

Title (en)

DEVICE FOR MOUNTING FLEXIBLE PRINTING PLATES ON THE PLATE CYLINDER OF ROTARY PRINTING PRESSES

Publication

EP 0039765 B1 19840208 (DE)

Application

EP 81101857 A 19810313

Priority

DE 3018249 A 19800513

Abstract (en)

[origin: US4376414A] To permit clamping of a flexible printing plate (2) around a circumference of a printing cylinder (1) in either direction, a clamping groove (3) is formed with two inclined side walls (4, 5) which converge towards the open side of the groove, and are positioned in mirror-image relation with respect to a central plane (10) passing through the midpoint of the groove. A leaf spring element (11, 12; 11', 11"; 12') having two clamping portions (13, 14), shaped and positioned to fit against opposite walls (4, 5) of the groove, clamps the end portions (8, 9) of the plate against one of the side walls, the clamping portions being pressed into position by a clamping wedge body (16) having matching outwardly shaped surfaces and fitting against the clamping portions of the spring, the clamping wedge body being pressed outwardly to wedge the clamping wedge body (16) by a compression spring (15) bearing against the bottom (6) of the groove.

IPC 1-7

B41F 27/12

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0856401A3; DE19701046C5; FR2745524A1; US6019043A; EP0585625A1; US5375520A; EP0330736A3

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