

Title (en)

METHOD FOR DOSING THE QUANTITY OF INK IN THE INKING SYSTEM OF A PRINTING MACHINE

Title (de)

VERFAHREN ZUR FARBMENGENDOSIERUNG IM FARBWerk EINER DRUCKMASCHINE

Title (fr)

PROCEDE DE DOSAGE DE LA QUANTITE DE COLORANT DANS LE MECANISME D'ENCRAGE D'UNE MACHINE A IMPRIMER

Publication

EP 1742798 B1 20100908 (DE)

Application

EP 05740156 A 20050426

Priority

- EP 2005051856 W 20050426
- DE 102004022026 A 20040503

Abstract (en)

[origin: WO2005108081A1] The invention relates to a method for dosing the quantity of ink in the inking system of a printing machine, said inking system being provided with at least one dosing device that can be used to modify the quantity of ink transferred by the inking system. The dosing device can be adjusted by means of an adjusting element in such a way as to modify the quantity of ink to be transferred. The inventive method comprises the following steps: a modification of the quantity of ink is defined by the adjustment of the adjusting element; and the dosing device is adjusted according to a pre-determined correlation between the measure of the adjustment of the adjusting device and the current state of the dosing device, the adjustment of the dosing device being carried out according to the correlation between the measure of the adjustment of the adjusting element and the current state of the dosing device, in such a way that the relation between the modification of the quantity of ink caused by the adjustment of the dosing device and the ink quantity transferred by the dosing device remains essentially constant.

IPC 8 full level

B41F 31/04 (2006.01)

CPC (source: EP US)

B41F 31/04 (2013.01 - EP US); **Y10S 101/47** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005108081 A1 20051117; AT E480401 T1 20100915; CN 100515768 C 20090722; CN 1960874 A 20070509; DE 102004022026 A1 20051201; DE 102004022026 B4 20060316; DE 502005010225 D1 20101021; EP 1742798 A1 20070117; EP 1742798 B1 20100908; US 2008011176 A1 20080117; US 7634964 B2 20091222

DOCDB simple family (application)

EP 2005051856 W 20050426; AT 05740156 T 20050426; CN 200580013288 A 20050426; DE 102004022026 A 20040503; DE 502005010225 T 20050426; EP 05740156 A 20050426; US 57915405 A 20050426