

Title (en)

IMPROVED THICK WROUGHT 7XXX ALUMINUM ALLOYS, AND METHODS FOR MAKING THE SAME

Title (de)

VERBESSERTE DICKE KNETLEGIERUNGEN AUS 7XXX-ALUMINIUM UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ALLIAGES D'ALUMINIUM DE SÉRIE 7XXX CORROYÉS ÉPAIS AMÉLIORÉS ET PROCÉDÉS DE PRODUCTION CORRESPONDANTS

Publication

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Application

**EP 16793338 A 20160509**

Priority

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Abstract (en)

[origin: WO2016183030A1] Improved wrought 7xxx aluminum alloy products are disclosed. The improved wrought 7xxx aluminum alloy products generally include 6.0 - 10.0 wt. % Zn, 1.4 - 2.2 wt. % Mg, 1.3 - 2.5 wt. % Cu and 0.080 - 0.250 wt. % Cr. The improved wrought 7xxx aluminum alloy products generally have a thickness of from 3.0 inches to 12 inches, and realize an improved combination of properties, such an improved combination of crack deviation resistance, strength, fracture toughness and corrosion resistance.

IPC 8 full level

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