

Title (en)

METHOD FOR MAKING AN ORDERED POROUS STRUCTURE FROM AN ALUMINIUM SUBSTRATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER GEORDNETEN PORÖSEN STRUKTUR AUS EINEM ALUMINIUMSUBSTRAT

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE STRUCTURE POREUSE ORDONNÉE À PARTIR D'UN SUBSTRAT D'ALUMINIUM

Publication

EP 2207915 A2 20100721 (FR)

Application

EP 08844577 A 20081023

Priority

- FR 2008051921 W 20081023
- FR 0707540 A 20071026

Abstract (en)

[origin: WO2009056744A2] The invention relates to a method for making a porous structure, that comprises producing, by anodisation of an aluminium substrate, an outer surface layer (3), part of the thickness of which is formed by an ordered porous structure (7), characterised in that it comprises an anodisation step on a smooth aluminium substrate for a duration sufficient for obtaining a thickness of ordered porous structure (7). The method further comprises removing by mechanical machining a portion of the thickness of said layer (3) formed by anodisation, said thickness portion extending from the outer surface of said layer (3) formed by anodisation, while maintaining an ordered porous structure (7) with a non-zero thickness, so that said ordered porous structure defines the free outer surface of the residual layer.

IPC 8 full level

C25D 11/18 (2006.01)

CPC (source: EP US)

C25D 11/18 (2013.01 - EP US)

Citation (search report)

See references of WO 2009056744A2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2922899 A1 20090501; FR 2922899 B1 20101126; AT E522640 T1 20110915; EP 2207915 A2 20100721; EP 2207915 B1 20110831; ES 2372790 T3 20120126; JP 2011500969 A 20110106; JP 5199376 B2 20130515; US 2010258445 A1 20101014; WO 2009056744 A2 20090507; WO 2009056744 A3 20090730

DOCDB simple family (application)

FR 0707540 A 20071026; AT 08844577 T 20081023; EP 08844577 A 20081023; ES 08844577 T 20081023; FR 2008051921 W 20081023; JP 2010530531 A 20081023; US 73978508 A 20081023