

Title (en)

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

Title (de)

Ein wärmeempfindliches Bildaufzeichnungsmaterial und ein Verfahren zur Herstellung einer positiv arbeitenden Druckplatte aus demselben wärmeempfindlichen Material

Title (fr)

Élément pour l'enregistrement de l'image thermosensible et le procédé pour la fabrication d'une plaque d'impression positive à partir de cet élément

Publication

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Application

EP 99200336 A 19990205

Priority

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- EP 98200831 A 19980314

Abstract (en)

[origin: EP0943451A1] According to the present invention there is provided a heat mode imaging element for making a lithographic printing plate having on a lithographic base with a hydrophilic surface a first layer including a polymer, soluble in an aqueous alkaline solution and a top layer on the same side of the lithographic base as the first layer which top layer is unpenetrable for or insoluble in an alkaline developer containing SiO₂ in the form of silicates ; characterized in that said first layer and said top layer comprise a compound capable of converting IR-light into heat.

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IPC 8 full level

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Cited by

EP1262318A3; EP1180728A3; EP1275497A3; EP1156371A3; EP1142707A1; EP1162063A3; EP1506856A3; EP1506857A3; EP1162063A2; US6649324B1; US6534238B1; US6637334B2; USRE41579E; US7029824B2; WO0233491A3; WO02096649A1; US6699636B2; US6352811B1; US7258961B2; US7341815B2

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