

Title (en)

Method for making lithographic printing plates allowing for the use of lower laser writing power

Title (de)

Verfahren zur Herstellung lithographischen Druckplatten unter Verwendung von einem Laser mit einer niedrigeren Schreibleistung

Title (fr)

Procédé de fabrication de plaques d'impression lithographiques permettant l'utilisation d'un laser à puissance d'écriture inférieure

Publication

EP 0839648 A1 19980506 (EN)

Application

EP 97203130 A 19971008

Priority

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- EP 96203003 A 19961029

Abstract (en)

According to the present invention there is provided a method for making lithographic printing plates comprising the image-wise exposure of a heat-sensitive imaging element comprising on a hydrophilic lithographic base an image-forming layer comprising hydrophobic thermoplastic polymer particles dispersed in a hydrophilic binder and a compound capable of converting light into heat present in said image-forming layer or a layer adjacent thereto and developing said imaging element by rinsing it with plain water or an aqueous solution. To allow for the use of lower laser writing power the heat-sensitive imaging element is heated to a temperature between 35 DEG C and 60 DEG C while being exposed.

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Citation (search report)

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