

Title (en)

FREE-MACHINING AA 6XXX ALUMINUM ALLOY

Title (de)

AUTOMATEN-ALUMINIUM-AA 6XXX LEGIERUNG

Title (fr)

ALLIAGE D'ALUMINIUM DE DÉCOLLETAGE DE LA SÉRIE AA 6XXX

Publication

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Application

EP 10716375 A 20100326

Priority

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Abstract (en)

[origin: WO2010112698A1] The subject of the invention is an extruded product, of the bar or rod or tube type, with very good precision-turning properties, made of a wrought precision-turning aluminium alloy of the following composition: 0.8 < Si < 1.5%, preferably 1.0 = Si < 1.5%; 1.0 < Fe < 1.8%, preferably 1.0 < Fe = 1.5%; Cu: < 0.1%; Mn: < 1%, preferably < 0.6%; Mg: 0.6 - 1.2%, preferably 0.6 - 0.9%; Ni: < 3.0%, preferably 1.0 - 2.0%; Cr: < 0.25%; Ti: < 0.1%; other elements < 0.05% each and 0.15% in total; and the balance aluminium. The subject of the invention is also a precision-turned part obtained from the extruded product as defined above.

IPC 8 full level

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