

Title (en)

Aluminium alloy metal foams, its use and method for its manufacture

Title (de)

Metallschäume aus einer Aluminiumlegierung, ihre Verwendung und Verfahren zur Herstellung

Title (fr)

Mousses métalliques en alliage d'aluminium, leur utilisation et procédé de fabrication

Publication

**EP 2143809 B1 20110914 (DE)**

Application

**EP 09007574 A 20090609**

Priority

DE 102008027798 A 20080611

Abstract (en)

[origin: EP2143809A1] Claimed is an aluminium alloy for use as metal foam with the general formula  $AlMg_{4(+1)}Si_{8(+1)}\%$  Wt. Further claimed are the use of the aluminium alloy as the core of an aluminium sandwich material and a process for production of the alloy using a suitable mixture of metal powder.

IPC 8 full level

**C22C 1/08** (2006.01); **B22D 25/00** (2006.01); **B22F 3/11** (2006.01); **B22F 7/00** (2006.01)

CPC (source: EP)

**B22F 3/1134** (2013.01); **B22F 7/006** (2013.01); **C22C 1/08** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2143809 A1 20100113**; **EP 2143809 B1 20110914**; AT E524569 T1 20110915; DE 102008027798 A1 20091224; ES 2378840 T3 20120418; PL 2143809 T3 20120731

DOCDB simple family (application)

**EP 09007574 A 20090609**; AT 09007574 T 20090609; DE 102008027798 A 20080611; ES 09007574 T 20090609; PL 09007574 T 20090609