

Title (en)  
PROCESS FOR PRODUCING CERAMIC LAYER BY PLASMA ENHANCED ELECTROLYSIS AND PRODUCT THEREOF

Title (de)  
HERSTELLUNG EINER KERAMISCHEN SCHICHT MIT PLASMAUNTERSTÜTZTER ELEKTROLYSE UND SO HERGESTELLTES PRODUKT

Title (fr)  
PROCEDE DE FABRICATION D'UNE COUCHE DE CERAMIQUE AU MOYEN D'UNE ELECTROLYSE AMPLIFIEE AU PLASMA ET PRODUIT OBTENU

Publication  
**EP 0823496 A1 19980211 (EN)**

Application  
**EP 95930367 A 19950911**

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• CN 95114880 A 19950418

Abstract (en)  
There are disclosed a process of producing ceramic layer on surface of metallic substrate and product made thereby. In said process, the surface of metallic substrate made as anode in an electrolyte solution discharges in form of plasma-arc with the help of electrical energy and is thus anodized, thereby the product of electrolytic reaction is sintered on the metallic substrate surface, forming a film having ceramic structure.

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