

Title (en)

Anodisation process of an aluminium alloy element

Title (de)

Verfahren zur Anodisation eines Aluminiumlegierungselements

Title (fr)

Procédé d'anodisation d'une pièce en alliage d'aluminium

Publication

EP 1357206 A3 20040512 (FR)

Application

EP 03290776 A 20030327

Priority

FR 0204984 A 20020422

Abstract (en)

[origin: EP1357206A2] Aluminum alloy part is anodized by providing aqueous anodizing bath comprising 55-85 g/l sulfuric acid, and excluding presence of any phosphoric acid or any boric acid; maintaining bath at 15-27 degreesC; dipping part into bath; applying voltage of 5-30 V to dipped part with low current density on part; and maintaining part in bath until coating of desired thickness has been obtained, which is 1-3 microns.

IPC 1-7

C25D 11/08; **C25D 11/10**; **C25D 11/12**

IPC 8 full level

C25D 11/08 (2006.01); **C25D 11/10** (2006.01); **C25D 11/12** (2006.01)

CPC (source: EP US)

C25D 11/08 (2013.01 - EP US); **C25D 11/10** (2013.01 - EP US); **C25D 11/12** (2013.01 - EP US)

Citation (search report)

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- [AD] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)
- [A] "TECHNISCHE VERFAHREN DER ANODISCHEN OXIDATION", PRAXIS DER ANODISCHEN OXIDATION DES ALUMINIUMS, XX, XX, PAGE(S) 137-173, XP008003644

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EP 1357206 A2 20031029; **EP 1357206 A3 20040512**; CA 2425296 A1 20031022; FR 2838754 A1 20031024; FR 2838754 B1 20050318; US 2003196907 A1 20031023

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