

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 B1 19940209 (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.

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)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0425935 A2 19910508; EP 0425935 A3 19910904; EP 0425935 B1 19940209; AT E101360 T1 19940215; DE 3936459 C1 19910418; DE 59004549 D1 19940324; JP H03159744 A 19910709; JP H0749220 B2 19950531; US 5076167 A 19911231

DOCDB simple family (application)

EP 90120083 A 19901019; AT 90120083 T 19901019; DE 3936459 A 19891102; DE 59004549 T 19901019; JP 29559090 A 19901102; US 60643090 A 19901031