

Title (en)

Method of lithographic printing with a reusable printing plate substrate

Title (de)

Flachdruckverfahren mit einem wiederverwendbaren Druckplattenträger

Title (fr)

Procédé d'impression lithographique avec un support de plaque d'impression réutilisable

Publication

EP 1118472 A1 20010725 (EN)

Application

EP 00200178 A 20000118

Priority

EP 00200178 A 20000118

Abstract (en)

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 amide 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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Citation (search report)

- [A] EP 0081355 A1 19830615 - INTERCONTINENTAL CHEM CORP [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 095 (P - 681) 29 March 1988 (1988-03-29)

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EP1312473A3; US6884563B2; US10022965B2; US9701120B2

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