

Title (en)

DEVICE AND METHOD FOR MEASURING THE MOTION SPEED OF MOVED ELECTRICALLY CONDUCTING SUBSTANCES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MESSUNG DER BEWEGUNGSGESCHWINDIGKEIT BEWEGTER ELEKTRISCH LEITFÄHIGER SUBSTANZEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MESURE DE LA VITESSE DE DÉPLACEMENT DE SUBSTANCES MOBILES ÉLECTRIQUEMENT CONDUCTRICES

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Application

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Abstract (en)

[origin: WO2011015469A1] 1. Device and method for measuring the flow rate of moved electrically conducting substances. 2.1 The aim of the present invention is to provide a device and a method for measuring the motion speed of moved electrically conducting substance, which eliminate the dependency of the measurement signal of a Lorentz force anemometer on electric conductivity. 2.2 This task is solved by arranging at least two Lorentz force anemometers one after the other and by comparing the force signals measured thereby. 2.3 The present invention may be applied especially in the field of metallurgy.

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