

Title (en)

Stamp device employing a heat sensitive stencil paper to be perforated by heat of a thermal head

Title (de)

Stempelvorrichtung mit einem wärmeempfindlichen, durch Hitze eines thermischen Schreibkopfs perforierbaren Schablonenpapier

Title (fr)

Dispositif de tampon utilisant du papier stencil thermosensible destiné à être perforé par la chaleur d'une tête d'impression thermique

Publication

**EP 0493965 B1 19970312 (EN)**

Application

**EP 91312016 A 19911224**

Priority

- JP 10422591 A 19910509
- JP 12102891 A 19910527
- JP 41719090 A 19901229

Abstract (en)

[origin: EP0493965A1] In a stamping device (12), a stamping stencil (20) is produced and used which does not require manual application of ink to the stencil (20). Data concerning an image, which may include character, figure and/or symbol data, is input by a input unit, a thermal head (16) generates heat on the basis of the data and transmits the heat to the thermal stencil paper (20) disposed at the printing position. As a result, a corresponding pattern of pores is produced, by the heat of the thermal head (16), in the thermal stencil paper (20). Ink is supplied to the pores by an ink supply unit (30) at an ink supplying position when pressure is applied to the back of the ink supply. <IMAGE>

IPC 1-7

**B41K 1/32**; **B41J 3/24**

IPC 8 full level

**B41J 3/24** (2006.01); **B41K 1/32** (2006.01)

CPC (source: EP)

**B41J 3/24** (2013.01); **B41K 1/32** (2013.01)

Cited by

DE19655052B4; EP0723871A3; US5329848A; DE19632280A1; DE19632280C2; FR2737683A1; US5970868A; US6085648A; EP0557013A1; EP0515067A1; CN101670701A; EP0562761B1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

**EP 0493965 A1 19920708**; **EP 0493965 B1 19970312**; DE 69125132 D1 19970417; DE 69125132 T2 19970807

DOCDB simple family (application)

**EP 91312016 A 19911224**; DE 69125132 T 19911224