

Title (en)

Device for supporting a cylinder in a rotary printing machine

Title (de)

Vorrichtung zum Stützen eines Zylinders in einer Rotationsdruckmaschine

Title (fr)

Dispositif pour l'étalement d'un cylindre dans une presse rotative d'impression

Publication

EP 0575739 B1 19960828 (DE)

Application

EP 93107777 A 19930513

Priority

US 90192392 A 19920622

Abstract (en)

[origin: US5237920A] A rotary printing press comprises a frame including spaced sidewalls (12, 14), first and second printing cylinders (16, 18), and bearing members (26, 28) for supporting the ends (20, 22) of the first and second printing cylinders (16, 18) for rotation in the sidewalls (12, 14) of the frame. The first and second bearing members (26, 28) are removable from one end of the printing cylinders (16, 18). A first counterpoise assembly (40) includes a first rotary arm (50) having a supporting position for applying a force to the other end (20) of the first printing cylinder (16) to support the first printing cylinder (16) in the frame when the first bearing member (26) is removed. A second counterpoise assembly (42) includes a second rotary arm (50) having a supporting position for applying a force to the other end (22) of the second printing cylinder (18) to support the second printing cylinder (18) in the frame when the second bearing member (28) is removed. Each of the counterpoise assemblies (40, 42) includes a toggle member (60) for moving the respective rotary arm (50) into its supporting position, and for holding the rotary arm (50) in its supporting position against the weight of the associated printing cylinder (16, 18).

IPC 1-7

B41F 13/20

IPC 8 full level

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CPC (source: EP US)

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Cited by

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US 5237920 A 19930824; CA 2099353 A1 19931227; CA 2099353 C 19980505; DE 4315909 A1 19931223; DE 4315909 C2 20010523; DE 59303546 D1 19961002; EP 0575739 A1 19931229; EP 0575739 B1 19960828; EP 0575739 B2 19990331; JP 3217899 B2 20011015; JP H0631892 A 19940208

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