

Title (en)

ADJUSTING DEVICE FOR THE REVERSING CYLINDER OF A ROTARY SHEET-PRINTING MACHINE

Publication

EP 0264839 B1 19920304 (DE)

Application

EP 87115124 A 19871016

Priority

DE 8628072 U 19861022

Abstract (en)

[origin: US4791868A] A shift-over device for controlling the turning drum grippers of a rotary sheet printing press optionally changeable for one-side printing or two-side printing and having a relatively rotatable gripper opening cam and an axially movable gripper turning cam includes a rotatable switching shaft carrying a stop arm with adjustable stops mounted on the press frame for engaging the stop arm and limiting the rotation of the switching shaft in opposite directions. A first crank arm is secured to the switching shaft and carries a lash lever coupled to the gripper opening cam for relatively rotating it incident to oscillations of the switching shaft. A second crank arm is secured to the switching shaft and coupled to a push arm having face cams engageable with push rods connected to the gripper turning cam for axially shifting it incident to oscillations of the switching shaft. In the preferred embodiment, a pneumatic cylinder is connected to a drive crank secured to the switching shaft and a source of pneumatic pressure with a control valve interposed between the source and the pneumatic cylinder is provided for actuating the cylinder to oscillate the switching shaft and simultaneously rotate the gripper opening cam and axially shift the gripper turning cam.

IPC 1-7

B41F 21/10

IPC 8 full level

B41F 21/10 (2006.01)

CPC (source: EP US)

B41F 21/106 (2013.01 - EP US)

Cited by

DE10108629B4; DE4324746A1; DE4324746C2

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

US 4791868 A 19881220; AT E73049 T1 19920315; DE 3777065 D1 19920409; DE 8628072 U1 19861204; EP 0264839 A2 19880427; EP 0264839 A3 19890809; EP 0264839 B1 19920304; JP S63179743 A 19880723

DOCDB simple family (application)

US 11225787 A 19871022; AT 87115124 T 19871016; DE 3777065 T 19871016; DE 8628072 U 19861022; EP 87115124 A 19871016; JP 26552387 A 19871022