

Title (en)  
MAGNESIUM-BASED COMPOSITE MATERIAL HAVING TI PARTICLES DISPERSED THEREIN, AND METHOD FOR PRODUCTION THEREOF

Title (de)  
VERBUNDATERIAL AUF MAGNESIUMBASIS MIT DARIN DISPERGIERTEN TI-PARTIKELN SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)  
MATERIAU COMPOSITE A BASE DE MAGNESIUM DANS LEQUEL SONT DISPERSEES DES PARTICULES DE TI ET PROCEDE DE PRODUCTION ASSOCIE

Publication  
**EP 2327809 A1 20110601 (EN)**

Application  
**EP 09811323 A 20090316**

Priority  
• JP 2009055027 W 20090316  
• JP 2008226261 A 20080903

Abstract (en)  
A Ti particle-dispersed magnesium-based composite material is a material having titanium particles uniformly dispersed in a magnesium matrix, and is characterized by having a titanium-aluminum compound layer at an interface between the magnesium alloy matrix and the titanium particles dispersed in the magnesium alloy matrix.

IPC 8 full level  
**C22C 23/00** (2006.01); **B22F 1/00** (2006.01); **B22F 9/04** (2006.01); **B22F 9/08** (2006.01); **C22C 1/00** (2006.01); **C22C 1/02** (2006.01); **C22C 1/04** (2006.01); **C22F 1/00** (2006.01); **C22F 1/02** (2006.01); **C22F 1/06** (2006.01)

CPC (source: EP US)  
**C22C 1/00** (2013.01 - EP US); **C22C 1/02** (2013.01 - EP US); **C22C 1/0408** (2013.01 - EP US); **C22C 23/02** (2013.01 - EP US); **C22F 1/00** (2013.01 - EP US); **C22F 1/02** (2013.01 - EP US); **C22F 1/06** (2013.01 - EP US); **B22F 2009/041** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US); **Y10T 29/5184** (2015.01 - EP US)

Citation (search report)  
See references of WO 2010026794A1

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Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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