

Title (en)  
Tensionless plate lock-up.

Title (de)  
Spannungsloser Plattenverschluss.

Title (fr)  
Dispositif de verrouillage sans tension.

Publication  
**EP 0330736 A2 19890906 (EN)**

Application  
**EP 88118939 A 19881114**

Priority  
US 16164088 A 19880229

Abstract (en)  
A printing cylinder has a longitudinal slot (12) formed in the surface thereof to define an undercut locking surface against which both ends of a flexible printing plate (11) are clamped to hold the plate (11) securely against the surface of the cylinder. Locking means (25) excluding a curved outer surface for contacting the ends of the flexible plate (11) and clamping them against the undercut locking surface are provided. Spring biasing means (32) are disposed in operative compression between the locking means (25) and the bottom of the longitudinal slot (12) to urge the curved outer surface of said locking means (25) outwardly against the undercut locking surface.

IPC 1-7  
**B41F 27/12**

IPC 8 full level  
**B41F 27/12** (2006.01)

CPC (source: EP)  
**B41F 27/1268** (2013.01)

Cited by  
DE4415621A1; EP0492138A1; DE4005093C1; US5062363A; DE19541249B4; DE4415622A1; EP0451574A1; US5074210A; WO2004020206A1; EP0628411B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0330736 A2 19890906; EP 0330736 A3 19900822; EP 0330736 B1 19931013; EP 0330736 B2 20000119**; CA 1307421 C 19920915; DE 330736 T1 19900208; DE 3884939 D1 19931118; DE 3884939 T2 19940203; DE 3884939 T3 20001228; JP H01229631 A 19890913; JP H07121581 B2 19951225

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**EP 88118939 A 19881114**; CA 583167 A 19881115; DE 3884939 T 19881114; DE 88118939 T 19881114; JP 32640988 A 19881226