

Title (en)

PROCESS FOR THE AFTERTREATMENT OF LAYERS FROM ALUMINIUM OXIDE WITH AQUEOUS SOLUTIONS CONTAINING PHOSPHOROXO ANIONS, AND THEIR USE IN THE PRODUCTION OF SUPPORTS FOR OFFSET PRINTING PLATES

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Application

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Priority

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Abstract (en)

[origin: US4650739A] A process for manufacturing materials in the form of sheets, foils or webs comprising chemically, mechanically and/or electrochemically roughened and anodically oxidized aluminum or one of its alloys, wherein the resultant aluminum oxide layers are post-treated with an aqueous solution containing phosphoroxo anions, is performed such that a post-treatment of the aluminum oxide layers is effected by immersion in an aqueous solution containing hexametaphosphate anion. In a preferred embodiment, the aqueous solution is adjusted to a pH of 1 to 5 by addition of an acid. The resulting materials, which have reduced adsorption properties, are preferably employed as support materials for offset printing plates.

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