

Title (en)

Process for the regulation of the temperature within a device for the inscription of printing plates using a laser radiation particularly for an offset printing machine

Title (de)

Verfahren und Vorrichtung zur Regelung der Temperatur in einer mit Laserlicht arbeitenden Druckplatten-Beschriftungseinheit, insbesondere einer Offset-Druckmaschine

Title (fr)

Procédé pour la régulation de la température dans une machine pour l'inscription des plaques pour l'impression utilisant un rayonnement laser en particulier une machine offset

Publication

EP 0805021 A3 19980107 (DE)

Application

EP 97105896 A 19970410

Priority

DE 19617552 A 19960502

Abstract (en)

[origin: EP0805021A2] The method involves operating a heat source (18) placed close to the laser light source (10) so that the temp. of the light source, which is switched on and off according to the image to be reproduced, is held as constant as possible. The heat generated by the heat source per time unit is increased when the light source is off and is reduced when the light source is on. The heat generated by the heat source per time unit essentially corresp. to that generated by the light source.

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IPC 8 full level

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CPC (source: EP US)

B41C 1/1083 (2013.01 - EP US); **B41J 29/377** (2013.01 - EP US)

Citation (search report)

- [Y] DE 3603548 A1 19861002 - VIDEOTON ELEKT VALLALAT [HU]
- [Y] DE 9302494 U1 19930422
- [DY] US 5351617 A 19941004 - WILLIAMS RICHARD A [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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