

Title (en)

Sheet feeding device with a guiding surface in a printing machine

Title (de)

Bogenleiteinrichtung mit einer Führungsfläche in einer Druckmaschine

Title (fr)

Système de guidage de feuilles avec une surface de guidage dans une machine à imprimer

Publication

EP 1314555 B1 20070905 (DE)

Application

EP 02025136 A 20021109

Priority

DE 10157566 A 20011123

Abstract (en)

[origin: EP1314555A1] The sheet guide includes a gripper system and transfer area . Underneath the transfer area (19) is a comb-like sheet guide device (15) having several spaced tines and an air supply box and coupled to a pneumatic system. The tines have first and second openings coupled with air supply box with the first openings integrated in the guide face (21) which faces the sheets and the second openings angled from the plane of the guide face towards a printing cylinder (4) behind so that the second openings are directed to the transfer area.

IPC 8 full level

B41F 21/00 (2006.01); **B41F 21/10** (2006.01); **B65H 5/12** (2006.01); **B65H 5/38** (2006.01); **B65H 29/70** (2006.01)

CPC (source: EP)

B41F 21/00 (2013.01); **B41F 21/102** (2013.01)

Cited by

EP1352738A3; US6899327B2; EP1666249A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1314555 A1 20030528; **EP 1314555 B1 20070905**; AT E372212 T1 20070915; DE 10157566 A1 20030612; DE 10157566 B4 20061019; DE 50210847 D1 20071018; JP 2003192182 A 20030709; JP 3703796 B2 20051005

DOCDB simple family (application)

EP 02025136 A 20021109; AT 02025136 T 20021109; DE 10157566 A 20011123; DE 50210847 T 20021109; JP 2002338427 A 20021121