

Title (en)

A METHOD AND AN ARRANGEMENT FOR DETERMINING THE SPEED OF A RAIL VEHICLE

Title (de)

VERFAHREN UND ANORDNUNG ZUR BESTIMMUNG DER GESCHWINDIGKEIT EINES SCHIENENFAHRZEUGS

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE DÉTERMINER LA VITESSE D'UN VÉHICULE FERROVIAIRE

Publication

EP 3378726 A1 20180926 (EN)

Application

EP 17162797 A 20170324

Priority

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Abstract (en)

An arrangement for determining the speed of a rail vehicle (2) moving along a track (3) with rails (4, 5) resting on sleepers (6) mutually separated by a distance (d) known comprises a sensor (7) sensing vertical oscillations of the vehicle. A processing member (10) is treating measuring signals obtained by the sensor for determining the frequency of oscillations therein emanating from passages of sleepers by a wheel set (20) of the vehicle. A calculating unit (11) multiplies the frequency determined by the processing member by the distance (d) between adjacent sleepers for determining the speed of the vehicle.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAI] EP 1197419 A1 20020417 - SIEMENS SGP VERKEHRSTECH GMBH [AT]
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Cited by

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