

Title (en)

Method for supplying ink in a printing machine

Title (de)

Verfahren zum Zuführen von Druckfarbe bei einer Druckmaschine

Title (fr)

Procédé pour alimenter en encre une machine d'impression

Publication

EP 0657288 B1 19970409 (DE)

Application

EP 94118168 A 19941118

Priority

- DE 4341010 A 19931202
- DE 4341011 A 19931202
- DE 4429481 A 19940819

Abstract (en)

[origin: EP0657288A1] A method for supplying printing ink in the vibrating inking unit of a printing machine, in which the supply takes place transversely relative to the printing direction in a zonally varying manner in each case by adjusting a film thickness gradient of the printing ink directed towards the printing forme, is to be improved in such a way that, especially in the case of a small proportion of the surface of the printing forme to be printed, the fewest possible balancing sheets in relation to a steady-state inking level can be achieved relative to the next steady-state inking level. According to the invention, this is achieved in that, in at least one zone and at least for a specific duration, a delivery of printing ink takes place by adjusting a film thickness gradient directed in the opposite direction. This can be achieved, for example, in that no supply of printing ink takes place in specific zones and the return flow of ink present in these zones is balanced by an increased supply of printing ink in other zones with a correspondingly steeper film thickness gradient.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

B41F 31/045 (2013.01); **B41F 33/0027** (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0657288 A1 19950614; **EP 0657288 B1 19970409**; AT E151347 T1 19970415; JP 3121999 B2 20010109; JP H07251498 A 19951003

DOCDB simple family (application)

EP 94118168 A 19941118; AT 94118168 T 19941118; JP 29987794 A 19941202