

Title (en)

PRODUCTION METHOD FOR A MULTI-LAYER ELEMENT COMPRISING A PROTECTIVE COATING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MEHRSCICHTIGEN ELEMENTS MIT SCHUTZSCHICHT

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ÉLÉMENT MULTICOUCHE PRÉSENTANT UN REVÊTEMENT PROTECTEUR

Publication

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Application

EP 14715375 A 20140317

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Abstract (en)

[origin: WO2014170570A1] A method for producing an element comprising a multilayer architecture of which the layers comprise primary channels on the upper faces thereof, said method comprising the following successive steps: (a) producing secondary channels (2) on the lower faces of each layer, each secondary channel (2) being intended to face a primary channel of the adjacent lower layer within the architecture, (b) depositing a coating protecting against oxidation at a temperature of between 500 and 1000 °C and against corrosion on all of the lower and upper surfaces of the layers, (c) mechanically sanding or etching the surfaces that are to be assembled, and (d) assembling the various layers by stacking in such a way that each secondary channel (2) of a lower face of an upper layer is facing and is centred on a primary channel (1) of the adjacent lower layer, the width of each secondary channel (2) being greater than the width of the primary channel (1) that it is facing within the architecture.

IPC 8 full level

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