

Title (en)

Method of replacing plate for printing press and apparatus therefor.

Title (de)

Verfahren und Vorrichtung zum Auswechseln der Druckplatte einer Druckmaschine.

Title (fr)

Méthode et dispositif pour remplacer la plaque dans une machine d'impression.

Publication

**EP 0435413 B1 19950913 (EN)**

Application

**EP 90250336 A 19901222**

Priority

- JP 8743990 A 19900403
- JP 14975089 U 19891226
- JP 33733889 A 19891226

Abstract (en)

[origin: EP0435413A2] In a plate replacing apparatus for a printing press, a plate lockup opening/closing unit opens/closes leading- and trailing-side plate lockup devices (5, 30) upon pivotal movement of a cam shaft (19). A loader drive unit (84) drives a loader (83) on the plate replacing apparatus between an operation position where a distal end portion of the loader (83) comes close to the plate lockup devices (5, 30) and a storage position where the distal end portion of the loader (83) is separated from the plate lockup devices (5, 30). A plate removal unit grips an old plate (89) released from the plate lockup devices (5, 30) and inserted into the loader (83) upon rotation of the plate cylinder (1), and moves the old plate (89) into the loader (83). A plate supply unit inserts a new plate (105) loaded in the loader (83) into the leading-side plate lockup device (5). A plate press unit (118) presses the new plate (105) inserted into the leading-side plate lockup device (5) and wound around the circumferential surface of the plate cylinder (1) and inserts the other end of the new plate (105) into the trailing-side plate lockup device (30). A predetermined plate position stop unit pivots the plate cylinder (1) to stop at a plate gripper position. A controller operates the above apparatus and units. <IMAGE>

IPC 1-7

**B41F 27/12**

IPC 8 full level

**B41F 27/12** (2006.01)

CPC (source: EP)

**B41F 27/1206** (2013.01); **B41P 2227/30** (2013.01)

Cited by

DE102008019515A1; DE102009004980A1; US5758579A; DE4223583A1; US5537926A; DE19511686A1; GB2278086A; DE10222002A1; DE10222002B4; DE4140413A1; DE4220011A1; DE4223583B4; EP0653301A1; US5598781A; DE4245061B4; DE10222003A1; DE4219870A1; US5390603A; DE4219870C2; EP1362699A2; US6779452B2; EP1362700A2; EP2110246A2; DE102012014806A1; US8857335B2; EP2110247A2; EP1778490B1; EP0603246B1; EP0603261B1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0435413 A2 19910703; EP 0435413 A3 19910925; EP 0435413 B1 19950913; EP 0435413 B2 20020529;** AT E127733 T1 19950915; DE 69022378 D1 19951019; DE 69022378 T2 19960509; DE 69022378 T3 20030102

DOCDB simple family (application)

**EP 90250336 A 19901222;** AT 90250336 T 19901222; DE 69022378 T 19901222