

Title (en)

Sheet transfer cylinder for a rotary printing machine

Title (de)

Bogenführender Trommelkörper für eine Bogenrotationsdruckmaschine

Title (fr)

Cylindre de transfer de feuilles pour machine à imprimer rotative

Publication

EP 1122063 A3 20031001 (DE)

Application

EP 01101216 A 20010119

Priority

DE 20001970 U 20000204

Abstract (en)

[origin: EP1122063A2] A transfer cylinder for a printing press has a rotating structure (1) with pivot supports (4) at each end and with grips (10) on the diametric opposite sides to grip the leading edges of the printed material and guide it to the next process. The structure has a cellular construction with cavities (7) and air flow apertures (8) to generate an airflow through the centrifugal force. This moves the printed material inside the outer guides and provides a quiet transfer.

IPC 1-7

B41F 21/10; **B41F 13/08**

IPC 8 full level

B41F 21/04 (2006.01); **B41F 21/10** (2006.01); **B65H 5/12** (2006.01)

CPC (source: EP)

B41F 21/10 (2013.01)

Citation (search report)

- [YD] DE 4431114 A1 19960307 - ROLAND MAN DRUCKMASCH [DE]
- [Y] DE 4221046 A1 19940105 - SHINOHARA MACHINERY CO [JP]
- [YD] DE 3602084 A1 19870730 - HEIDELBERGER DRUCKMASCH AG [DE]
- [Y] EP 0703072 A1 19960327 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] DE 544300 C 19320217 - ALBERT SCHNELLPRESSEN
- [A] DE 725705 C 19420928 - WILLY MAILAENDER

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1122063 A2 20010808; **EP 1122063 A3 20031001**; **EP 1122063 B1 20081217**; AT E417732 T1 20090115; DE 20001970 U1 20000323; DE 50114575 D1 20090129; JP 2001247234 A 20010911; JP 3416120 B2 20030616

DOCDB simple family (application)

EP 01101216 A 20010119; AT 01101216 T 20010119; DE 20001970 U 20000204; DE 50114575 T 20010119; JP 2001027338 A 20010202