

Title (en)
Sheet guiding device in a printing machine

Title (de)
Bogenführungseinrichtung in einer Druckmaschine

Title (fr)
Dispositif de guidage de feuilles dans une machine à imprimer

Publication
EP 0924069 B1 20011219 (DE)

Application
EP 98121740 A 19981116

Priority
DE 29721185 U 19971129

Abstract (en)
[origin: EP0924069A2] The system comprises a printing-block and guide cylinders with a gap between through which is supplied air pressing the sheets against their surface. A housing (17) containing an air chamber (13) has in its guiding surface (19) a large number of nozzles (15) forming ball-joints with it. Each nozzle has an opening at one end connected to the chamber, while discharging an air jet from the other so as to prevent the sheets from lifting off the guide cylinder (10). The guide surface forms with the guide cylinder an inlet gap (23) tapering in the travel direction (8) towards the gap (12) between the cylinders and in which printing takes place.

IPC 1-7
B41F 21/00; B41F 25/00

IPC 8 full level
B41F 21/00 (2006.01); **B41F 25/00** (2006.01); **B65H 29/52** (2006.01)

CPC (source: EP)
B41F 21/00 (2013.01); **B41F 25/00** (2013.01); **B65H 29/52** (2013.01); **B65H 2406/00** (2013.01); **B65H 2406/11325** (2013.01)

Cited by
EP1122064A3; CN108621547A; EP1201428A3; EP1995064A1

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
EP 0924069 A2 19990623; **EP 0924069 A3 19990630**; **EP 0924069 B1 20011219**; AT E211064 T1 20020115; DE 29721185 U1 19980115; DE 59802522 D1 20020131

DOCDB simple family (application)
EP 98121740 A 19981116; AT 98121740 T 19981116; DE 29721185 U 19971129; DE 59802522 T 19981116