

Title (en)

Device for tensioning a printing plate on the plate cylinder of a rotary printing machine

Title (de)

Vorrichtung zum Spannen einer Druckplatte auf einem Plattenzylinder von Rotationsdruckmaschinen

Title (fr)

Dispositif pour tendre une plaque d'impression sur le cylindre porte-plaque d'une machine d'impression rotative

Publication

EP 0739726 A3 19970305 (DE)

Application

EP 96102715 A 19960223

Priority

DE 19515843 A 19950429

Abstract (en)

[origin: DE19515843C1] A clamp (3) is positioned in a duct (1) in the plate cylinder (2) for the rear end (4) of the plate. A shaft (6) has tensioning elements (7) fixed on it and on which are mounted bolts (8) for clamping elements (9). Tension springs (18) exert pressure on the tensioning and clamping elements. Attachments (11) on the clamping elements are supported on a protuberance (12) on the plate cylinder. Sprung top grippers (13) are fixed to the clamping elements. The tensioning springs, between the plate cylinder and the clamping elements have their tensional force directed between the shaft and the bolts.

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP US)

B41F 27/1243 (2013.01 - EP US)

Citation (search report)

- [DA] DE 4244279 A1 19940630 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] DE 4128994 A1 19920702 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] EP 0516261 A1 19921202 - KOMORI PRINTING MACH [JP]

Designated contracting state (EPC)

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DE 19515843 C1 19960627; CN 1089686 C 20020828; CN 1134882 A 19961106; DE 59600932 D1 19990121; EP 0739726 A2 19961030; EP 0739726 A3 19970305; EP 0739726 B1 19981209; JP 2954016 B2 19990927; JP H08300627 A 19961119; US 5642669 A 19970701

DOCDB simple family (application)

DE 19515843 A 19950429; CN 96104906 A 19960422; DE 59600932 T 19960223; EP 96102715 A 19960223; JP 10527496 A 19960425; US 63918896 A 19960426