

Title (en)

Method for making positive working lithographic printing plates

Title (de)

Verfahren zur Herstellung von positiv arbeitenden lithographischen Druckplatten

Title (fr)

Procédé de fabrication de plaques d'impression lithographiques positives

Publication

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Application

**EP 98200433 A 19980211**

Priority

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Abstract (en)

According to the present invention there is provided a method for making positive working lithographic printing plates comprising the image-wise exposure of a heat-sensitive imaging element with an infrared laser and developing said imaging element in a simple wet clean-out process. The imaging element is exposed on an internal or flatbed scanner with a laser having a pixel dwell time of less than 0.2  $\mu$ s to obtain a positive working printing plate having a high sensitivity.

IPC 1-7

**B41C 1/10**

IPC 8 full level

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Citation (search report)

- [XA] EP 0720057 A1 19960703 - KONISHIROKU PHOTO IND [JP]
- [PXL] EP 0803771 A1 19971029 - AGFA GEVAERT NV [BE]
- [T] EP 0839647 A1 19980506 - AGFA GEVAERT NV [BE]

Cited by

US6090532A; EP1023994A1; US6490975B1; KR100446408B1; US6063544A; KR100435407B1; US6358669B1; US6352812B1; US6472119B1; US6352811B1; US6534238B1; US6506533B1; US6667137B2; US6218083B1; US6280899B1; US6558872B1; USRE41579E

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