

Publication

EP 0140056 A2 19850508 (DE)

Application

EP 84110610 A 19840906

Priority

DE 3339552 A 19831102

Abstract (en)

[origin: US4665824A] A job strip encoding printing process data is disposed on an indicia-free zone of an associated printing plate. The printing process data include process control data, press presetting data and organization data for the entire print order using the associated printing plate. Preferably, all of the important printing adjustments are computer controlled and the printing machine includes a scanner for automatically reading the job strip when the printing plate is clamped onto the plate cylinder of the printing machine. The job strip is not integral with the printing plate so that the printing process data are easily changed. The job strip, however, is attached to the printing plate and therefore the printing process data and associated printing plates are not mixed up in the print shop. The job strip is elongated and aligned parallel and adjacent to a longitudinal edge portion of the printing plate which is clamped to the plate cylinder. The job strip is circumferentially displaced from but located close to the area of the printing plate which is capable of printing and which engages the blanket cylinder, so that the inking rollers roll over the job strip during printing to keep it clean for scanning.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung zur Steuerung des Druckprozesses in einer Druckmaschine, wobei Lesegeräte (8, 9, 10, 13) die Druckplatte (1), im aufgespannten Zustand, abtastet und in einem Mikrocomputer abgespeichert, womit alle wichtigen Druckvorgänge einstellbar werden. Die Druckplatte (1) weist hierzu in der druckbildfreien Zone eine Arbeitsleiste (2) auf. Die Arbeitsleiste (2) enthält Daten für den Druckregelungsprozeß. Diese Daten sind z.B. Prozeßsteuerdaten, Maschinenvoreinstellenden und Organisationsdaten des gesamten Druckauftrages. Weiterhin weist die Arbeitsleiste (2) einen nach dem Herstellungsverfahren der Druckplatte (1) anbringbaren Informationsträger (6) auf. Ein Verwechseln der Druckplatten (1) mit den zugehörigen Datenträgerbänder kann in den Druckereien nicht mehr erfolgen.

IPC 1-7

B41F 33/00

IPC 8 full level

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

CPC (source: EP US)

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Citation (applicant)

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Designated contracting state (EPC)

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EP 0140056 A2 19850508; **EP 0140056 A3 19851204**; **EP 0140056 B1 19880608**; AT E34939 T1 19880615; DE 3339552 A1 19850509; JP H0519466 B2 19930316; JP S60110455 A 19850615; US 4665824 A 19870519

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