

Title (en)

A SAFETY DEVICE FOR THE SURVEILLANCE ALONG A RAILWAY ROUTE OF THE CROSSING AREAS FOR PEDESTRIANS AND VEHICLES IN CORRESPONDENCE OF LEVEL CROSSINGS OR RISK ZONES

Title (de)

SICHERHEITSVORRICHTUNG ZUR ÜBERWACHUNG DER KREUZUNGSBEREICHE FÜR FUSSGÄNGER UND FAHRZEUGE EINER EISENBAHNSTRECKE JE NACH KREUZUNG ODER GEFAHRENZONE

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR LA SURVEILLANCE LE LONG D'UNE LIGNE DE CHEMIN DE FER DES ZONES DE CROISEMENT POUR PIÉTONS ET VÉHICULES EN FONCTION DE PASSAGES À NIVEAU OU DE ZONES À RISQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011148394A1] The present invention concerns a safety device for monitoring a crossing point (2) of a railway line. In particular, the device comprises one, or preferably a plurality of, sentinel apparatus (3) to be installed along the course made by the train (1) in correspondence of the crossing points (2). Each sentinel apparatus (3) is provided with an image acquisition device (5) and transmission means (6) of the images acquired. A receiving device (10) can be installed on the train and is configured in such a way as to acquire the images (5) sent by the transmission means (6) and see them on a screen. The screen, through a plurality of reception channels, is set on a particular reception frequency when it enters into the range of action of a sentinel apparatus 3. The range of action is defined by a pre-established activation distance, so that, once reached the said activation distance, the engine driver can see on the screen the images received relative to the crossing point. Likewise, once reached a second de-activation point, the reception is interrupted.

IPC 8 full level

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