

Title (en)

Aluminium sheet of the AA5000 type and a method for its manufacture

Title (de)

Blech aus Aluminium vom Typ AA5000 und Verfahren zu seiner Herstellung

Title (fr)

Feuille d'aluminium du type AA5000 et procédé pour sa fabrication

Publication

EP 0818553 A1 19980114 (EN)

Application

EP 97201948 A 19970626

Priority

NL 1003453 A 19960628

Abstract (en)

In a method for the manufacture of aluminium alloy sheet having a content of Mg of 1.5 to 8.0 wt% and a total content of (Mn + Cr + Zr) of not more than 0.1 wt%, a solution heat treatment step is carried out at final thickness of the sheet in a continuous annealing furnace. In this solution heat treatment the heating rate of the sheet in the heating region of said continuous annealing furnace is at least 50 DEG C/s. Induction heating may be used. Improved properties can be obtained.

IPC 1-7

C22F 1/047; **C22C 21/06**

IPC 8 full level

C22C 21/06 (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP)

C22C 21/06 (2013.01); **C22F 1/047** (2013.01)

Citation (search report)

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