

Title (en)

Device for securing a flexible printing plate.

Title (de)

Vorrichtung zum Befestigen einer biegsamen Druckplatte.

Title (fr)

Dispositif pour fixer une plaque d'impression flexible.

Publication

EP 0680826 A3 19961218 (DE)

Application

EP 95106414 A 19950428

Priority

DE 4415683 A 19940504

Abstract (en)

[origin: EP0680826A2] A rotatable spindle (7) is fitted with one or more leaf springs (8). The spindle has an entrainment edge (10) with which it engages on a V-shaped notch (11) of the leading plate arm (5) of the pressure plate (6). A lever fixed on the spindle is connected for articulated movement to a spring-in swivel lever. Both levers can deflect each side of a stretched position. When fixing the pressure plate the leading plate arm is hung on the edge of a cylinder ditch (2) and then drawn into the ditch. The flexible pressure plate is then wound round the sleeve of the forming cylinder and the trailing plate arm is guided into the cylinder ditch. Finally the trailing plate arm is seized and drawn into the cylinder ditch. <IMAGE>

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP US)

B41F 27/125 (2013.01 - EP US)

Citation (search report)

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- [A] DE 4138925 A1 19930603 - ROLAND MAN DRUCKMASCH [DE]
- [A] EP 0252746 A2 19880113 - HERCULES INC [US]
- [A] US 4104968 A 19780808 - SCHWAAB MANFRED, et al
- [A] DE 3809667 C1 19881208

Cited by

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Designated contracting state (EPC)

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DE 29503439 U1 19950420; CA 2148517 A1 19951105; CA 2148517 C 20000404; DE 4415683 A1 19951109; DE 4415683 C2 19980409; DE 59505406 D1 19990429; EP 0680826 A2 19951108; EP 0680826 A3 19961218; EP 0680826 B1 19990324; JP 2941684 B2 19990825; JP H07323519 A 19951212; US 5613440 A 19970325; US RE36977 E 20001205

DOCDB simple family (application)

DE 29503439 U 19950301; CA 2148517 A 19950503; DE 4415683 A 19940504; DE 59505406 T 19950428; EP 95106414 A 19950428; JP 9699695 A 19950421; US 26809199 A 19990311; US 42981395 A 19950427