

Title (en)

Procedure for anodising aluminium or aluminium alloys

Title (de)

Verfahren zur Anodisierung von Aluminium oder Aluminiumlegierungen

Title (fr)

Procédure pour l'anodisation d'aluminium et alliages d'aluminium

Publication

EP 2055810 A3 20130123 (EN)

Application

EP 08380076 A 20080307

Priority

ES 200702842 A 20071029

Abstract (en)

[origin: EP2055810A2] This invention refers to a procedure for anodising aluminium or aluminium alloys in which an aluminium or an aluminium alloy part is submerged in an aqueous solution at a temperature between 0°C and 140°C, preferably between 0°C and 130°C, in which said solution includes: - sulphuric acid, - tartaric acid, and - at least one inorganic salt of an element selected between at least one transition metal, a lanthanide element, an actinide, and combinations of them, and applying a controlled potential difference, obtaining layers of aluminium oxide with properties as good as or even better than those obtained through anodising in traditional chromic acid solutions.

IPC 8 full level

C25D 11/06 (2006.01)

CPC (source: EP ES US)

C25D 11/06 (2013.01 - EP ES US)

Citation (search report)

- [Y] DE 10361888 B3 20050922 - AIRBUS GMBH [DE]
- [Y] US 5205922 A 19930427 - AHEARN JR JOHN S [US], et al
- [Y] GB 2343681 A 20000517 - AGFA GEVAERT NV [BE]

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EP4269662A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

EP 2055810 A2 20090506; EP 2055810 A3 20130123; BR PI0800622 A2 20090630; CA 2624579 A1 20090429; CN 101423965 A 20090506; EA 015400 B1 20110830; EA 200800582 A1 20090630; ES 2324850 A1 20090817; ES 2324850 B1 20100607; US 2009107848 A1 20090430

DOCDB simple family (application)

EP 08380076 A 20080307; BR PI0800622 A 20080314; CA 2624579 A 20080307; CN 200810096306 A 20080317; EA 200800582 A 20080313; ES 200702842 A 20071029; US 7363208 A 20080307