Title (en)

METHOD FOR MEASURING THE SPEED OF A RAIL VEHICLE AND INSTALLATION THEREFOR

Title (de)

GESCHWINDIGKEITSMESSVERFAHREN FÜR SCHIENENFAHRZEUG UND EINRICHTUNG DAZU

Title (fr)

PROCEDE DE MESURE DE LA VITESSE D'UN VEHICULE SUR RAILS ET INSTALLATION DESTINEE A CET EFFET

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1048545A1] The procedure provides a method of measuring the speed of a railway vehicle, the vehicle having an aerial and travelling on rails which are divided into sections. The sections are separated by electrical joints, each joint being formed by two tuned blocks (TU.F1, TU.F3), with the predetermined section being situated between them. Each of the tuned blocks allows a coupling of energy to adjacent sections of track. It is possible to detect at least two discontinuities in current or in voltage for the signal read from the aerial within the vehicle, as it passes through the first second tuned block regions (TU.F1, TU.F3), enabling the measurement of the speed of the vehicle as it moves through the section.

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