

Title (en)

Circuit for monitoring the occupancy of points or of a track section

Title (de)

Schaltungsanordnung zur Überwachung des Belegungszustandes einer Weiche oder eines Gleisbereichs

Title (fr)

Circuit pour surveiller l'occupation d'un aiguillage ou d'une section de voie

Publication

**EP 1746009 A3 20070919 (DE)**

Application

**EP 06117123 A 20060713**

Priority

DE 102005034641 A 20050720

Abstract (en)

[origin: EP1746009A2] The arrangement has a controller (4) controlling a frequency generator (5), whose output signal is output in a track circuit (1) by a power amplifier (6). The generator generates a control signal that is directed to a control signal of a synchronous rectifier (8) by an exclusive-or gate (7). The controller has an evaluation or comparison unit for evaluation or comparison of sum values of inverted and non-inverted correlation signals. A signal output of the synchronous rectifier is combined with a signal that is output from the track circuit.

IPC 8 full level

**B61L 1/18** (2006.01)

CPC (source: EP)

**B61L 1/187** (2013.01)

Citation (search report)

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- [YA] DE 3333298 A1 19850411 - STANDARD ELEKTRIK LORENZ AG [DE]
- [A] WO 2004071839 A1 20040826 - GEN ELECTRIC [US], et al
- [A] DE 2623967 A1 19771208 - STANDARD ELEKTRIK LORENZ AG
- [A] EP 0470416 A2 19920212 - SEL ALCATEL AG [DE]
- [A] BAERTSCHI T ET AL: "DER TIEFFREQUENTE GLEISSTROMKREIS UGSK 95", SIGNAL + DRAHT, TELZLAFF VERLAG GMBH. DARMSTADT, DE, vol. 88, no. 11, November 1996 (1996-11-01), pages 11 - 14, XP000779915, ISSN: 0037-4997

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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 06117123 A 20060713**; AT 06117123 T 20060713; DE 102005034641 A 20050720; DE 502006003864 T 20060713