Title (en)

Method for detecting obstacles on railway track sections

Title (de)

Verfahren zum Erkennen von Hindernissen auf Bahnstrecken

Title (fr)

Procédé pour détecter des obstacles sur des sections de voie de chemin de fer

Publication

EP 1106470 B2 20081015 (DE)

Application

EP 00440305 A 20001122

Priority

DE 19958634 A 19991204

Abstract (en)

[origin: CA2327090A1] A method is disclosed for detecting obstacles on railroad lines (1). The method is characterized in that sensors (2, 3) for observing the railroad line (1) are arranged along the railroad line (1), and that automatic evaluation takes place. One advantage of the invention is that that the railroad lines (1) are divided into given, known line sections, each of which is monitored by a respective sensor (2, 3), whereby the evaluation process is simplified. If the sensors (2, 3) are designed as video cameras, for example, a comparison with still images may suffice for the evaluation. Furthermore, as the line sections are known, a simple masking technique can be used. Obstacles outside a set route to be monitored are masked out using suitable masks.

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102010023559A1; CN109147388A; EP4389558A1; EP3275764A1; EP4389560A1; FR3004574A1; FR3052732A1; US10220861B2; WO2009135840A1; WO2011154347A3; WO2014170592A1; WO2013121344A3; WO2011154347A2

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