

Title (en)

Device for the remote control of the grippers of a turning device

Title (de)

Vorrichtung zur ferngesteuerten Betätigung von Klemmorganen einer Wendeeinrichtung

Title (fr)

Dispositif de commande à distance pour les pinces d'un dispositif de retournement

Publication

EP 0578960 B2 19990203 (DE)

Application

EP 93108924 A 19930603

Priority

DE 4223189 A 19920715

Abstract (en)

[origin: EP0578960A1] The invention relates to a device for the remote control of clamping members of a turning device, in particular in sheet-conveying cylinders and on side walls of rotary printing machines. The turning device has at least a turning drum, a storage drum and adjustable toothed segments. These components, in turn, comprise clamping elements by means of which, by the action of a prestressing force, a clamping connection is produced and maintained between power transmission elements which are adjustable relative to one another and between control elements. Actuators (20, 24; 46, 48) which can be acted upon by a pressure medium are arranged on movable, at least integral pressure levers (9, 32, 39). Said actuators move a transmission element (13, 32a, 40, 45) in such a way that clamping produced by power accumulators (12) becomes ineffective. <IMAGE>

IPC 1-7

B41F 21/10; **B41F 13/00**

IPC 8 full level

B41F 13/00 (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP US)

B41F 13/0008 (2013.01 - EP US); **B41F 21/106** (2013.01 - EP US)

Citation (opposition)

Opponent :

- EP 0549884 A1 19930707 - ROLAND MAN DRUCKMASCH [DE]
- JP S63173644 A 19880718 - SUMITOMO HEAVY INDUSTRIES
- JP S63173645 A 19880718 - SUMITOMO HEAVY INDUSTRIES

Designated contracting state (EPC)

FR GB IT SE

DOCDB simple family (publication)

EP 0578960 A1 19940119; **EP 0578960 B1 19960410**; **EP 0578960 B2 19990203**; DE 4223189 A1 19940120; DE 4223189 C2 19960613; DE 4223189 C3 20030403; JP 2924991 B2 19990726; JP H06155711 A 19940603; US 5398606 A 19950321

DOCDB simple family (application)

EP 93108924 A 19930603; DE 4223189 A 19920715; JP 17283493 A 19930713; US 9200793 A 19930715