

Title (en)

Method of making a negative-working lithographic printing plate.

Title (de)

Verfahren zur Herstellung einer negativ arbeitenden lithographischen Druckplatte

Title (fr)

Procédé pour la fabrication d'une plaque d'impression lithographique négative

Publication

EP 1642714 A1 20060405 (EN)

Application

EP 04104833 A 20041001

Priority

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Abstract (en)

A method for preparing a negative-working lithographic printing plate is provided which comprises the steps of (1) providing a lithographic printing plate precursor comprising on a grained and anodized aluminum support, having a hydrophilic surface, a coating comprising (i) polymer particles which are core-shell particles having a hydrophobic heat-softenable core and a hydrophilic shell and (ii) an infrared light absorbing agent, (2) exposing said coating to heat, thereby inducing coalescence of said polymer particles at exposed areas of said coating, and (iii) developing said precursor by applying a gum solution to said coating, thereby removing non-exposed areas of said coating from said support. According to the above method the printing plates exhibit after ageing an improved clean-out and a reduced background stain, resulting in toning-free printing.

IPC 8 full level

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Citation (applicant)

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- GB 887356 A 19620117 - VINYL PRODUCTS LTD
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