

Title (en)

PROCESS FOR THE ELECTROLYTIC ROUGHENING OF ALUMINIUM AND ITS APPLICATION AS A SUPPORT FOR OFFSET PRINTING PLATES

Publication

**EP 0089508 B1 19870415 (DE)**

Application

**EP 83101811 A 19830224**

Priority

US 35933882 A 19820318

Abstract (en)

[origin: US4374710A] Aluminum is electrolytically grained in an aqueous solution of nitric and oxalic acids to provide a surface structure suitable for use as part of a lithographic printing plate. The electrolyte may also optionally contain boric acid and/or aluminum nitrate and/or hydrogen peroxide.

IPC 1-7

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

IPC 8 full level

**C25D 3/04** (2006.01); **B41N 3/03** (2006.01); **C25F 3/04** (2006.01)

CPC (source: EP US)

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

Citation (examination)

- DE 2149899 B2 19771208
- DE 2535142 A1 19760219 - EASTMAN KODAK CO

Cited by

DE3339410C1; EP0143932A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**US 4374710 A 19830222**; BR 8301335 A 19831129; CA 1224181 A 19870714; DE 3370975 D1 19870521; EP 0089508 A1 19830928; EP 0089508 B1 19870415; JP S58171590 A 19831008

DOCDB simple family (application)

**US 35933882 A 19820318**; BR 8301335 A 19830317; CA 421763 A 19830216; DE 3370975 T 19830224; EP 83101811 A 19830224; JP 4330583 A 19830317