

Title (en)

Method of adjusting the inking unit of a printing machine.

Title (de)

Verfahren zum Einstellen des Farbwerks einer Druckmaschine.

Title (fr)

Procédé de réglage de l'encrier d'une machine à imprimer.

Publication

EP 0135700 A2 19850403 (DE)

Application

EP 84108725 A 19840724

Priority

DE 3331208 A 19830830

Abstract (en)

[origin: US4570539A] The ink dosing elements in the ink fountain of a printing machine are adjusted to reference positions in response to measurement of the amount of ink applied to the fountain roller at the respective inking zones. The reference positions are stored in a data memory for future use or are adjusted in accordance with predetermined values to arrive at the settings of the ink dosing elements for obtaining a desired ink profile. Preferably an optical densitometer mounted on a rail parallel to the fountain roller measures the amount of ink, and the densitometer is initially calibrated at an ink-free zone on the fountain roller. According to a manual embodiment, a first one of the ink dosing elements is brought to a reference position by an operator while viewing the respective inking zone, for example, to obtain a permissible minimum of ink. The densitometer is moved to measure the ink at the first inking zone, and is successively moved to measure the ink at the other inking zones while the respective ink dosing elements are adjusted to obtain substantially the same measured values for all of the inking zones. Alternatively, the method is performed by a remote control computer.

Abstract (de)

Es wird ein Verfahren zum Einstellen des Farbwerks einer Druckmaschine mit mehreren Farbdosierelementen (2-10), deren Abstände zu einer Farbkastenwalze (1) unabhängig voneinander einstellbar sind, beschrieben, bei dem der Farbauftrag auf die Farbkastenwalze in den einzelnen Farbzonen (2'-10') mittels eines Densitometers (12) zonenweise gemessen wird, wobei die Farbdosierelemente (2-10) nacheinander so weit verstellt werden, bis der gemessene Farbauftrag in allen Farbzonen gleich ist. Als Meßvorrichtung ist ein Densitometer vorgesehen, dessen Tastkopf (12) auf einer Schiene in konstantem Abstand entlang der Farbkastenwalze (1) bewegbar ist.

IPC 1-7

B41F 33/00; **B41F 31/04**

IPC 8 full level

B41F 31/02 (2006.01); **B41F 31/04** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 31/045 (2013.01 - EP US); **B41F 33/0063** (2013.01 - EP US)

Cited by

DE102009058851A1; EP0531675A1; DE102007054289A1; WO2010031695A1

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0135700 A2 19850403; **EP 0135700 A3 19870325**; **EP 0135700 B1 19900627**; AT E54102 T1 19900715; DE 3331208 A1 19850314; DE 3331208 C2 19880225; JP S6072729 A 19850424; US 4570539 A 19860218

DOCDB simple family (application)

EP 84108725 A 19840724; AT 84108725 T 19840724; DE 3331208 A 19830830; JP 17763684 A 19840828; US 64626084 A 19840830