

Title (en)

Suction transfer device for a sheet-turning cylinder

Title (de)

Abnahmesauger für eine Wendetrommel

Title (fr)

Dispositif d'aspiration et de transfert pour un cylindre de retournement

Publication

EP 1712357 A3 20091209 (DE)

Application

EP 06005767 A 20060321

Priority

DE 202005005682 U 20050411

Abstract (en)

[origin: EP1712357A2] The suction device includes a suction head (1) made of elastomeric material, for providing a sheet bearing surface (2). Suction cavities (3) on the suction head attract the back edge of the sheet onto the sheet bearing surface. The suction head is pivotable via a joint (4) so that it can tilt about a tilt axis parallel to the axis of rotation of the turning drum. The tilting range (S) is limited by a stop (5) which cooperates with the suction head.

IPC 8 full level

B41F 21/10 (2006.01); **B41F 21/06** (2006.01); **B65H 5/14** (2006.01)

CPC (source: EP)

B41F 21/06 (2013.01); **B41F 21/108** (2013.01)

Citation (search report)

- [XY] US 5029524 A 19910709 - WIRZ ARNO [DE], et al
- [X] US 4343241 A 19820810 - RUDOLPH OTFRIED, et al
- [Y] DE 3710341 A1 19871126 - POLYGRAPH LEIPZIG [DD]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1712357 A2 20061018; EP 1712357 A3 20091209; EP 1712357 B1 20110803; AT E518656 T1 20110815; DE 202005005682 U1 20050616; JP 2006289975 A 20061026

DOCDB simple family (application)

EP 06005767 A 20060321; AT 06005767 T 20060321; DE 202005005682 U 20050411; JP 2006088812 A 20060328