

Title (en)
Mg-BASED STRUCTURED MEMBER

Title (de)
AUF MG BASIERENDES STRUKTURIERTES ELEMENT

Title (fr)
ÉLÉMENT STRUCTURÉ À BASE DE Mg

Publication
EP 2392693 B1 20180815 (EN)

Application
EP 10735918 A 20100129

Priority
• JP 2010051284 W 20100129
• JP 2009021268 A 20090202

Abstract (en)
[origin: EP2392693A1] Disclosed is an Mg-based structural material in which the surface of the base is coated with a film comprising apatite crystals as the main component thereof. The coating film and the base may be integrated with a magnesium hydroxide layer, and the surface of the coating film may be painted with a resin paint. The thickness of the coating film may be from 1 to 5 µm. The Mg-based structural material takes a low environmental load in the production process thereof.

IPC 8 full level
A61L 27/32 (2006.01); **C23C 22/22** (2006.01); **C23C 22/60** (2006.01); **C23C 22/68** (2006.01); **C23C 22/83** (2006.01); **C23C 28/00** (2006.01); **C23C 28/04** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP)
C23C 22/22 (2013.01); **C23C 22/60** (2013.01); **C23C 22/68** (2013.01); **C23C 22/83** (2013.01); **C23C 28/00** (2013.01); **C23C 28/04** (2013.01); **C23C 30/00** (2013.01)

Cited by
DE102016002852A1; CN108273133A; DE102017011379A1; EP3643811A4; US2021172067A1; WO2017153036A1

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 SM TR

DOCDB simple family (publication)
EP 2392693 A1 20111207; **EP 2392693 A4 20140604**; **EP 2392693 B1 20180815**; CN 102301034 A 20111228; CN 102301034 B 20130918; JP 2010174363 A 20100812; JP 5517024 B2 20140611; WO 2010087456 A1 20100805

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