Title (en)

ROLLER FORK FOR ROTARY PRESSES

Publication

EP 0328879 A3 19900704 (DE)

Application

EP 89100623 A 19890114

Priority

DE 3805143 A 19880219

Abstract (en)

[origin: US4953462A] An adjustable bearing arrangement for the cylinder of a rotary printing press provides a fine adjustment in which a step-down in the angle of rotation of the adjusting movement of an eccentric bushing relative to the rotation of a radially slotted cylinder mounting bracket is ensured. The locating pin of the cylinder mounting is rotatably mounted in the eccentric bushing and rotation-inhibiting means for the pin is formed by a groove in which one end of a rotation-inhibiting lever is guided after the fashion of a prismatic joint, the other end of the lever being so mounted fixedly to the frame that the lever can pivot around a knuckle joint disposed parallel to the pin. The anti-friction bearings of the cylinder are disposed on the journal of the cylinder with their outer race received in a totally enclosed bearing ring having a guide pin beveled to form two flat sides, the guide pin being introduced into a slot S of the cylinder mounting and being locked therein by a spring biased detent.

IPC 1-7

B41F 31/30; B41F 13/28

IPC 8 full level

B41F 13/28 (2006.01); **B41F 31/30** (2006.01); **F16C 13/00** (2006.01); **F16C 13/02** (2006.01)

CPC (source: EP US)

B41F 31/305 (2013.01 - EP US)

Citation (search report)

- [A] FR 565511 A 19240129
- [A] US 4407198 A 19831004 - SIMETH CLAUS [DE]
- [A] GB 1278245 A 19720621 - TIMSON ERNEST ARTHUR
- [A] DE 937526 C 19560112 - KOENIG & BAUER SCHNELLPRESSFAB

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DE4243657A1; US5403099A; DE4012928A1; WO9116201A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 4953462 A 19900904; AT E78434 T1 19920815; BR 8900258 A 19890919; DE 3805143 C1 19890323; DE 58901858 D1 19920827; EP 0328879 A2 19890823; EP 0328879 A3 19900704; EP 0328879 B1 19920722; ES 2034406 T3 19930401; JP H01249349 A 19891004

DOCDB simple family (application)

US 31172489 A 19890216; AT 89100623 T 19890114; BR 8900258 A 19890123; DE 3805143 A 19880219; DE 58901858 T 19890114; EP 89100623 A 19890114; ES 89100623 T 19890114; JP 3643789 A 19890217