

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 1746008 B1 20090603 (DE)**

Application

**EP 06117115 A 20060713**

Priority

DE 102005034640 A 20050720

Abstract (en)

[origin: EP1746008A2] The arrangement has a controller (4) charging a frequency generator (5), whose output signal is coupled to a track circuit (1) by an output stage. The generator generates two control signals, where one of the signals is offset to the other signal around 90 degrees. The control signals are guided to control inputs of respective synchronous rectifiers (7, 7.1), where one rectifier is connected to the controller by a low-pass filter. Signal inputs of the rectifiers are connected with the signal generated by the track circuit.

IPC 8 full level

**B61L 1/18** (2006.01)

CPC (source: EP)

**B61L 1/187** (2013.01)

Cited by

CN101830239A

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DOCDB simple family (publication)

**EP 1746008 A2 20070124; EP 1746008 A3 20070919; EP 1746008 B1 20090603**; AT E432859 T1 20090615; DE 102005034640 A1 20070215; DE 102005034640 B4 20070503; DE 502006003863 D1 20090716

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