

Title (en)

Method of manufacture of aluminium sheet of the AA5000 type

Title (de)

Verfahren zur Herstellung von Blech aus Aluminium von Typ AA5000

Title (fr)

Procédé de fabrication de feuille d'aluminium du type AA5000

Publication

**EP 0818553 B1 20010228 (EN)**

Application

**EP 97201948 A 19970626**

Priority

NL 1003453 A 19960628

Abstract (en)

[origin: EP0818553A1] 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)

Cited by

EP1138407A1; CN1107740C; WO2020182506A1; US10513767B2; WO2016196921A1; EP2888383B1; EP3006579B1; EP3006579B2; EP3191613B1

Designated contracting state (EPC)

BE CH DE ES FR GB LI NL

DOCDB simple family (publication)

**EP 0818553 A1 19980114**; **EP 0818553 B1 20010228**; DE 69704139 D1 20010405; NL 1003453 C2 19980107

DOCDB simple family (application)

**EP 97201948 A 19970626**; DE 69704139 T 19970626; NL 1003453 A 19960628