

Title (en)

MONITORING THE ELECTRICAL SIGNAL BETWEEN AN ETCS LINESIDE ELECTRICAL UNIT AND ITS TRACKSIDE BALISE IN A RAILWAY ENVIRONMENT

Title (de)

ÜBERWACHUNG DES ELEKTRISCHEN SIGNALS ZWISCHEN EINER LEITUNGSSEITIGEN ETCS-ELEKTROEINHEIT UND IHRER STRECKENSEITIGEN BALISE IN EINER EISENBAHNUMGEBUNG

Title (fr)

SURVEILLANCE DU SIGNAL ÉLECTRIQUE ENTRE UNE UNITÉ ÉLECTRIQUE CÔTÉ LIGNE ETCS ET SA BALISE CÔTÉ VOIE DANS UN ENVIRONNEMENT FERROVIAIRE

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Application

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Abstract (en)

[origin: EP4105099A1] Monitoring the Electrical Signal between an ETCS Lineside Electrical Unit and its trackside balise in a railway environmentThe present invention relates the monitoring an electrical signal (10) in a cable (90) between an electric unit (91) and a balise (92) in a railway installation (9). The forward signal (11) and the reverse signal (12) of the electrical signal (10) are copied, and their copies (21, 22) are analyzed to determine a process output (55) based on the telegram signal (111) of the forward signal (11), and/or the sinusoidal signal (116) of the forward signal (11), and/or the telegram signal (121) of the reverse signal (12), and/or the sinusoidal signal (126) of the reverse signal (12).

IPC 8 full level

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