

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
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- 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>

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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

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