

Title (en)

Heat sensitive material , process for making lithographic printing plates and method of printing using this material

Title (de)

Wärmeempfindliches Material, Verfahren zur Herstellung von lithographischen Druckplatten und Druckverfahren, die diese verwenden

Title (fr)

Produit sensible à la chaleur, procédé de fabrication de plaques d'impression lithographiques et procédé d'impression l'utilisant

Publication

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Application

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Priority

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Abstract (en)

According to the present invention there is provided a heatsensitive material for making lithographic printing plates comprising on a lithographic support a first image-forming layer comprising a hydrophilic binder, a cross-linking agent for said hydrophilic binder and dispersed hydrophobic thermoplastic polymer particles, and as top image-forming layer a heat switchable image forming layer comprising a heat switchable polymer wherein said top image-forming layer or a layer adjacent to said top image-forming layer comprises a compound capable of converting light into heat, characterized in that said heat switchable polymer is a polymer containing aryldiazosulphonate units.

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Citation (search report)

- [A] EP 0773112 A1 19970514 - AGFA GEVAERT NV [BE]
- [AD] EP 0771645 A1 19970507 - AGFA GEVAERT NV [BE]

Cited by

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