

Title (en)

DEVICE FOR CLAMPING AND ADJUSTING FLEXIBLE PRINTING PLATES ON PLATE CYLINDERS OF ROTARY PRINTING PRESSES

Title (de)

EINRICHTUNG ZUM SPANNEN UND JUSTIEREN VON BIEGSAMEN DRUCKPLATTEN AUF PLATTENZYLINDERN VON ROTATIONSDRUCKMASCHINEN

Title (fr)

DISPOSITIF POUR LE SERRAGE ET L'AJUSTEMENT DE PLAQUES D'IMPRESSION FLEXIBLES SUR DES CYLINDRES PORTE-PLAQUE DE PRESSES ROTATIVES

Publication

EP 0598791 B1 19960306 (DE)

Application

EP 92917117 A 19920814

Priority

- DE 4127232 A 19910816
- DE 4226565 A 19920812
- DE 9200684 W 19920814

Abstract (en)

[origin: DE4226565A1] The purpose of a device for clamping and adjusting flexible printing plates (36) on plate cylinders (1) of rotary printing presses is to achieve automatic clamping and partial adjustment of the printing plates (36) while keeping both the channel width and the transmission losses low. The invention attains this purpose in that a pressure rail (13) can be moved radially by adjusters (19, 22, 24, 26, 28) that, via inclines (17, 18) and a secant intersecting the cylinder channel at an angle beta of about 90 DEG C, trigger the clamping and adjustment movement of the plate clamping rail (33).

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP US)

B41F 27/1231 (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

DE 9210964 U1 19921112; DE 4226565 A1 19930218; DE 59205623 D1 19960411; EP 0598791 A1 19940601; EP 0598791 B1 19960306; JP H06504741 A 19940602; US 5398609 A 19950321; WO 9303925 A1 19930304

DOCDB simple family (application)

DE 9210964 U 19920812; DE 4226565 A 19920812; DE 59205623 T 19920814; DE 9200684 W 19920814; EP 92917117 A 19920814; JP 50402893 A 19920814; US 19611894 A 19940609