

Title (en)

Contact pressure adjusting device of printing press

Title (de)

Vorrichtung zur Einstellung des Beistelldrucks in einer Druckmaschine

Title (fr)

Dispositif pour l'ajustement de la pression d'impression dans une machine à imprimer

Publication

EP 0786341 A3 19980107 (EN)

Application

EP 96250290 A 19961212

Priority

JP 971796 A 19960124

Abstract (en)

[origin: EP0786341A2] A contact pressure adjusting device of a printing press is provided which, even when the cylinder diameters vary, can easily maintain an appropriate contact pressure to ensure stable printing quality. In the printing press having contact pressure adjusting means comprising an eccentric bearing (2) for supporting the shaft end of a wiping roller (1), and a contact pressure adjusting motor (12) for rotating the eccentric bearing relative to a frame to vary the core-to-core distance between the wiping roller (1) and an intaglio cylinder (4), the contact pressure adjusting device is constructed such that a torque sensor (21) is provided for detecting the torque of a gear shaft (25) in a drive system for the wiping roller, and the contact pressure adjusting motor (12) is feedback controlled by a control device (20) based on the detected value of the torque sensor (21) so that the detected value of the torque sensor will become the torque under appropriate contact pressure. <IMAGE>

IPC 1-7

B41F 33/00; **B41F 13/24**; **B41F 9/10**

IPC 8 full level

B41F 9/08 (2006.01); **B41F 31/20** (2006.01); **B41F 33/00** (2006.01); **B41F 33/14** (2006.01)

CPC (source: EP)

B41F 33/0072 (2013.01)

Citation (search report)

- [Y] US 5036764 A 19910806 - RODI ANTON [DE]
- [Y] US 5152220 A 19921006 - LINDNER GEORG J [DE], et al
- [Y] US 5255601 A 19931026 - BLASS ERNST A [DE], et al
- [A] US 4935683 A 19900619 - KOBLER INGO [DE], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 212 (M - 1250) 19 May 1992 (1992-05-19)

Cited by

EP2021181A4; EP1018426A1; US2008264283A1; US9547271B2; EP2392461A1; CN102267276A; CN105150668A; US9132624B2; US2011192298A1; CN102145576A; US9233530B2; WO2004101282A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0786341 A2 19970730; **EP 0786341 A3 19980107**; JP H09193337 A 19970729

DOCDB simple family (application)

EP 96250290 A 19961212; JP 971796 A 19960124