

Title (en)

PROCESS FOR ELECTROLYTIC ROUGHENING ALUMINIUM PRINTING PLATES IN AN AQUEOUS MIXED ELECTROLYTE

Publication

EP 0151304 B1 19870513 (DE)

Application

EP 84116021 A 19841221

Priority

DE 3400248 A 19840105

Abstract (en)

[origin: US4566959A] In the electrochemical roughening of aluminum or its alloys useful for printing plate supports, an aqueous mixed electrolyte solution is employed, which contains hydrochloric acid (HCl) and, as a further ionic halogen compound, at least one inorganic fluorine compound which is present in the form of an acid or an alkali metal salt and the anion of which contains fluorine and at least one further element (for example, SiF₆²⁻ or PO₃F₂⁻). In particular, the solution contains from about 0.5 to 10% by weight of HCl and from about 0.5 to 5% by weight of the fluorine compound. The very uniformly roughened support materials are used in the production of offset printing plates.

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IPC 8 full level

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CPC (source: EP US)

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EP 0151304 A2 19850814; **EP 0151304 A3 19850911**; **EP 0151304 B1 19870513**; BR 8500015 A 19850813; CA 1256059 A 19890620; DE 3400248 A1 19850718; DE 3463681 D1 19870619; ES 539251 A0 19861001; ES 8700338 A1 19861001; JP H0462279 B2 19921005; JP S60159093 A 19850820; US 4566959 A 19860128; ZA 8590 B 19850828

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