

Title (en)

Plate clamping device for offset press

Title (de)

Vorrichtung zum Spannen von Druckplatten an Offsetdruckmaschinen

Title (fr)

Dispositif de serrage des plaques d'impression pour une presse à imprimer

Publication

EP 0595761 B1 19970820 (EN)

Application

EP 93810356 A 19930514

Priority

JP 29182892 A 19921029

Abstract (en)

[origin: EP0595761A1] A pair of clamping mechanisms (B) is provided with a plate cylinder (1). Each mechanism (B) has a clamping block (20) and a moveable plate (21) attached to the block (20). The plate (21) is opened and closed with respect to the block (20) so as to clamp an end of a printing plate (3) in cooperation with the block (20). A rod (30) has two screw portions (30a)(30b) threaded oppositely to each other. The portions (30a)(30b) are screwed into the clamping mechanisms (B), respectively, so as to connect the clamping blocks (20) which are set on the line parallel to the axis of the plate cylinder (1). A coil spring (35) disposed between the each block (20) and an inner surface (2b) of a groove (2) for pressing each block against the inner surface (2b), so that each block (20) is supported movably along the inner surface (2b). The rod (30) is manipulated for protruding the screw portions (30a)(30b) in order for the blocks (20) to move away from each other. The movement of the blocks (20) results in the expansion of the printing plate (3) for countering the fanout deformation of the printing sheet (Pa). <IMAGE> <IMAGE>

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