

Title (en)

Device for reducing material bulging on tubular printing sleeve.

Title (de)

Vorrichtung für die Reduzierung von Materialausbuchtungen auf einer rohrförmigen Druckhülse.

Title (fr)

Dispositif pour réduire les bombements de matière sur un manchon tubulaire d'impression.

Publication

EP 0607552 A3 19950503 (DE)

Application

EP 93119864 A 19931209

Priority

US 745393 A 19930122

Abstract (en)

[origin: US6205923B1] An apparatus for reducing procession of a gapless tubular printing blanket in an offset printing press caused by at least one fluid wave having a certain pressure trapped at an interface of the printing blanket and a blanket cylinder. The apparatus includes a blanket cylinder which is adapted to receive the printing blanket for mounting on its circumferential surface. The blanket cylinder has at least one path which connects an interface of the blanket cylinder and the printing blanket to a region of pressure lower than the pressure in the fluid wave. The path allows the fluid wave, which is trapped at the interface and advancing in front of a nip between the blanket cylinder and an adjacent cylinder, to escape to the region of low pressure.

IPC 1-7

B41F 13/08

IPC 8 full level

B41F 27/06 (2006.01); **B41F 13/10** (2006.01); **B41F 13/193** (2006.01); **B41F 27/10** (2006.01); **B41F 30/00** (2006.01)

CPC (source: EP US)

B41F 13/10 (2013.01 - EP US); **B41F 13/193** (2013.01 - EP US); **B41F 27/105** (2013.01 - EP US)

Citation (search report)

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- [X] FR 2192914 A1 19740215 - PRECISION PRINTING EQUIPMENT [GB]
- [A] CH 345023 A 19600315 - BRACKENBURRY ABELL GEORGE EDMO [GB], et al
- [X] DE 8532300 U1 19860102
- [A] FR 2553034 A1 19850412 - ROLAND MAN DRUCKMASCH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 106 (M - 1375) 20 October 1992 (1992-10-20)

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DE10039744B4; DE19503095A1; DE19503095C2; EP1745927A1; DE19527761A1; DE19527761C2

Designated contracting state (EPC)

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US 6205923 B1 20010327; DE 4341262 A1 19940728; DE 4341262 C2 19990408; DE 59308252 D1 19980416; EP 0607552 A2 19940727; EP 0607552 A3 19950503; EP 0607552 B1 19980311; JP 3370167 B2 20030127; JP H071716 A 19950106

DOCDB simple family (application)

US 47235495 A 19950607; DE 4341262 A 19931203; DE 59308252 T 19931209; EP 93119864 A 19931209; JP 520494 A 19940121