

Title (en)

Sheet transfer drum

Title (de)

Bogenüberföhrtrommel

Title (fr)

Tambour de transfert de feuilles

Publication

EP 0703072 A1 19960327 (DE)

Application

EP 95111797 A 19950727

Priority

- DE 4431548 A 19940905
- DE 4442301 A 19941128

Abstract (en)

The sheet transfer drum is between the printing machinery in the side walls of a rotary press. It has two grip bridges (8) fitted symmetrically round it, diametrically opposite each other on the Y-axis of the drum. The side surfaces within the drum circumference between the bridges are made convex for the entire length of the drum. The greatest degree of curvature lies in the X-axis zone. The curvature decreases steadily towards the grip bridges. The side surfaces (2) have a dia. ratio to the theoretical drum dia. (d:D) of 1:2 to 1.35:2. The surfaces against the central dia. (d) are angled inwards towards the Y-axis in a straight line.

Abstract (de)

Die Erfindung bezieht sich auf eine Bogenüberföhrtrommel (1), die zwischen den Druckwerken in den Seitenwänden einer Rotationsdruckmaschine gelagert ist, mit zwei symmetrisch am Umfang angeordneten Greiferbröcken (8) und mit zwischen den Greiferbröcken (8) sich über die ganze Trommellänge erstreckenden Leitflächen (11). <IMAGE>

IPC 1-7

B41F 21/10

IPC 8 full level

B41F 21/10 (2006.01)

CPC (source: EP US)

B41F 21/10 (2013.01 - EP US)

Citation (applicant)

- DE 3602084 A1 19870730 - HEIDELBERGER DRUCKMASCH AG [DE]
- US 2933039 A 19600419 - CLAYBOURN CARLTON C, et al
- DE 3536536 A1 19860605 - POLYGRAPH LEIPZIG [DD]
- DE 3536442 A1 19860528 - POLYGRAPH LEIPZIG [DD]

Citation (search report)

- [A] EP 0185965 A2 19860702 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] DE 2040712 A1 19710415 - POLYGRAPH LEIPZIG
- [DA] DE 3602084 A1 19870730 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] DE 725705 C 19420928 - WILLY MAILAENDER

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Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

US 5701819 A 19971230; CN 1051737 C 20000426; CN 1128705 A 19960814; DE 4442301 A1 19960314; DE 4442301 C2 19981210; DE 4442301 C5 20061214; DE 59505424 D1 19990429; EP 0703072 A1 19960327; EP 0703072 B1 19990324; JP H0872225 A 19960319

DOCDB simple family (application)

US 52273495 A 19950901; CN 95116927 A 19950901; DE 4442301 A 19941128; DE 59505424 T 19950727; EP 95111797 A 19950727; JP 24829395 A 19950904