

Title (en)

PROCESS FOR ELECTROCHEMICALLY ROUGHENING ALUMINIUM PRINTING PLATE SUPPORTS IN AN AQUEOUS MIXED ELECTROLYTE

Publication

EP 0162281 B1 19870916 (DE)

Application

EP 85104603 A 19850416

Priority

DE 3415338 A 19840425

Abstract (en)

[origin: US4600482A] Disclosed is a process for electrochemically roughening aluminum or aluminum alloys for use as printing plate supports, in an aqueous mixed electrolyte solution containing hydrochloric acid (HCl) and, as an additional component, at least one haloalkanoic acid of the general formula $\text{Hal}_x\text{Hy-xCz-COOH}$, in which Hal stands for a halogen atom, z is an integer from 1 to 5, $y=2z+1$ and x is an integer from 1 to y. In particular, the solution contains from 0.5 to 10% by weight of HCl and from 0.1 to 8.0% by weight of haloalkanoic acid, for example, monochloroacetic acid or trifluoroacetic acid. The support materials which are particularly uniformly roughened are employed in the production of offset-printing plates.

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EP 0162281 A2 19851127; **EP 0162281 A3 19860115**; **EP 0162281 B1 19870916**; DE 3415338 A1 19851031; DE 3560642 D1 19871022; JP H054236 B2 19930119; JP S60234895 A 19851121; US 4600482 A 19860715

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