

Title (en)

Sheet guide in the feeding device of printing machines

Title (de)

Bogenleiteinrichtung in der Bogenanlage von Druckmaschinen

Title (fr)

Dispositif de guidage de feuilles dans le margeur des machines d'impression

Publication

EP 1251090 A3 20040102 (DE)

Application

EP 02005961 A 20020315

Priority

DE 10119097 A 20010419

Abstract (en)

[origin: EP1251090A2] The device has a swing feeder (2) to transfer a sheet from a feeder table (1) to a rotating cylinder (3). A pneumatic sheet guide (21) is positioned, in direction of rotation (19) of the cylinder, in front of a transfer position (20) of a sheet, and extends across the whole width of the cylinder. The sheet guide is for diversion of a slip stream generated by the cylinder jacket (16) and a facing side of the sheet to be removed, and to generate a vacuum between jacket and sheet. The sheet guide is formed by a suction box (22) charged with a vacuum.

IPC 1-7

B65H 5/10; **B65H 5/38**; **B65H 11/00**

IPC 8 full level

B65H 5/10 (2006.01); **B65H 5/38** (2006.01)

CPC (source: EP)

B65H 5/10 (2013.01); **B65H 5/38** (2013.01); **B65H 2301/44336** (2013.01); **B65H 2301/44716** (2013.01); **B65H 2301/4474** (2013.01); **B65H 2406/30** (2013.01); **B65H 2601/25** (2013.01)

Citation (search report)

- [X] EP 0985527 A2 20000315 - KOENIG & BAUER AG [DE]
- [A] DE 739377 C 19430925 - PLANETA DRUCKMASCHINENWERK AG
- [A] EP 0699527 A2 19960306 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1251090 A2 20021023; **EP 1251090 A3 20040102**; **EP 1251090 B1 20051109**; DE 10119097 A1 20021024; DE 50204817 D1 20051215

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