Title (en)

Process for the electrochemical graining of aluminum for printing plate supports

Title (de)

Verfahren zur elektrochemischen Aufrauhung von Aluminium für Druckplattenträger

Title (fr)

Procédé pour le grainage électrochimique de plaques d'impression en aluminium

Publication

EP 0437761 B1 19960313 (DE)

Application

EP 90124403 A 19901217

Priority

DE 4001466 A 19900119

Abstract (en)

[origin: EP0437761A2] A description is given of a process for the graining of aluminium or its alloys for printing plate supports. In this process, an electrochemical graining is carried out in a graining step by means of alternating current in an acidic sulphate- and chloride-ion-containing electrolyte which contains chloride ions in the form of aluminium chloride. In a preceding or subsequent graining step, a mechanical dry or moist graining or an electrochemical graining is carried out by means of alternating current in an electrolyte. The electrolyte contains hydrochloric acid and aluminium ions, nitric acid and aluminium ions or sulphuric acid and chloride ions.

IPC 1-7

B41N 3/03

IPC 8 full level

B41N 3/03 (2006.01)

CPC (source: EP US)

B41N 3/034 (2013.01 - EP US); C25F 3/04 (2013.01 - EP US); Y10T 428/12993 (2015.01 - EP US)

Citation (examination)

WORLD PATENTS INDEX Section PQ, Week 8018, Derwent Publications Ltd., London, GB; Class P75, AN 77-27940Y&JP-B-55 012 877 (MITSUBISHI CHEM IND KK) 5. April 1980

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EP0536531A3; EP1972460A1; WO9301942A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0437761 A2 19910724; EP 0437761 A3 19920219; EP 0437761 B1 19960313; BR 9100220 A 19911022; CA 2034426 A1 19910720; DE 4001466 A1 19910725; DE 59010198 D1 19960418; JP 2969134 B2 19991102; JP H054466 A 19930114; US 5156723 A 19921020

DOCDB simple family (application)

EP 90124403 A 19901217; BR 9100220 A 19910118; CA 2034426 A 19910117; DE 4001466 A 19900119; DE 59010198 T 19901217; JP 1697991 A 19910117; US 64429691 A 19910122