Title (en)

MALLEABLE, HIGH MECHANICAL STRENGTH ALUMINUM ALLOY WHICH CAN BE ANODIZED IN A DECORATIVE MANNER, METHOD FOR PRODUCING THE SAME AND ALUMINUM PRODUCT BASED ON SAID ALLOY

Title (de)

DEKORATIV ANODISIERBARE, GUT VERFORMBARE, MECHANISCH HOCH BELASTBARE ALUMINIUMLEGIERUNG, VERFAHREN ZU DEREN HERSTELLUNG UND ALUMINIUMPRODUKT AUS DIESER LEGIERUNG

Title (fr)

ALLIAGE D'ALUMINIUM A HAUTE SOLLICITATION MECANIQUE, A BONNE DEFORMABILITE, ANODISABLE A DES FINS DECORATIVES, PROCEDE DE PRODUCTION CORRESPONDANT ET PRODUIT EN ALUMINIUM A BASE DUDIT ALLIAGE

Publication

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Application

**EP 05759604 A 20050430**

Priority

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Abstract (en)

[origin: WO2005108633A2] The invention relates to a malleable, high mechanical strength aluminum alloy of the AlMgSi type which can be anodized in a decorative manner, to a semifinished product produced from said alloy, in the shape of strips, sheets or extruded profiles, and to a structural component produced from the above semifinished products, especially a reshaped component that has been anodized in a decorative manner. The invention also relates to a method for producing an aluminum alloy component of the above type. Said aluminum alloy has good malleability, achieved by weight percentages of strontium in the alloy and defined weight ratios of silicon to magnesium and iron to strontium.

IPC 8 full level

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CPC (source: EP KR US)

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