

Title (en)

PROCESS FOR TWO STEP ANODIC OXIDATION OF ALUMINIUM CARRIER MATERIALS FOR OFFSET PRINTING PLATES

Publication

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Application

EP 84108776 A 19840725

Priority

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Abstract (en)

[origin: US4606975A] Disclosed is a base for offset printing plates in the form of a sheet, a foil or a web and a process for producing same which includes the steps of chemically, mechanically and/or electrochemically roughening aluminum or one of its alloys, and forming an oxide layer by means of a two-stage anodic oxidation in (a) an aqueous electrolyte which comprises phosphorus-containing anions and (b) an aqueous electrolyte based on sulfuric acid. A H₃PO₄-free electrolyte comprising dissolved phosphoroxo anions is employed in the first stage. Also disclosed are an offset printing plate and a process for producing same.

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