

Title (en)

A PROCEDURE FOR ELECTROCHEMICAL POLISHING OF AN ALUMINIUM SUBSTRATE TO OBTAIN CERTAIN TOPOGRAPHICAL PROPERTIES THEREOF

Title (de)

EIN VERFAHREN ZUM ELEKTROCHEMISCHEN POLIEREN EINES ALUMINIUMSUBSTRATES ZUM ERREICHEN BESTIMMTER TOPOGRAPHISCHEN EIGENSCHAFTEN

Title (fr)

TECHNIQUE DE POLISSAGE D'UN SUBSTRAT EN ALUMINIUM AUX FINS DE L'OBTENTION DE CERTAINES CARACTERISTIQUES TOPOGRAPHIQUES

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Abstract (en)

[origin: WO9913133A1] The present invention concerns the removal/reduction of the directionality or anisotropy of a surface and the formation of certain topographical properties of the same on a substrate material consisting of aluminium or an aluminium alloy. The procedure comprises the following process stages: chemical etching, preferably using phosphoric acid, and electrochemical polishing, preferably using phosphoric acid. The present invention has made it possible to produce surfaces with good optical qualities on substrate materials of inexpensive Al alloys which may contain recycled aluminium.

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