

Title (en)
Aluminium sheet and method for its manufacture

Title (de)
Aluminiumblech und Verfahren zu seiner Herstellung

Title (fr)
Tôle en aluminium et procédé pour sa fabrication

Publication
EP 0507411 B1 19971210 (EN)

Application
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Priority
NL 9100565 A 19910402

Abstract (en)
[origin: EP0507411A1] The invention relates to the manufacture of a soft, highly deformable SSF aluminium sheet with a composition belonging to the AA 5000 series of Al-Mg alloys with a Mg content of over 0.8% Mg, suitable for deforming purposes such as, for example, the manufacture of bodywork parts for cars by pressing. The grain size of the sheet after recrystallization annealing at finished thickness is less than 50 μ m. This recrystallization annealing is performed in a continuous annealing furnace with a heating rate of over 50 DEG C/s, followed by quenching. <IMAGE>

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Cited by
US6093266A; NL1004154C2; FR2731018A1; FR2731019A1; AU690433B2; AU690433C; EP0909828A3; EP1466992A1; FR3007041A1; RU2674056C2; GB2330590A; US5913989A; GB2330590B; EP3350355A4; US7364630B2; WO9801593A1; WO9626299A1; EP3690076A1; WO2020157246A1; US10710516B2; WO2004090184A1; WO2014203077A1

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