

Title (en)

A method for making positive working printing plates from a heat mode sensitive imaging element

Title (de)

Verfahren zur Herstellung positiv arbeitender Druckplatten aus einem wärmeempfindlichen Bildaufzeichnungselement

Title (fr)

Méthode pour la production de plaques d'impression positives à partir d'un élément thermosensible

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Application

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Abstract (en)

[origin: EP0908779A1] According to the present invention there is provided a method for making lithographic printing plates including the following steps: a) preparing a heat mode imaging element having on a lithographic base with a hydrophilic surface a first layer including a polymer, soluble in an aqueous alkaline solution, a compound capable of converting light to heat and a top layer on the same side of the lithographic base as the first layer which top layer is unpenetrable for an alkaline developer containing SiO₂ as silicate; b) exposing imagewise said heat mode imaging element to actinic light; c) developing said imagewise exposed heat mode imaging element with said alkaline developer so that the exposed areas of the top layer and the underlying areas of the first layer are dissolved and the unexposed areas of the first layer remain undissolved characterized in that said top layer includes an organic quaternary ammonium salt.

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Cited by

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