

Title (en)

Apparatus and method for making a printing plate

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Druckform

Title (fr)

Dispositif et méthode de fabrication d'une plaque d'impression

Publication

EP 0698488 B1 19981007 (DE)

Application

EP 95112842 A 19950816

Priority

DE 4430555 A 19940827

Abstract (en)

[origin: EP0698488A1] The method involves heating of a surface layer according to an image using one or more laser beams (L) from a laser print head (2) and applying a driven surface element to a printing body (1), esp. to a seamless printing cylinder. A strip-shaped transfer foil (8) of narrow width compared to the width of the printing body is continuously passed between the printing body and laser beams or beam and close to the surface of the printing body during imaging. The foil is thus moved simultaneously and synchronously to the motion of the laser beam or beams over the breadth of the printing body.

IPC 1-7

B41C 1/10

IPC 8 full level

B41C 1/05 (2006.01); **B41C 1/055** (2006.01); **B41C 1/06** (2006.01); **B41C 1/10** (2006.01)

CPC (source: EP US)

B41C 1/1091 (2013.01 - EP US); **B41C 1/1075** (2013.01 - EP US)

Citation (examination)

- EP 0522804 A1 19930113 - ROCKWELL INTERNATIONAL CORP [US]
- JP S62280038 A 19871204 - FUJI PHOTO FILM CO LTD

Cited by

DE19939240C2; DE19937478B4; EP1048458A1; US6424366B1; US6587134B2; US6525008B2; US6677010B1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0698488 A1 19960228; **EP 0698488 B1 19981007**; CA 2156534 A1 19960228; CA 2156534 C 20000229; DE 4430555 C1 19960404; DE 59503839 D1 19981112; JP 2837116 B2 19981214; JP H0866994 A 19960312; US 5601022 A 19970211

DOCDB simple family (application)

EP 95112842 A 19950816; CA 2156534 A 19950818; DE 4430555 A 19940827; DE 59503839 T 19950816; JP 21752995 A 19950825; US 37413995 A 19950118