

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 A3 20060517 (DE)**

Application

**EP 04105681 A 20041111**

Priority

DE 10357432 A 20031209

Abstract (en)

[origin: US2005134676A1] A method for imaging a printing form, in which a laser ( 140 ) generates a sequence of pulses ( 172, 220 ) of electromagnetic radiation corresponding to the image information of an image area ( 200, 202, 204, 206 ) to be generated on the printing form ( 118 ), and the image area ( 200, 202, 204, 206 ) to be generated on the printing form ( 118 ) is patterned according to the image information by interaction with the electromagnetic radiation, has the feature that the sequence of pulses ( 172, 220 ) of electromagnetic radiation is amplified by an amplifier ( 160 ); the amplifier ( 160 ) being discharged in a controlled manner by additional pulses ( 176, 222 ) corresponding to a non-image area ( 132, 208, 210, 212 ) of the printing form ( 118 ) in such a way that interference pulses of the amplifier ( 160 ) are prevented.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [DA] DE 19619983 A1 19961121 - IRMA AMERICA INC [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 02 2 April 2002 (2002-04-02)

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