

Title (en)

METHOD AND DEVICE FOR MEASURING THE THICKNESS OF AN INSULATING COATING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONTINUIERLICHEN MESSEN VON DICKEN ISOLIERENDER SCHICHTEN

Title (fr)

PROCEDE ET DISPOSITIF DE MESURE EN CONTINU D'EPAISSEUR DE REVETEMENT ISOLANT

Publication

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Application

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Abstract (en)

[origin: FR2752294A1] During the application of a roll coating on a metal substrate, using double contactless measuring sensors (1, 3), inductive, and for instance optical or capacitive, the method consists in effecting, before application, at least a double distance measurement over a strip zone not yet coated, then, effecting, after application, at least another double distance measurement over approximately the same zone already coated, and the thickness of the applied coating is deduced from the double measurements before application and after application. The invention is applicable to the measurement of thickness, on ferromagnetic substrates, of non solidified coatings, in particular liquid or pasty and to the adjustment of thickness in installations with corresponding coatings.

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