

Title (en)
MANUFACTURING PROCESS TO PRODUCE LITHO SHEET

Title (de)
FERTIGUNGSVERFAHREN ZUR HERSTELLUNG EINER LITHOGRAPHISCHEN DRUCKPLATTE

Title (fr)
PROCESSUS DE FABRICATION DE FEUILLE LITHOGRAPHIQUE

Publication
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Application
EP 07759824 A 20070330

Priority
• US 2007065635 W 20070330
• US 78782606 P 20060331

Abstract (en)
[origin: WO2007115167A2] The present invention provides an aluminum alloy for lithographic sheet including about 0.05 wt % to about 0.25 wt % Si; about 0.25 wt % to about 0.4 wt % Fe; less than or equal to about 0.04 wt % Cu; less than or equal to about 0.25 wt % Mn; 0.31 wt % to 0.35 wt % Mg; less than or equal to about 0.03 wt % Zn; less than or equal to about 0.03 wt % Ti; and incidental impurities. Another aspect of the invention is a method of processing a lithographic sheet including the steps of providing an aluminum sheet; contacting the aluminum sheet with an electrolyte bath; and applying a current having a non-sinusoidal wave form with a constant peak voltage to said electrolyte bath.

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Citation (opposition)
Opponent : Hydro Aluminium Rolled Products GmbH
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• US 60787826 P
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• ENGLISCHE ZUSAMMENFASSUNG UND MASCHINENÜBERSETZUNG DER D4
• "ASM Specialty Handbook: Aluminum and Aluminum Alloys", ASM INTERNATIONAL, 1993, pages 33, 41 - 46, XP055294455

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