

Title (en)
INKING SYSTEM FOR FLEXOGRAPHIC PRINTING PRESSES

Title (de)
FARBWERKSAUFBAU BEI FLEXODRUCKMASCHINEN

Title (fr)
SYSTEME D'ENCRAGE POUR DES PRESSES FLEXOGRAPHIQUES

Publication
EP 1511631 A1 20050309 (DE)

Application
EP 03755039 A 20030512

Priority
• DE 10223666 A 20020528
• EP 0304952 W 20030512

Abstract (en)
[origin: WO03099567A1] The invention relates to an inking system (3) of a flexographic printing press that comprises a pattern roller (10) and a printing roller (20). Inking systems of the aforementioned type normally comprise adjusting devices (11, 12, 13, 14, 15, 21, 22, 23, 24, 25) with which (11, 12, 13, 14, 15, 21, 22, 23, 24, 25) the positions of the two rollers (10, 20) involved in the transport of ink towards the counter roller (1) and the positions of the two rollers (10, 20) involved in the transport of ink relative each other can be adjusted by displacing bearing blocks (15, 25) in which the arbors of the two rollers (10, 20) involved in the transport of ink are mounted. The force required to adjust the position of the two rollers (10, 20) involved in the transport of ink is made available by motors (11, 21) that rotate spindles (12, 22) that extend through nuts that are non-rotationally mounted in the bearing blocks (15, 25). The invention is especially characterized in that all motors (11, 21) are mounted on the machine frame (2) on that side of the two rollers (10, 20) involved in the transport of ink that faces the counter-roller (1).

IPC 1-7
B41F 31/30; **B41F 5/24**

IPC 8 full level
B41F 5/24 (2006.01); **B41F 13/30** (2006.01); **B41F 31/30** (2006.01)

CPC (source: EP US)
B41F 5/24 (2013.01 - EP US); **B41F 13/30** (2013.01 - EP US); **B41F 31/307** (2013.01 - EP US)

Citation (search report)
See references of WO 03099567A1

Designated contracting state (EPC)
DE ES IT

DOCDB simple family (publication)
WO 03099567 A1 20031204; AU 2003232757 A1 20031212; DE 10223666 A1 20040108; DE 10223666 B4 20060614;
DE 50306316 D1 20070308; EP 1511631 A1 20050309; EP 1511631 B1 20070117; ES 2279150 T3 20070816; US 2005211117 A1 20050929;
US 7258066 B2 20070821

DOCDB simple family (application)
EP 0304952 W 20030512; AU 2003232757 A 20030512; DE 10223666 A 20020528; DE 50306316 T 20030512; EP 03755039 A 20030512;
ES 03755039 T 20030512; US 50485904 A 20040830