

Title (en)
Presetting of inking units.

Title (de)
Farbwerksvoreinstellung.

Title (fr)
Réglage initial pour dispositifs d'encre.

Publication
EP 0141168 A2 19850515 (DE)

Application
EP 84110697 A 19840907

Priority
DE 3338143 A 19831020

Abstract (en)
[origin: US4660470A] As ink is conveyed through the inking unit of a printing machine, a state of equilibrium occurs which ensures adequate inking of the printing plate during continuous printing. The equilibrium state includes different ink gradients for the respective printing zones superimposed on a uniform base level. In order to achieve the state of equilibrium rapidly and easily at the start of printing, an ink distribution is produced in the inking unit before printing closely matching the state of equilibrium for continuous printing. An accurately defined ink film distribution is initially fed to the inking unit rollers via the vibrator. Preferably, when the ink applicator rollers are thrown off of the plate cylinder and the sheet feed is off, a predetermined amount of ink is introduced to the inking unit. The vibrator is then shut off and the base level of ink is allowed to become uniformly distributed. Next the ink profile is set at the ink metering elements and the vibrator is turned on. When the ink profile propagates to the applicator rollers, the applicator rollers are thrown on to the plate cylinder and the sheet feed is turned on.

Abstract (de)
Um eine Druckmaschine für den Druck vorzubereiten, ist es notwendig, das Farbwerk mit Druckfarbe zu füllen. Beim Transport der Druckfarbe durch das Farbwerk stellt sich ein Gleichgewicht ein, das im Fortdruck eine ausreichende Einfärbung der Druckplatte sicherstellt. Zur schnellen und einfachen Erreichung des Gleichgewichts wird ein Verfahren vorgeschlagen, mit dem die Verteilung der Druckfarbe im Farbwerk definiert erzeugt und nah an den Fortdruckzustand oder schon ins Fortdruckgleichgewicht gebracht werden kann.

IPC 1-7
B41F 33/00; **B41F 31/00**

IPC 8 full level
B41F 31/02 (2006.01); **B41F 31/00** (2006.01); **B41F 31/04** (2006.01); **B41F 31/14** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)
B41F 31/00 (2013.01 - EP US); **B41F 31/04** (2013.01 - EP US); **B41F 33/0027** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US); **B41P 2233/11** (2013.01 - EP US)

Cited by
EP0529257A1; EP0706885A1; EP0453855A1; FR2612122A1; US6006662A; EP0897799A3; EP2567817A3

Designated contracting state (EPC)
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