

Title (en)

PLATE CYLINDER WITH A DEVICE FOR AFFIXING GRAVURE PRINTING PLATES FOR A WEB-PRINTING MACHINE

Publication

**EP 0142874 B1 19880427 (DE)**

Application

**EP 84201435 A 19841008**

Priority

CH 611183 A 19831114

Abstract (en)

[origin: US4598642A] The plate cylinder is provided with at least one groove opening out at the cylinder periphery, and disposed therein a fastening device for the two plate ends extending into the groove. This fastening device consists of a tightening bar which can be tilted about an axis parallel to the cylinder axis by means of hydraulically actuatable pistons provided in one groove boundary wall, a clamping piece, and a tightening support. The two plate ends are introduced on both sides of the clamping piece and, when the tightening bar is tilted by the action of the piston, are wedged tight between tightening bar and clamping piece or clamping piece and groove boundary wall, simultaneously tightening the printing plate. The tightening support can be forced radially outwards for the purpose of wedging the tightening bar in its position tightening the plates. The fastening device requires a groove of only small width which moreover tapers radially outwards, forming only a narrow circumferential gap.

IPC 1-7

**B41F 27/12**

IPC 8 full level

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CPC (source: EP US)

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