

Title (en)

Method and device for guiding sheets in a printing machine

Title (de)

Verfahren und Einrichtung zur Bogenführung in einer Druckmaschine

Title (fr)

Procédé et dispositif pour guider des feuilles dans une machine à imprimer

Publication

**EP 1134081 A3 20040114 (DE)**

Application

**EP 01105535 A 20010306**

Priority

DE 10011979 A 20000311

Abstract (en)

[origin: EP1134081A2] The method involves using a unit, which is arranged in the conveying direction in the space in front of a printing zone (15) formed by a rubber blanket or printing cylinder (11) and a sheet guide cylinder and is axially parallel to the sheet guide cylinder. The unit has at least one chamber with openings for blast air exits, to press the sheet on the assigned surface. The chamber forms a tapering entry gap to the printing zone. The air delivers a high pressure level on the sheet in the conveying direction of the sheet before the printing zone in a first pressure distribution area (16). A lower pressure level is applied in a second pressure distribution area (22). A high pressure level is applied in a third pressure distribution area (23), which is larger than the pressure level in the first pressure distribution area, at least directly in the area of the printing zone. An Independent claim is included for a unit for implementing the method.

IPC 1-7

**B41F 25/00; B65H 5/38**

IPC 8 full level

**B41F 25/00** (2006.01)

CPC (source: EP)

**B41F 25/00** (2013.01)

Citation (search report)

- [YDA] DE 19753089 A1 19990602 - ROLAND MAN DRUCKMASCH [DE]
- [YA] EP 0922577 A1 19990616 - ROLAND MAN DRUCKMASCH [DE]
- [YA] EP 0858889 A2 19980819 - ROLAND MAN DRUCKMASCH [DE]
- [A] DE 19829095 A1 20000105 - ROLAND MAN DRUCKMASCH [DE]
- [AD] DE 19523076 A1 19970102 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

FR2817504A1; CN103425147A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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