

Title (en)

Compositions and solventless process for digital laser imageable lithographic printing plate production

Title (de)

Zusammensetzungen und lösungsmittelfreies Verfahren für die Herstellung von Flachdruckplatten, auf welche mittels Laser digital aufgezeichnet wird

Title (fr)

Compositions et procédé sans emploi de solvants pour la fabrication de plaques lithographiques pour l'enregistrement digitalisé par laser

Publication

**EP 0764522 B1 20000308 (EN)**

Application

**EP 96115137 A 19960920**

Priority

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Abstract (en)

[origin: EP0764522A2] The invention comprises a waterless, multilayered lithographic printing plate imagable by digitally controlled laser ablation. The plate exhibits superior impression life and is produced by solventless methods to yield low VOC. The plate contains a first solid substrate layer; a second infra-red light absorbing polymeric layer containing crosslinked functionality; and a polysiloxane top layer containing crosslinked functionality. At least the second layer and top layer contain interlayer crosslinked bonds. Optionally, the plate may contain a prime polymeric layer interposed between the first and second layer.

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IPC 8 full level

**B41N 1/00** (2006.01)

CPC (source: EP)

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Cited by

US6576399B1; CN111393699A; EP1031413A3; US6058841A; US6132933A; US6022668A; US6303271B1; US6558869B1; US6420087B1; WO9749557A1; WO0108885A1; WO9921725A1; WO9916621A1

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