

Title (en)

Device for guiding sheets in a printing machine

Title (de)

Einrichtung zur Bogenführung in einer Druckmaschine

Title (fr)

Dispositif pour guider des feuilles dans une machine à imprimer

Publication

EP 1134081 B1 20090610 (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 8 full level

B41F 25/00 (2006.01); **B65H 5/38** (2006.01)

CPC (source: EP)

B41F 25/00 (2013.01)

Cited by

CN103425147A; FR2817504A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1134081 A2 20010919; EP 1134081 A3 20040114; EP 1134081 B1 20090610; AT E433376 T1 20090615; DE 10011979 A1 20020321; DE 10011979 B4 20040603; DE 10011979 C5 20080214; DE 50114928 D1 20090723

DOCDB simple family (application)

EP 01105535 A 20010306; AT 01105535 T 20010306; DE 10011979 A 20000311; DE 50114928 T 20010306