

Title (en)

Deep drawable and weldable AlMgSi type aluminium alloy

Title (de)

Tiefziehbare und schweisssbare Aluminiumlegierung vom Typ AlMgSi

Title (fr)

Alliage d'aluminium du type AlMgSi soudable et apte à l'emboutissage profond

Publication

EP 0714993 B1 20000308 (DE)

Application

EP 95810691 A 19951103

Priority

CH 360094 A 19941129

Abstract (en)

[origin: EP0714993A1] AlMgSi-type Al alloy contains Mg and Si in amounts defined by ABCDE where: A = 0.5 Si;0.35 Mg B = 0.5 Si;0.6 Mg C = 0.95 Si;0.6 Mg D = 0.95 Si;0.4 Mg E = 0.8 Si;0.35 Mg. The alloy also contains 0.05-0.4 Cu; max. 0.15 Mn; max. 0.25 Fe plus other elements upto max. 0.05 per element and 0.15 in total; balance Al.

IPC 1-7

C22C 21/02; **C22C 21/08**; **C22F 1/043**; **C22F 1/047**

IPC 8 full level

C22C 21/02 (2006.01); **C22C 21/08** (2006.01); **C22F 1/043** (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP)

C22C 21/02 (2013.01); **C22C 21/08** (2013.01); **C22F 1/043** (2013.01); **C22F 1/047** (2013.01)

Cited by

EP1840234A1; DE102004022817A1; CH693673A5; EP0811700A1; CH690916A5; EP0912772A4; WO9814626A1; WO0052216A1; US6364969B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0714993 A1 19960605; **EP 0714993 B1 20000308**; CH 688379 A5 19970829; DE 59507951 D1 20000413

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