Title (en)

Cylinder of a rotary printing press having a changeable outside diameter

Title (de)

Zylinder einer Rotationsdruckmaschine mit veränderbarem Aussendurchmesser

Title (fr)

Cylindre d'une presse rotative avec un diamètre extérieur modifiable

Publication

EP 0803354 A3 19980107 (DE)

Application

EP 97103615 A 19970305

Priority

DE 19617021 A 19960427

Abstract (en)

[origin: EP0803354A2] The printing press cylinder (e.g. sheet feed cylinder has an external diameter which can be altered due to an elastically deformable part-circular cylinder shell, acted on by a setting device (47), which has a setting part (12) able to be moved radially relative to an internal cylinder body (12). The cylinder shell (6), basically of uniform rigidity, is fitted in the same radial direction. A path led out of the radial displacement forms the setting path for a power diverting device (35) belonging to the setting device. This acts preferably on the end regions (44) of the cylinder shell.

IPC 1-7

B41F 21/10; B41F 13/08

IPC 8 full level

B41F 21/00 (2006.01); **B41F 13/08** (2006.01); **B41F 21/10** (2006.01); **B41F 33/06** (2006.01)

CPC (source: EP US)

B41F 13/08 (2013.01 - EP US); **B41F 21/10** (2013.01 - EP US)

Citation (search report)

- [Y] GB 2166388 A 19860508 - ROTAPRINT PLC
- [Y] GB 1230314 A 19710428
- [Y] EP 0185965 A2 19860702 - HEIDELBERGER DRUCKMASCH AG [DE]
- [Y] CH 499388 A 19701130 - MILLER PRINTING MACHINERY CO [US]
- [AD] DE 4434828 C1 19951116 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)

CH DE FR LI

DOCDB simple family (publication)

EP 0803354 A2 19971029; **EP 0803354 A3 19980107**; **EP 0803354 B1 19990602**; CZ 291414 B6 20030312; CZ 64997 A3 19971112; DE 19617021 A1 19971106; DE 59700181 D1 19990708; JP H1034883 A 19980210; US 5862755 A 19990126

DOCDB simple family (application)

EP 97103615 A 19970305; CZ 64997 A 19970303; DE 19617021 A 19960427; DE 59700181 T 19970305; JP 11130397 A 19970428; US 84786297 A 19970428