

Title (en)

Use of an Aluminium casting alloy

Title (de)

Verwendung einer Aluminium-Gusslegierung

Title (fr)

Utilisation d'un alliage d'aluminium

Publication

**EP 1657319 B1 20080903 (DE)**

Application

**EP 05021924 A 20051007**

Priority

DE 102004053746 A 20041106

Abstract (en)

[origin: EP1657319A1] New aluminum casting alloy (I) comprises (by weight) 5-11% silicon, 0.1-0.8% magnesium, 0.05-5% silver, at most 0.30% iron, at most 0.20% titanium, at most 2/3 of the iron content of manganese, at most 0.10% zinc and the remainder aluminum, the contents of further impurities being at most 0.03% individually and at most 0.1% in total. An independent claim is included for the production of castings from (I), where the casting is solution annealed, quenched and hot stored.

IPC 8 full level

**C22C 21/02** (2006.01)

CPC (source: EP)

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

Cited by

EP1882754A1; EP1882753A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1657319 A1 20060517; EP 1657319 B1 20080903**; DE 102004053746 A1 20060511; DE 502005005249 D1 20081016

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