

Title (en)  
METAL MATRIX COMPOSITE

Title (de)  
METALLMATRIXVERBUNDSTOFF

Title (fr)  
COMPOSITE À MATRICE MÉTALLIQUE

Publication  
**EP 3271095 A1 20180124 (EN)**

Application  
**EP 16713244 A 20160317**

Priority  
• US 201562134198 P 20150317  
• US 2016022938 W 20160317

Abstract (en)  
[origin: WO2016149533A1] A metal matrix composite material includes a reinforcement phase dispersed in an aluminum or aluminum alloy matrix. The reinforcement phase includes particles having an average particle size (D50) of from 0.1 µm to 0.5 µm.m.

IPC 8 full level  
**B22F 3/15** (2006.01); **C22C 1/04** (2006.01); **C22C 1/05** (2006.01); **C22C 1/10** (2006.01); **C22C 21/06** (2006.01); **C22C 21/16** (2006.01); **C22C 32/00** (2006.01); **C22C 49/06** (2006.01)

CPC (source: EP US)  
**B22F 3/15** (2013.01 - EP US); **C22C 1/0416** (2013.01 - EP US); **C22C 1/05** (2013.01 - EP US); **C22C 1/051** (2013.01 - US); **C22C 1/1084** (2013.01 - EP US); **C22C 21/06** (2013.01 - EP US); **C22C 21/08** (2013.01 - EP); **C22C 21/12** (2013.01 - EP); **C22C 21/16** (2013.01 - EP US); **C22C 32/0005** (2013.01 - US); **C22C 32/0031** (2013.01 - US); **C22C 32/0036** (2013.01 - EP US); **C22C 32/0057** (2013.01 - US); **C22C 32/0063** (2013.01 - EP US); **C22C 32/0068** (2013.01 - US); **C22C 32/0073** (2013.01 - US); **C22C 32/0078** (2013.01 - US); **C22C 49/06** (2013.01 - US); **B22F 2301/052** (2013.01 - EP US); **B22F 2302/10** (2013.01 - EP US); **B22F 2302/105** (2013.01 - EP US); **B22F 2302/20** (2013.01 - EP US); **B22F 2304/058** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP); **B22F 2999/00** (2013.01 - EP US); **C22C 32/0047** (2013.01 - EP)

Citation (search report)  
See references of WO 2016149533A1

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)  
**WO 2016149533 A1 20160922**; EP 3271095 A1 20180124; US 2016273080 A1 20160922

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**US 2016022938 W 20160317**; EP 16713244 A 20160317; US 201615073412 A 20160317