underside of the or each contact wire (4) and the residual thickness resulting therefrom can be determined, the geometry of each contact wire being known.

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G01B 11/10; **B60M 1/28**

IPC 8 full level

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CPC (source: EP)

B60M 1/28 (2013.01); **G01B 11/105** (2013.01)

Citation (search report)

See references of WO 02077569A1

Citation (examination)

- WO 0221076 A1 20020314 - SIEMENS AG [DE]
- JP H07120227 A 19950512 - RAILWAY TECHNICAL RES INST, et al
- JP H09101114 A 19970415 - HITACHI ELECTRONICS

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