

Title (en)

PROCESS FOR THE AFTERTREATMENT OF ALUMINIUM OXIDE LAYERS WITH AQUEOUS SOLUTIONS CONTAINING ALKALI-METAL SILICATE, AND THEIR USE IN THE PRODUCTION OF SUPPORTS FOR OFF-SET PRINTING PLATES

Publication

EP 0154201 B1 19870819 (DE)

Application

EP 85101402 A 19850209

Priority

DE 3406102 A 19840221

Abstract (en)

[origin: EP0154201A1] 1. Process for manufacturing materials in the form of sheets, foils or webs, based on aluminum or an alloy thereof, which has been grained electrochemically in an aqueous solution containing nitric acid or mechanically and electrochemically in a solution containing nitric acid and anodically oxidized and the aluminum oxide layers of which are post-treated with an aqueous solution containing alkali metal silicate, wherein post-treatment is performed in an aqueous solution containing alkali metal silicate and alkaline earth metal ions.

IPC 1-7

C25D 11/24; **C25D 11/08**; **C25F 3/04**; **B41N 1/08**; **B41N 3/00**

IPC 8 full level

B41N 3/00 (2006.01); **B41N 1/08** (2006.01); **B41N 3/03** (2006.01); **C25D 11/08** (2006.01); **C25D 11/20** (2006.01); **C25D 11/24** (2006.01); **C25F 3/04** (2006.01); **G03F 7/00** (2006.01)

CPC (source: EP)

B41N 3/038 (2013.01); **C25D 11/20** (2013.01); **C25D 11/24** (2013.01)

Cited by

EP0514312A1; EP1398172A1; US5556531A; US5770315A; EP0683248A1; US7087361B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0154201 A1 19850911; **EP 0154201 B1 19870819**; BR 8500702 A 19851008; DE 3406102 A1 19850822; DE 3560489 D1 19870924; JP S60194095 A 19851002; ZA 851217 B 19851030

DOCDB simple family (application)

EP 85101402 A 19850209; BR 8500702 A 19850214; DE 3406102 A 19840221; DE 3560489 T 19850209; JP 3168485 A 19850221; ZA 851217 A 19850218