

Title (en)

PLASTIC FIBER COMPOSITE MATERIAL/ALUMINUM LAMINATE, PRODUCTION AND USE THEREOF

Title (de)

KUNSTSTOFFFASERVERBUNDWERKSTOFF-ALUMINIUM-LAMINAT SOWIE HERSTELLUNG UND VERWENDUNG

Title (fr)

STRATIFIÉ ALUMINIUM-MATÉRIAU COMPOSITE RENFORCÉ PAR DES FIBRES SYNTHÉTIQUES AINSI QUE FABRICATION ET UTILISATION DUDIT STRATIFIÉ

Publication

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Application

**EP 18759847 A 20180816**

Priority

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- DE 2018100717 W 20180816

Abstract (en)

[origin: WO2019034211A1] The invention relates to a plastic fiber composite material/aluminum laminate having: at least one flat element made of aluminum and/or an aluminum alloy and a plastic fiber composite material comprising a matrix material which has a temporarily flowable and then hardened state initially or at least under a temperature effect, wherein the flat element and the plastic fiber composite material have at least one common composite surface and are connected together via said common composite surface, the at least one flat element has etched anchoring structures at least on all of the composite surfaces with the plastic fiber composite material, the anchoring structures have steps and undercuts, and the anchoring structures are filled and/or enclosed by the matrix material of the plastic fiber composite material. The invention further relates to the use of the plastic fiber composite material/aluminum laminate according to the invention and to a method for producing the plastic fiber composite material/aluminum laminate.

IPC 8 full level

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Citation (search report)

See references of WO 2019034211A1

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