

Title (en)  
COMPOSITE MATERIAL, COMPOSITE MATERIAL PRODUCT, METHODS FOR PRODUCING SAID COMPOSITE MATERIAL AND COMPOSITE MATERIAL PRODUCT, AND USES THEREFOR

Title (de)  
VERBUNDWERKSTOFF, VERBUNDWERKSTOFFPRODUKT, VERFAHREN ZU DEREN HERSTELLUNG UND VERWENDUNGEN DAFÜR

Title (fr)  
MATÉRIAU COMPOSITE, PRODUIT EN MATÉRIAU COMPOSITE, PROCÉDÉ DE PRODUCTION ET UTILISATION

Publication  
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Application  
**EP 15794835 A 20151026**

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Abstract (en)  
[origin: WO2016074915A1] The invention relates to a method for producing a composite material (16, 40, 42, 44, 46), wherein an aluminum coating (4, 52) is bonded to a metal substrate (6, 50) by plating, adhesive bonding, and/or planar soldering and wherein the aluminum coating (4, 52) bonded to the metal substrate (6, 50) is anodized. The invention further relates to a composite material (16, 40, 42, 44, 46) having a metal substrate (6, 50) and an aluminum coating (4, 52), which is bonded to the metal substrate (6, 50) by plating, adhesive bonding, and/or planar soldering and is anodized after the bonding. The invention further relates to a composite material product, in particular in the form of a structural element and/or lining element, composed of the previously described composite material (16, 40, 42, 44, 46) and to uses for the composite material (16, 40, 42, 44, 46) or the composite material product.

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