

Title (en)

Plate lock-up device for printing press.

Title (de)

Plattenbefestigungsvorrichtung in einer Druckmaschine.

Title (fr)

Dispositif pour l'enclenchement des plaques dans une presse.

Publication

EP 0444219 B1 19940713 (EN)

Application

EP 90103620 A 19900224

Priority

EP 90103620 A 19900224

Abstract (en)

[origin: EP0444219A1] A plate lock-up device for a printing press includes plate lock-up bases (6, 31), a plurality of gripper plates (14, 38), spring members (17, 44), and a plurality of plate gripper cams (20, 46). The plate lock-up bases (6, 31) extend in the axial direction of a plate cylinder (1) and at least one of leading and trailing plate lock-up units (5, 30) is located in a gap formed in the circumferential surface of the plate cylinder (1). The gripper plates (14, 38) are pivotally supported by the plate lock-up bases (6, 31) and aligned in the axial direction of the plate cylinder (1). Each of the spring members (17, 44) is inserted between a corresponding one of the gripper plates (14, 38) and a corresponding one of the plate lock-up bases (6, 31). The springs bias the corresponding gripper plate (14, 38) in a plate gripping direction. The plurality of plate gripper cams (20, 46) are aligned on pivot shafts (19, 45) and each is engaged with the corresponding gripper plate (14, 38). The plate gripper cams (20, 46) cause the gripper plates (14, 38) to pivot in a plate release direction upon pivotal movement of the pivot shafts (19, 45). <IMAGE>

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