

Title (en)

Device for the parallel tensioning of printing plates.

Title (de)

Vorrichtung zum parallelen Spannen von Druckplatten.

Title (fr)

Dispositif de mise en tension parallèle des plaques d'impression.

Publication

EP 0425935 A2 19910508 (DE)

Application

EP 90120083 A 19901019

Priority

DE 3936459 A 19891102

Abstract (en)

[origin: JPH03159744A] PURPOSE: To enable adjusting of a clamping force on a plate cylinder and automatic after-clamping of the plate cylinder, uniformly across the entire width of the plate cylinder, and enable the described adjusting and after-clamping to be performed especially in a large-size printing press by uplifting the free end part of a freely gyrating clamping lever from a stopper bolt, centered around a pertinent rotary hinge by tightly contracting a spring, when moving a pressure strip from a specified position through a control device. CONSTITUTION: As soon as the end part of a forward printing plate is clamped in a clamping device 22, a plate cylinder is rotated only once in order to fit the printing plate. Next, the following end part of the printing plate is clamped in a clamping device 21. In a first stage, clamping levers 15, 16 press a pressure strip 9 to a cylinder groove wall. In a final stage, the free end parts of the clamping levers 15, 16 are uplifted from a stopper bolt, centered around a rotary hinge 18, by tightly contracting a spring 12 at P1, when moving the pressure strip 18 forward.

Abstract (de)

Um das Regulieren der Spannung insbesondere großer Druckplatten und deren selbsttätiges Nachspannen gleichmäßig über die gesamte Breite zu ermöglichen, ohne das endgültige Spannen mit Spannschrauben zu beeinträchtigen, ist jeder Spannschraube (11) ein Spannhebel (15, 16) zugeordnet, der an der geteilten hinteren Spannschiene (4) angelenkt ist und die sich über Hocken (17) auf einer im Zylinderkanal verschiebbaren Druckleiste (9) abstützen, wobei in die freien Enden der Spannhebel (15, 16) Federn (12) gesetzt sind.

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