

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 1262316 A1 20021204 (DE)

Application

EP 01112706 A 20010525

Priority

EP 01112706 A 20010525

Abstract (en)

Recesses (V) forming part of a relief pattern are burnt away in a type form preform (1) by irradiation of preform material along paths (6). Flat areas left between the recesses are also irradiated so that deeper flat areas (P2) are created at various depths. An Independent claim is made for the process equipment which has a laser for irradiating a surface (2) of the preform and a laser control unit. Data files deliver commands to the control unit for switching the beam on and off as the laser moves along a path and enables the deeper flat areas to be created.

Abstract (de)

Bei einer Druckform wird in die Oberfläche eines Druckformrohrlings (1) ein Relief dadurch eingebracht, daß Material des Druckformrohrlings (1) entlang von Spuren bereichsweise durch Strahlung abgetragen wird, um dadurch Ausnehmungen (V) zu bilden, zwischen denen Plateaus zu liegen kommen. Erfindungsgemäß wird auch die zwischen den Ausnehmungen (V) liegende Oberfläche des Druckformrohrlings (1) durch Strahlung abgetragen, um dadurch tiefer liegende Plateaus (P2) zu erhalten. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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