

Title (en)

Aluminium alloy for cast parts

Title (de)

Aluminiumlegierung für Gussteil

Title (fr)

Alliage d' aluminium pour pièce coulée

Publication

EP 1840233 B1 20100310 (DE)

Application

EP 06025641 A 20061212

Priority

DE 102006014976 A 20060331

Abstract (en)

[origin: EP1840233A1] Aluminum alloy for cast parts containing wt.% of Si (6.0 -7.5) , Mg (0.14-0.2), Ti (0.1-0.18), and Fe 0.005 , and P, Pb, Sb, Sn, Sr, V, Zr as impurities. The alloy can contain 0.0004-0.0015 wt.% boron. Independent claims are included for listing a cast carrier with a shock absorbing receiver and strengthening ribs, carrier production process by sand- or vacuum pressure casting.

IPC 8 full level

C22C 21/02 (2006.01); **B22D 18/06** (2006.01); **B22D 21/00** (2006.01); **B22D 21/04** (2006.01)

CPC (source: EP)

B22D 18/06 (2013.01); **B22D 21/007** (2013.01); **C22C 21/02** (2013.01)

Cited by

CN102051502A

Designated contracting state (EPC)

DE FI FR GB IT

DOCDB simple family (publication)

EP 1840233 A1 20071003; **EP 1840233 B1 20100310**; DE 102006014976 A1 20071004; DE 502006006391 D1 20100422

DOCDB simple family (application)

EP 06025641 A 20061212; DE 102006014976 A 20060331; DE 502006006391 T 20061212