

Title (en)

COMPONENT PROTECTED AGAINST CORROSION AND METHOD FOR THE PRODUCTION THEREOF AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

KORROSIONSGESCHÜTZTES BAUTEIL UND VERFAHREN ZU SEINER HERSTELLUNG UND EINRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

COMPOSANT PROTEGE DE LA CORROSION, PROCEDE POUR LE REALISER, ET DISPOSITIF POUR METTRE EN OEUVRE LE PROCEDE

Publication

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Application

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Abstract (en)

[origin: WO2004024976A1] The invention relates to a component, preferably a connecting element, which is protected against corrosion, comprising a base body made of steel material or light metal material and a corrosion-inhibiting surface layer. The surface layer consists of at least one layer made of aluminium or an aluminium alloy or component which is, on average, 1-50 mm thick, preferably 10-25 mm thick, having a tight, fine-grained, substantially porous structure which is produced by means of a plasma-supported evaporating coating method.

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