

Title (en)

Speed adjusting device for form rollers in a rotary offset printing press

Title (de)

Farbauftragwalzendrehzahlsteuerung für Offsetrotationsdruckmaschinen

Title (fr)

Dispositif pour contrôler la vitesse d'un rouleau encreur dans une machine à imprimer rotative offset

Publication

EP 0653302 B1 19990428 (DE)

Application

EP 94810569 A 19940930

Priority

DE 4335282 A 19931015

Abstract (en)

[origin: EP0653302A1] The present invention relates to a method and a device for controlling the operating parameters of a forme inking roller (1) in a printing unit of an offset rotary printing machine, having at least one driven forme cylinder (2) which is driven by a main drive and bears at least one printing forme, and having a swivel lever (12) which is linked at its one end to a point which is fixed relative to the printing-machine frame and whose second end is free. A forme inking roller which has a soft elastic surface is rotatably mounted and driven in the swivel lever. An adjusting stop (22) which can be adjusted by motor power bounds the swivel range of the swivel lever, and a pressing-on device presses the free end of the swivel lever (23) in the direction of the forme cylinder. The pressing-on forces forming the application strip width and the speeds of the forme inking roller and of the forme cylinder are recorded and transmitted to a computer to calculate a speed compensation for the forme inking roller and/or an adjustment path for the adjusting stop assigned to the swivel lever. The speed compensation calculated is transmitted as a setting signal for the forme inking roller to the auxiliary drive motor or the adjusting path for the swivel lever is transmitted as a setting signal to the adjusting stop.
<IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

B41F 31/004 (2013.01)

Citation (examination)

- DE 3825517 A1 19900201 - WIFAG MASCHF [CH]
- DE 9215906 U1 19930225

Cited by

EP4368396A1; EP1457333A3; EP1407882A3; DE19730681B4; EP2657021A1; CN104245315A; RU2616908C2; US6668719B2; US6886461B2; WO0149491A3; WO0187036A3; US9315011B2; US9597864B2; WO2013160853A3; WO2013160856A3

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