

Title (en)

Ink feeding method and apparatus for printing press.

Title (de)

Vorrichtung und Verfahren zum Zuführen von Farbe für Druckmaschinen.

Title (fr)

Procédé et dispositif pour alimenter en encre des presses à imprimer.

Publication

EP 0300389 A2 19890125 (EN)

Application

EP 88111464 A 19880716

Priority

JP 17995087 A 19870721

Abstract (en)

An apparatus for feeding ink from an ink pan (11) to a vibration roller (16), incorporated in a printing press, such as an offset press or a letter press, including a dip roller (13) rotatably in contact with an ink (12) received in the ink pan (11), a doctor blade (14) for forming an ink layer (2a) having a predetermined thickness on the surface of the dip roller (13), a vibration roller (16) disposed downstream of the dip roller (13), and a plurality of small rollers (15a through 15g) interposed between the dip roller (13) and the vibration roller (16) and periodically movable to be alternately in contact with either the surface of the dip roller (13) or the surface of the vibration roller (16). The reciprocation of each respective small rollers (15a through 15g) is controlled independently from the other small rollers (15a through 15g), through a drive mechanism comprising a solenoid (14), by a program memorized in a microcomputer so that the contact time period of the small roller (15a through 15g) in a cycle varies in accordance with a variation of the ink consumption in the widthwise direction of the press.

IPC 1-7

B41F 31/14

IPC 8 full level

B41F 31/14 (2006.01); **B41F 31/15** (2006.01)

CPC (source: EP KR)

B41F 31/15 (2013.01 - EP); **B41F 31/18** (2013.01 - KR)

Cited by

CN104781076A

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0300389 A2 19890125; **EP 0300389 A3 19900425**; JP S6424753 A 19890126; KR 890001738 A 19890328

DOCDB simple family (application)

EP 88111464 A 19880716; JP 17995087 A 19870721; KR 880009085 A 19880720