

Title (en)

METHOD FOR PRODUCING AN ALUMINIUM ALLOY FOAM BY MOULDING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ALUMINIUMLEGIERUNGSSCHAUMS DURCH GIESSEN

Title (fr)

PROCÉDÉ DE FABRICATION PAR MOULAGE D'UNE MOUSSE EN ALLIAGE D'ALUMINIUM.

Publication

EP 2867380 A1 20150506 (FR)

Application

EP 13756523 A 20130620

Priority

- FR 1201846 A 20120629
- FR 2013000156 W 20130620

Abstract (en)

[origin: WO2014001657A1] The invention concerns a method for producing an aluminium alloy foam, consisting essentially of the aluminium alloy, in molten form, infiltrating the interstices of a preform consisting of silicon elastomer elements, by means of a conventional moulding process, typically a low-pressure process, followed by the elimination of the preform broken down into silica powder during the moulding cycle and/or an additional baking cycle.

IPC 8 full level

C22C 1/08 (2006.01)

CPC (source: EP US)

B22C 9/10 (2013.01 - EP US); **B22D 18/04** (2013.01 - EP US); **B22D 21/007** (2013.01 - EP US); **B22D 25/005** (2013.01 - EP US); **B22D 29/003** (2013.01 - EP US); **C22C 1/08** (2013.01 - EP US); **C22C 1/082** (2023.01 - EP); **C22C 21/02** (2013.01 - EP US); **C22C 21/06** (2013.01 - EP US); **C22C 1/082** (2023.01 - US)

Citation (search report)

See references of WO 2014001657A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 2992660 A1 20140103; **FR 2992660 B1 20140704**; BR 112014031494 A2 20170627; CA 2876132 A1 20140103; CN 104781429 A 20150715; EP 2867380 A1 20150506; JP 2015522717 A 20150806; RU 2015102762 A 20160820; US 2015184269 A1 20150702; US 9650696 B2 20170516; WO 2014001657 A1 20140103

DOCDB simple family (application)

FR 1201846 A 20120629; BR 112014031494 A 20130620; CA 2876132 A 20130620; CN 201380034711 A 20130620; EP 13756523 A 20130620; FR 2013000156 W 20130620; JP 2015519272 A 20130620; RU 2015102762 A 20130620; US 201314405983 A 20130620