

Title (en)

PROCESS FOR THE HARD ANODIZING OF ALUMINIUM CAST PARTS PRODUCED BY VACUUM CASTING

Publication

EP 0185192 A3 19870225 (DE)

Application

EP 85114290 A 19851109

Priority

DE 3442591 A 19841122

Abstract (en)

[origin: EP0185192A2] 1. Process for hard anodizing of cast aluminium parts produced in the vacuum die-casting process, with a silicon content of more than 5% as well as a strontium content of 0.005 to 0.08% and/or a sodium content of 0.003 to 0.2%, characterized in that the castings are subjected before the anodizing, which is carried out by the direct current sulphuric acid or direct current sulphuric acid oxalic acid process, to an annealing at temperatures of 400 to 480 degrees C for a period of 3 to 20 minutes.

IPC 1-7

C25D 11/16; **C25D 11/06**; **C22C 21/02**

IPC 8 full level

C22C 21/02 (2006.01); **C22F 1/043** (2006.01); **C25D 11/06** (2006.01); **C25D 11/16** (2006.01)

CPC (source: EP)

C22F 1/043 (2013.01); **C25D 11/16** (2013.01)

Citation (search report)

- [Y] DE 1191116 B 19650415 - VER DEUTSCHE METALLWERKE AG
- [Y] GB 1121677 A 19680731 - PECHINEY PROD CHIMIQUES SA
- [A] DE 3518408 A1 19851128 - SUMITOMO LIGHT METAL IND [JP], et al
- [Y] METAL FINISHING ABSTRACTS, Band 22, Nr. 4, Juli/August 1980, Seiten 268-269; & JP-A-54 102 251 (MATSUSHITA) 31.01.1978

Cited by

US6040059A; WO0222902A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0185192 A2 19860625; **EP 0185192 A3 19870225**; **EP 0185192 B1 19900228**; AT E50604 T1 19900315; DE 3442591 A1 19860522; DE 3442591 C2 19930715; DE 3576176 D1 19900405

DOCDB simple family (application)

EP 85114290 A 19851109; AT 85114290 T 19851109; DE 3442591 A 19841122; DE 3576176 T 19851109