

Title (en)

Method for making a lithographic printing plate by image-wise heating an imaging element using a thermal head

Title (de)

Verfahren zur Herstellung einer Flachdruckplatte durch bildmässige Erwärmung eines Bildaufnahmeelements mittels eines Thermodruckkopfes

Title (fr)

Procédé pour la fabrication d'une plaque lithographique par échauffement selon une image d'un élément pour l'enregistrement de l'image avec une tête thermique

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0774364A1] The present invention provides a method for making a lithographic printing plate wherein an imaging element is image-wise heated by means of a thermal head. The imaging element comprises on a flexible support (i) an ink-repellant layer containing a cross-linked hydrophilic binder and (ii) an image forming layer comprising hydrophobic thermoplastic polymer particles dispersed in a hydrophilic binder. Subsequent to image-wise heating, the imaging element is developed with water or an aqueous liquid. Development may also be carried out on-press. Moreover, image-wise heating and development can both be carried out on press.

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