

Title (en)

Method and apparatus for making a printing plate

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Druckform

Title (fr)

Méthode et dispositif de fabrication d'une plaque d'impression

Publication

**EP 1262315 A1 20021204 (DE)**

Application

**EP 01112705 A 20010525**

Priority

EP 01112705 A 20010525

Abstract (en)

A relief pattern is produced in the surface (2) of a polymeric type form preform by material removal from the surface. Material is burnt away by irradiation along paths. Different depths of relief area(A,B,C) are produced along the same path by repeated irradiation along the path. An Independent claim is made for the process equipment which has a laser for irradiating a surface (2) of the preform (1) and a laser control unit. Data files contain commands for switching laser beams on and off along a path and each file allows time-displaced operation of beams.

Abstract (de)

Bei der Herstellung einer Druckform wird in die Oberfläche eines Druckformrohlings (1) ein Relief dadurch eingebracht, daß Material des Druckformrohlings (1) entlang von Spuren durch Strahlung abgetragen wird. Zu diesem Zweck werden entlang jeweils ein und derselben Spur unterschiedlich tief liegende Reliefbereiche durch entsprechend häufiges Bestrahlen erzeugt. <IMAGE>

IPC 1-7

**B41C 1/05**; **B41B 19/00**

IPC 8 full level

**B23K 26/00** (2006.01); **B41B 19/00** (2006.01); **B41C 1/05** (2006.01)

CPC (source: EP US)

**B41B 19/00** (2013.01 - EP US); **B41C 1/05** (2013.01 - EP US)

Citation (search report)

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- [A] US 5427026 A 19950627 - KUWAHARA SOICHI [JP]

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