

Title (en)

Printing press with a printing form to be deleted

Title (de)

Druckmaschine mit einer löschbaren Druckform

Title (fr)

Presse à imprimer avec une forme d'impression à supprimer

Publication

EP 0520332 B1 19960320 (DE)

Application

EP 92110378 A 19920619

Priority

AU PK699391 A 19910628

Abstract (en)

[origin: US5213041A] To prepare a re-usable lithographic printing plate for printing, an imaging deposit is projected on the plate surface by jet printing using an ejectable substance containing a heat fusible component. The substance forms an imaging deposit which is fused to the surface of the printing plate (1) using a variable frequency and variable power induction heater (5). After printing the imaging, the deposit can be removed from the surface of the printing plate (1) using the same variable frequency induction heater (5) but transferring heat energy at a higher effective energy level to the fusible substance.

IPC 1-7

B41C 1/10; **B41M 1/00**; **B41N 3/00**

IPC 8 full level

B41C 1/055 (2006.01); **B41C 1/10** (2006.01); **B41M 5/00** (2006.01); **B41N 3/00** (2006.01); **G03F 7/00** (2006.01)

CPC (source: EP US)

B41C 1/1066 (2013.01 - EP US); **B41N 3/006** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

US 5213041 A 19930525; DE 59205729 D1 19960425; EP 0520332 A1 19921230; EP 0520332 B1 19960320; JP H05185575 A 19930727

DOCDB simple family (application)

US 88978192 A 19920528; DE 59205729 T 19920619; EP 92110378 A 19920619; JP 16740592 A 19920625