

Title (en)

HIGH HARDNESS ALUMINIUM MOULDING PLATE AND METHOD FOR PRODUCING SAID PLATE

Title (de)

ALUMINIUMFORMPLATTE MIT HOHER HÄRTE UND VERFAHREN ZUR HERSTELLUNG DIESER PLATTE

Title (fr)

PLAQUE DE MOULAGE D'ALUMINIUM DE HAUTE DURETE ET PROCEDE DE PRODUCTION DE LA PLAQUE

Publication

**EP 1802782 B1 20080319 (EN)**

Application

**EP 05805867 A 20051004**

Priority

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- EP 05805867 A 20051004

Abstract (en)

[origin: US2006070686A1] Moulding plate of an aluminium wrought alloy including, in weight percent: Si 1.4-2.1, Mn 0.8-1.2, Cu 0.45-0.9, Mg 0.7-1.2, Ti <0.15, Zn <0.4, Fe <0.7, one or more of Zr, Cr, V each <0.25, incidental elements and impurities, each <0.05, total <0.25, the balance aluminium, and having a thickness of more than 0.6 mm and in T6 temper condition having a hardness of more than 105 HB. A method of making the plate is also disclosed.

IPC 8 full level

**C22C 21/02** (2006.01); **C22F 1/043** (2006.01)

CPC (source: EP US)

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