

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 B1 20041117 (DE)

Application
EP 01112705 A 20010525

Priority
EP 01112705 A 20010525

Abstract (en)
[origin: EP1262315A1] 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.

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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)

Cited by
EP2743025A3; DE102007015263A1; AT511830A4; AT511830B1; WO2005113240A1; US8066837B2; US7223524B2; WO2004091927A1; US9796202B2; EP2300192B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1262315 A1 20021204; **EP 1262315 B1 20041117**; **EP 1262315 B8 20050105**; AT E282526 T1 20041215; CN 1208190 C 20050629; CN 1387996 A 20030101; DE 50104541 D1 20041223; ES 2233522 T3 20050616; HK 1052320 A1 20030911; HK 1052320 B 20051209; JP 2003053928 A 20030226; JP 3556204 B2 20040818; US 2002195012 A1 20021226; US 6857365 B2 20050222

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