

Title (en)

Method and means for flat guiding of sheets in the grippers on the curved surface of a rotary printing machine cylinder

Title (de)

Verfahren und Vorrichtung zur flächigen Führung von im Greiferschluss fixierten Bogen auf einer gekrümmten Oberfläche eines Zylinders einer Rotationsdruckmaschine

Title (fr)

Procédé et dispositif pour le guidage plat de feuilles fixées dans les pinces sur la surface courbe d'un cylindre dans une machine à imprimer rotative

Publication

EP 0699527 B1 19990407 (DE)

Application

EP 95110975 A 19950713

Priority

DE 4430105 A 19940825

Abstract (en)

[origin: EP0699527A2] Sheets secured by grips are fed onto the printing roller before the printing zone, the roller being preceded by a sheet-guiding roller. The sheet is guided pneumatically or mechanically onto the printing roller (2) and along an arc formed between the printing zone (13) of the printing roller and the transfer area. The sheet passes between the transfer area and the guiding roller (3), and is stretched before the transfer area (15) against its travel direction. A guide system (14) running in a curve (12) before the printing zone (13) can have sheet-smoothing equipment (8) connected to a vacuum source below the transfer area.

IPC 1-7

B41F 21/10; **B41F 25/00**; **B65H 23/34**; **B65H 5/12**; **B65H 5/38**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- DE 4217813 A1 19931202 - HEIDELBERGER DRUCKMASCH AG [DE]
- "Lexikon des Offsetdrucks"; Band 4, Teil 1, des Lexikons der gesamten grafischen Technik; Wolfgang Walenski; Seite 48; Verlag Beruf + Schule, Itzehoe; 1993

Cited by

EP1251090A3; EP0812685A1; EP1123804A1

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EP 0699527 A2 19960306; **EP 0699527 A3 19961009**; **EP 0699527 B1 19990407**; AT E178531 T1 19990415; DE 4430105 A1 19960229; DE 4430105 C2 19960704; DE 59505568 D1 19990512

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