

Title (en)

Process for the electrochemical graining of aluminium for supports for printing plates.

Title (de)

Verfahren zur elektrochemischen Aufrauhung von Aluminium für Druckplattenträger.

Title (fr)

Procédé de grainage électrochimique de l'aluminium pour supports pour plaques d'impression.

Publication

EP 0292801 A2 19881130 (DE)

Application

EP 88107659 A 19880513

Priority

DE 3717654 A 19870526

Abstract (en)

[origin: US4840713A] A process is disclosed for the electrochemical roughening of aluminum for use in printing plate supports, which is carried out by means of an electrolyte containing sulfate ions and aluminum chloride; preference is given to sulfuric acid and aluminum chloride. Printing plate supports roughened by the process according to the present invention show a particularly uniform, pit-free and overall roughening structure.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur elektrochemischen Aufrauhung von Aluminium für Druckplattenträger, wobei man mit einem Sulfationen und Aluminiumchlorid enthaltenden Elektrolyten arbeitet; bevorzugt werden Schwefelsäure und Aluminiumchlorid. Die mittels des Verfahrens aufgerauten Druckplattenträger besitzen eine besonders gleichmäßige, narbenfreie und flächendeckende Aufrauhstruktur.

IPC 1-7

B41N 1/08; **C25F 3/04**

IPC 8 full level

B41N 1/08 (2006.01); **B41N 3/00** (2006.01); **B41N 3/03** (2006.01); **C25F 3/04** (2006.01)

CPC (source: EP KR US)

B41N 3/00 (2013.01 - KR); **B41N 3/034** (2013.01 - EP US); **C25F 3/04** (2013.01 - EP US)

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Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0292801 A2 19881130; **EP 0292801 A3 19890705**; **EP 0292801 B1 19921202**; BR 8802559 A 19881220; CA 1325788 C 19940104; DE 3717654 A1 19881208; DE 3876291 D1 19930114; JP 2776830 B2 19980716; JP S63306094 A 19881214; KR 880013705 A 19881221; KR 960016059 B1 19961127; US 4840713 A 19890620

DOCDB simple family (application)

EP 88107659 A 19880513; BR 8802559 A 19880525; CA 567633 A 19880525; DE 3717654 A 19870526; DE 3876291 T 19880513; JP 12723988 A 19880526; KR 880006114 A 19880525; US 19830788 A 19880525