

Title (en)

Floating element for guiding sheets in a printing machine or the like

Title (de)

Schwebeelement zur Bogenführung in einer Druckmaschine oder dergleichen

Title (fr)

Dispositif de flottage pour guider des feuilles dans une machine d'impression ou analogue

Publication

**EP 0739723 B2 20031001 (DE)**

Application

**EP 96106225 A 19960419**

Priority

DE 19515846 A 19950429

Abstract (en)

[origin: EP0739723A2] The element has a rod-shaped housing (1) of sheet metal with a U-section underpart (1a) and an upper part (1b) containing a row of nozzles (2). The overlapped edges of the two parts form an airtight seal. An ejector (3) at one end is connected to the interior space and supplied with air under pressure from an air line (4). The source of compressed air is a high-speed fan with an integrated electric drive control program which allows reversal so that a sheet may be guided by either blowing or suction.

IPC 1-7

**B41F 21/00**

IPC 8 full level

**B41F 21/00** (2006.01); **B65H 5/22** (2006.01)

CPC (source: EP)

**B41F 21/00** (2013.01)

Citation (opposition)

Opponent :

- DE 3829505 A1 19890406 - POLYGRAPH LEIPZIG [DD]
- DE 2603483 A1 19770818 - MOHN OHG REINHARD
- DD 259389 B5 19931118 - KBA PLANETA AG [DE]
- Pneumatik-Kompndium, Atlas Copco Deutschland GmbH, VDI-Verlag GmbH, Duesseldorf 1977, Seiten 200-204

Cited by

CN114636541A

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

**EP 0739723 A2 19961030; EP 0739723 A3 19970402; EP 0739723 B1 19990623; EP 0739723 B2 20031001**; DE 19515846 A1 19961031; DE 19515846 C2 20000608; JP 3909886 B2 20070425; JP H08301478 A 19961119

DOCDB simple family (application)

**EP 96106225 A 19960419**; DE 19515846 A 19950429; JP 10720396 A 19960426