

Title (en)

Device for guiding material in sheet form without contact

Title (de)

Einrichtung zum berührungsfreien Führen bogenförmigen Materials

Title (fr)

Dispositif pour le guidage sans contact d'un matériau en forme de feuille

Publication

EP 0695707 B1 20001108 (DE)

Application

EP 95110718 A 19950710

Priority

DE 4427448 A 19940803

Abstract (en)

[origin: EP0695707A2] The contactless guide member is esp. for use in a printing press. The paper sheets are hauled along a track, clear of which is a guide face with air discharge jets. The jets (48) are so aimed that the flow pattern generated consists of a first component in the sheet travel direction, and second and third ones directed towards opposite side edges of the guide. The second and third components can be symmetrical, and the current of air can flow in a trumpet shape in the sheet travel direction. The air jets can be arranged in offset transverse rows.

IPC 1-7

B65H 5/22

IPC 8 full level

B41F 21/00 (2006.01); **B65H 5/22** (2006.01); **B65H 5/36** (2006.01)

CPC (source: EP US)

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Cited by

EP1184315A3; CN111747185A; US5832826A; EP0780332A3; DE10064531A1; DE10064531C2; DE102006017461B4; DE102014204797A1; WO02051732A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0695707 A2 19960207; **EP 0695707 A3 19970115**; **EP 0695707 B1 20001108**; DE 4427448 A1 19960208; DE 4427448 B4 20080731; DE 4447963 B4 20051229; DE 59508834 D1 20001214; JP 3655670 B2 20050602; JP H0859016 A 19960305; US 5687964 A 19971118

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