

Title (en)

PROCESS FOR THE AFTER TREATMENT OF ALUMINIUM OXIDE LAYERS WITH AQUEOUS SOLUTIONS CONTAINING ALKALI SILICATE, AND ITS APPLICATION DURING THE MANUFACTURE OF SUPPORTS FOR OFFSET PRINTING PLATES

Publication

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Application

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Priority

DE 3232485 A 19820901

Abstract (en)

[origin: US4492616A] A process is disclosed for manufacturing sheets, foils, or strips which involves chemically, mechanically, and/or electrochemically roughening and anodically oxidizing aluminum or aluminum alloy surfaces, followed by two post-treatment steps. In the first step, the metal surface is treated with an aqueous alkali metal silicate solution; thereafter, the surface is treated with an aqueous solution comprising alkaline earth metal ions. The materials produced according to this process are particularly used as supports for offset-printing plates.

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Citation (search report)

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