

Title (en)
USE OF PIPES MADE FROM AL/ZN/MG/CU ALLOYS WITH IMPROVED COMPROMISE BETWEEN STATIC MECHANICAL PROPERTIES AND TOLERANCE TO DAMAGE

Title (de)
VERWENDUNG VON ROHREN AUS AL/ZN/MG/CU-LEGIERUNGEN MIT VERBESSERTEM KOMPROMISS ZWISCHEN STATISCHEN MECHANISCHEN EIGENSCHAFTEN UND SCHADENSTOLERANZ

Title (fr)
UTILISATION DE TUBES EN ALLIAGES AL-ZN-MG-CU AYANT UN COMPROMIS AMELIORE ENTRE DES CARACTERISTIQUES MECANQUES STATIQUES ET LA TOLERANCE AUX DOMMAGES

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Application
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• US 48074303 P 20030624

Abstract (en)
[origin: WO2005001149A2] The invention relates to a drawn, laminated or forged aluminium alloy product, characterised in comprising (in mass %): Zn 6.7 7.5 %, Cu 2.0 2.8 %, Mg 1.6 2.2 one or several elements selected from the group Zr 0.08 0.20 %, Cr 0.05 0.25 %, Sc 0.01 0.50%, Hf 0.05 0.20 %, V 0.02 0.20%, Fe +Si < 0.20%, other elements = 0.05 % each and = 0.15 % in total, the residue being aluminium. Said product has an improved compromise between static mechanical resistance and tolerance to damage.

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