

Title (en)
Air cushion guiding device

Title (de)
Luftpolsterführung

Title (fr)
Dispositif de guidage à coussin d'air

Publication
EP 0899228 B1 20040414 (DE)

Application
EP 98110743 A 19980612

Priority
• DE 19737564 A 19970828
• DE 19747040 A 19971024

Abstract (en)
[origin: EP0899228A2] The air cushion guide supports a paper sheet or web on a bearing air cushion. It has at least one guide body with jet aperture blowing air between the guide body (413) and the paper (401). The air volume flow flowing out of the jets, and/or the flow rate between the guide body and the paper can be set independently of each other, so that proportionality between these two values need not be observed.

IPC 1-7
B65H 23/24; **B65H 29/52**; **B65H 5/38**; **B41F 21/00**

IPC 8 full level
B65H 29/24 (2006.01); **B41F 21/00** (2006.01); **B65H 29/04** (2006.01); **B65H 29/52** (2006.01)

CPC (source: EP US)
B65H 29/52 (2013.01 - EP US); **B65H 2406/1132** (2013.01 - EP US); **B65H 2406/11325** (2013.01 - EP US); **B65H 2515/20** (2013.01 - EP US)

Cited by
EP1028077A3; DE10151423B4; DE102016207406B4

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0899228 A2 19990303; **EP 0899228 A3 19991208**; **EP 0899228 B1 20040414**; JP H11130312 A 19990518; US 6279898 B1 20010828

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EP 98110743 A 19980612; JP 24381098 A 19980828; US 14312398 A 19980828