

Title (en)

EXTRUDED PRODUCT OF ALLOY 6XXX SUITABLE FOR FREE-CUTTING AND WITH A LOW ROUGHNESS AFTER ANODIZING

Title (de)

EXTRUDIERTES PRODUKT AUS 6XXX-LEGIERUNG, DAS ZUM FREISCHNEDEN GEEIGNET IST UND NACH DER ANODISIERUNG EINE GERINGE RAUHEIT AUFWEIST

Title (fr)

PRODUIT FILÉ EN ALLIAGE 6XXX APTE AU DÉCOLLETAGE ET PRÉSENTANT UNE FAIBLE RUGOSITÉ APRÈS ANODISATION

Publication

**EP 3122912 A2 20170201 (FR)**

Application

**EP 15711658 A 20150320**

Priority

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- EP 2015000614 W 20150320

Abstract (en)

[origin: CA2942426A1] The invention relates to extruded products suitable for turning, made from aluminium alloy with a composition (in weight %) of: 0.4 - 0.8 Si; 0.8 - 1.2 Mg; 0.20 - 0.4 Cu; 0.05 - 0.4 Fe; Mn = 0.10; Ti < 0.15; Cr = 0.10; Bi = 0.8; Pb = 0.4; other elements < 0.05 each and < 0.15 remainder being aluminium, characterised in that the granular structure thereof is essentially recrystallised. The invention also relates to the method for the production of said products. The invention further relates to anodised turned mechanical parts obtained from extruded products according to the invention and to the production method thereof. The products of the invention are particularly suitable for the production of brake pistons and gearbox elements.

IPC 8 full level

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