

Title (en)

Method for manufacturing a metallic part and metallic part

Title (de)

Verfahren zur Herstellung eines metallischen Bauteils sowie derartig hergestelltes Bauteil

Title (fr)

Procédé destiné à la fabrication d'un composant métallique ainsi que composant fabriqué de cette manière

Publication

EP 2110465 B1 20200429 (DE)

Application

EP 09157727 A 20090409

Priority

- DE 102008019206 A 20080417
- DE 102008048109 A 20080919

Abstract (en)

[origin: EP2110465A2] In the production of a metallic component by providing a base structure with an aluminum coating then casting an aluminum alloy around the coated structure, the aluminum coating is applied to the base structure by electroplating. An independent claim is included for a component produced by the process.

IPC 8 full level

C25D 5/12 (2006.01); **B22D 19/00** (2006.01); **C25D 5/36** (2006.01); **C25D 5/48** (2006.01); **C25D 7/04** (2006.01); **F02F 1/00** (2006.01); **C25D 3/44** (2006.01)

CPC (source: EP US)

B22D 19/0009 (2013.01 - EP); **B22D 19/0081** (2013.01 - EP); **C25D 5/12** (2013.01 - EP US); **C25D 5/36** (2013.01 - EP); **C25D 5/48** (2013.01 - EP); **C25D 7/04** (2013.01 - EP); **F02F 1/00** (2013.01 - EP); **C25D 3/44** (2013.01 - EP)

Citation (examination)

- EP 0919715 A2 19990602 - KS ALUMINIUM TECHNOLOGIE AG [DE]
- EP 1308227 A1 20030507 - DAIMLER CHRYSLER AG [DE]
- DE 19750687 A1 19990520 - KS ALUMINIUM TECHNOLOGIE AG [DE]
- US 4154900 A 19790515 - HIRAOKA KIYOTAKA [JP], et al

Cited by

US10422298B2; WO2016037996A1

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 TR

DOCDB simple family (publication)

EP 2110465 A2 20091021; **EP 2110465 A3 20150819**; **EP 2110465 B1 20200429**; DE 102008048109 A1 20091022; DE 102008048109 B4 20150129; ES 2798004 T3 20201204; HU E050304 T2 20201130

DOCDB simple family (application)

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