

Title (en)

TREATED ANODIZED ALUMINUM SUPPORT AND LITHOGRAPHIC PRINTING PLATE CONTAINING SAME

Publication

EP 0218160 B1 19891206 (EN)

Application

EP 86113306 A 19860926

Priority

US 78640385 A 19851010

Abstract (en)

[origin: EP0218160A1] A lithographic printing plate support material comprising an anodized aluminum plate having an anodic layer, a silicate layer in contact with the anodic layer, and a metal salt layer, in contact with the silicate layer, which comprises a metal salt having the formula MX wherein M is a metal selected from the group consisting of zinc, magnesium, nickel, and chromium, and X is an anion selected from the group consisting of acetate, chloride, and borate. A method for preparing the support material comprises the steps of contacting an anodized aluminum plate with a silicating agent and contacting the silicated plate with the above-described metal salt. Lithographic printing plates comprising the above-described support material and a radiation-sensitive layer exhibit improved press sensitivity and extended shelf-life.

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IPC 8 full level

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