

Title (en)  
PROCESS FOR THE ANODIC OXIDATION OF ALUMINIUM ALLOYS

Publication  
**EP 0112439 A3 19861105 (DE)**

Application  
**EP 83108951 A 19830910**

Priority  
DE 3244217 A 19821130

Abstract (en)  
[origin: EP0112439A2] 1. Process for anodic oxidation of workpieces made from an aluminium alloy, particularly with high copper and/or nobler metal content, the workpieces being arranged in a moving aqueous electrolyte together with one or more cathodes and a voltage being applied mainly periodically to produce current pulses of short duration with high current conduction to the workpieces and the cathode(s), characterized in that the voltage remains switched on each time as long as a noticeable build-up of the oxide layer results and then is switched off until the Joule effect produced is mainly eliminated.

IPC 1-7  
**C25D 11/04**

IPC 8 full level  
**C25D 11/04** (2006.01)

CPC (source: EP)  
**C25D 11/024** (2013.01); **C25D 11/04** (2013.01)

Citation (search report)

- [A] GB 1150882 A 19690507 - ALCAN RES & DEV [CA]
- [A] US 4152221 A 19790501 - SCHAEDEL FRED C [US]
- [A] US 4026781 A 19770531 - NEWMAN FREDERICK S, et al
- [A] US 3473103 A 19691014 - SCHAEDEL FRED C
- [A] PLATING AND SURFACE FINISHING, Band 69, Nr. 7, Juli 1982, Seiten 62-65, Winterpark, Florida, US; K. YOKOYAMA et al.: "Advantages of pulse anodizing"

Cited by  
DE102008019284A1; CN113981500A; DE19507472A1; DE19507472C2; DE102008019284B4; EP2166200A1; WO9303207A1; KR101160472B1; DE102008020513A1; WO2008138458A2; DE102008020513B4

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0112439 A2 19840704; EP 0112439 A3 19861105; EP 0112439 B1 19880427**; AT E33858 T1 19880515; DE 3244217 A1 19840530; DE 3376430 D1 19880601

DOCDB simple family (application)  
**EP 83108951 A 19830910**; AT 83108951 T 19830910; DE 3244217 A 19821130; DE 3376430 T 19830910