

Title (en)  
ELECTRODE FOR CONDUCTING ELECTROLYSIS IN ACID MEDIA

Title (de)  
ELEKTRODEN FÜR DIE ELEKTROLYSE IN SAUREN MEDIEN

Title (fr)  
ELECTRODE POUR ELECTROLYSE DANS DES MILIEUX ACIDES

Publication  
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Application  
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Abstract (en)  
[origin: WO03056065A2] The invention relates to an electrode containing at least one electrically conductive support, which is made of a titanium-palladium alloy, titanium, tantalum or compounds or alloys of titanium or tantalum, an electrochemically active coating and an intermediate layer situated between the support and the electrochemically active coating. The intermediate layer is made of titanium carbide and/or titanium boride and is applied to the support by flame spraying or plasma spraying. The invention also relates to a method for producing this electrode and to its use in an electrochemical cell for producing chlorine or chromic acid.

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