

Title (en)

System and method for localizing objects on a railway track

Title (de)

Vorrichtung und Verfahren zur Ortung von Objekten auf einem Eisenbahngleis

Title (fr)

Système et méthode pour déterminer la position d'objets sur une voie ferrée

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Application

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Abstract (en)

[origin: WO2011162605A2] The invention relates to a system for localizing objects on a railway track, comprising: - at least two sensors which are arranged in the vicinity of the railway track and each cover a separate detection area of the railway track; - a control unit which is connected to each of the sensors and receives an identifiable warning signal from the individual sensors when they detect an object in their detection area of the railway track; - wherein the successive sensors measure and transmit the same quantity to the control unit as warning signal; - wherein the control unit generates an alarm if the measurement data detected by the successive sensors comply with a predetermined condition; and - wherein the sensors are distance sensors and, in the case a distance reduction is detected by at least two successive sensors, the control unit assumes that there is an object on the railway track. The invention further relates to a method for applying such a system.

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