

Title (en)

A method for making a lithographic printing plate by a negative working non-ablative process

Title (de)

Negativ arbeitendes Verfahren zur Herstellung einer lithographischen Druckplatte ohne Ablation

Title (fr)

Procédé de fabrication d'une plaque d'impression lithographique travaillant en négatif et sans ablation

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1097811A1] According to the present invention there is provided a method for making a lithographic printing plate comprising the steps of: applying a first magnetic field to a dry, light absorbing powder, which comprises a magnetic material and a hydrophobic thermoplastic binder, thereby coating said powder on a surface of a metal support; image-wise exposing to light the powder in contact with the surface of the metal support, thereby increasing the adhesion of the powder to the surface of the metal support, without substantially ablating the powder; and removing the non-exposed magnetic powder from the surface of the metal support under action of a second magnetic field with a polarity substantially opposite to the first magnetic field.

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