

Title (en)

Method and means for imaging a printing plate

Title (de)

Verfahren und Vorrichtung zur Bebilderung einer Druckform

Title (fr)

Procédé et dispositif pour la formation d'images sur une plaque d'impression

Publication

EP 1623828 A2 20060208 (DE)

Application

EP 04105681 A 20041111

Priority

DE 10357432 A 20031209

Abstract (en)

The method involves generating sequence of laser pulses corresponding to image areas to be formed on printing form such as printing plate. An amplifier amplifying the sequence of pulses is discharged in a controlled manner by additional pulse corresponding to non-image area of printing form, to prevent self excitation of interference pulses of amplifier. Independent claims are also included for the following: (1) printing form imaging device; (2) printing material processing machine; and (3) plate setter.

IPC 8 full level

B41C 1/055 (2006.01); **B41C 1/10** (2006.01); **B23K 26/00** (2006.01); **B41C 1/00** (2006.01); **B41C 1/05** (2006.01); **B41F 7/02** (2006.01); **B41J 2/435** (2006.01); **B41M 5/00** (2006.01); **G03F 7/20** (2006.01); **G03G 13/00** (2006.01); **G03G 15/00** (2006.01); **H04N 1/036** (2006.01); **H04N 1/38** (2006.01)

CPC (source: EP US)

B41C 1/05 (2013.01 - EP US); **B41P 2227/70** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2005134676 A1 20050623; **US 7259774 B2 20070821**; CA 2481157 A1 20050312; CN 100486809 C 20090513; CN 1626337 A 20050615; DE 10357432 A1 20050707; EP 1623828 A2 20060208; EP 1623828 A3 20060517; IL 165557 A0 20060115; IL 165557 A 20070819; JP 2005173608 A 20050630

DOCDB simple family (application)

US 630104 A 20041206; CA 2481157 A 20040910; CN 200410100603 A 20041209; DE 10357432 A 20031209; EP 04105681 A 20041111; IL 16555704 A 20041205; JP 2004355247 A 20041208