

Title (en)

Moulded metal body and method of producing a moulded metal body

Title (de)

Metallformkörper und Verfahren zur Herstellung eines Metallformkörpers

Title (fr)

Corps métallique moulé et procédé de fabrication d'un corps métallique moulé

Publication

**EP 2069707 A1 20090617 (DE)**

Application

**EP 07763727 A 20070702**

Priority

- AT 2007000327 W 20070702
- AT 16702006 A 20061005

Abstract (en)

[origin: WO2008040035A1] To increase the strength of a metal moulding 1 made of metal foam 4, an insert element 3 may be embedded in the metal moulding 1. For this purpose, the present invention proposes using a mesh of rings that is free to shear, comprising loosely interlinked rings 6, as the insert element 3, whereby particularly high strength can be achieved.

IPC 8 full level

**F41H 5/04** (2006.01)

CPC (source: EP US)

**B22D 19/02** (2013.01 - US); **B22D 25/005** (2013.01 - EP US); **B22D 25/06** (2013.01 - US); **B22D 27/13** (2013.01 - US); **C22C 1/08** (2013.01 - US); **F41H 5/0457** (2013.01 - EP US); **F41H 5/0492** (2013.01 - EP US); **C22C 1/086** (2023.01 - US); **Y10T 428/12479** (2015.01 - EP US)

Citation (search report)

See references of WO 2008040035A1

Cited by

CN109029115A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008040035 A1 20080410**; AT 504305 A1 20080415; AT 504305 B1 20090915; AT E472081 T1 20100715; CN 101356416 A 20090128; CN 101356416 B 20120926; DE 502007004210 D1 20100805; EP 2069707 A1 20090617; EP 2069707 B1 20100623; ES 2347604 T3 20101102; PT 2069707 E 20100820; RU 2375668 C1 20091210; SI 2069707 T1 20101130; US 2010107860 A1 20100506; US 2016024618 A1 20160128

DOCDB simple family (application)

**AT 2007000327 W 20070702**; AT 07763727 T 20070702; AT 16702006 A 20061005; CN 200780001259 A 20070702; DE 502007004210 T 20070702; EP 07763727 A 20070702; ES 07763727 T 20070702; PT 07763727 T 20070702; RU 2008124809 A 20070702; SI 200730322 T 20070702; US 201514873582 A 20151002; US 9000907 A 20070702