

Title (en)

SQUEEZE CAST REAR SUSPENSION COMPONENTS USING ADC12-T4 ALUMINUM ALLOY

Title (de)

PRESSGUSSKOMPONENTEN FÜR HINTERE AUFHÄNGUNG MIT ADC12-T4-ALUMINIUMLEGIERUNG

Title (fr)

ELEMENTS DE SUSPENSION ARRIERE EN ALLIAGE D'ALUMINIUM ADC12-T4 COULE PAR FORGEAGE LIQUIDE

Publication

**EP 2010685 A4 20110420 (EN)**

Application

**EP 07754006 A 20070326**

Priority

- US 2007007429 W 20070326
- US 78602006 P 20060327

Abstract (en)

[origin: US2007246132A1] An aluminum alloy product is provided that includes an ADC12-T4 aluminum alloy. The ADC12-T4 aluminum alloy is cast into the product utilizing a high pressure, slow velocity casting technique. Further, an alloy is provided that in some embodiments produces cast parts with high strength, wear resistance, hardness and/or ductility, with little or no soldering.

IPC 8 full level

**C22C 21/04** (2006.01); **B60G 3/00** (2006.01); **B60G 7/00** (2006.01); **B60G 21/00** (2006.01); **B62K 25/00** (2006.01); **C22C 21/02** (2006.01)

CPC (source: EP US)

**C22C 21/02** (2013.01 - EP US); **C22C 21/04** (2013.01 - EP US); **C22F 1/043** (2013.01 - EP US); **B60G 2206/7102** (2013.01 - EP US); **B60G 2206/8101** (2013.01 - EP US)

Citation (search report)

- [X] US 2005199364 A1 20050915 - DASGUPTA RATHINDRA [US], et al
- [A] JP 2004225121 A 20040812 - AISIN SEIKI
- See references of WO 2007126744A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**US 72723407 A 20070326**; EP 07754006 A 20070326; US 2007007429 W 20070326