

Title (en)

Method of lithographic printing with a reusable substrate

Title (de)

Flachdruckverfahren mit einer wiederverwendbaren Trägeroberfläche

Title (fr)

Méthode pour l'impression lithographique utilisant un support à surface réutilisable

Publication

**EP 1118470 B1 20040324 (EN)**

Application

**EP 00200176 A 20000118**

Priority

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Abstract (en)

[origin: EP1118470A1] A direct-to-plate method of lithographic printing is disclosed which enables to recycle the lithographic substrate of the printing master. The method comprises the steps of (a) making a negative-working imaging material by coating on a hydrophilic substrate a coating solution comprising hydrophobic thermoplastic polymer particles and a hydrophilic binder; (b) making a printing master having ink-accepting areas by imagewise exposing the imaging material; (c) applying ink and fountain solution to the printing master; (d) removing the ink-accepting areas from the printing master by supplying an alcohol and preferably also an alkanolamine. The above steps are preferably carried out on-press.

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IPC 8 full level

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