

Title (en)
PRESETTING OF INKING UNITS

Publication
EP 0141168 B1 19910417 (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.

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

IPC 8 full level
B41F 31/00 (2006.01); **B41F 31/02** (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; US6006662A; EP0897799A3; EP2567817A3; EP0706885A1; EP0453855A1; FR2612122A1

Designated contracting state (EPC)
AT CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0141168 A2 19850515; EP 0141168 A3 19890201; EP 0141168 B1 19910417; AT E62626 T1 19910515; DE 3338143 A1 19850509; DE 3338143 C2 19861218; JP H044947 B2 19920129; JP S60101048 A 19850605; US 4660470 A 19870428

DOCDB simple family (application)
EP 84110697 A 19840907; AT 84110697 T 19840907; DE 3338143 A 19831020; JP 21876684 A 19841019; US 66322784 A 19841022