

Title (en)

Device for adjusting a form roller to the plate cylinder of a printing press

Title (de)

Vorrichtung zum Einstellen einer Auftragwalze am Plattenzylinder einer Druckmaschine

Title (fr)

Dispositif pour ajuster un rouleau toucheur par rapport au cylindre porte-plaque d'une machine à imprimer

Publication

EP 1155843 A3 20021030 (DE)

Application

EP 01110542 A 20010428

Priority

DE 10023605 A 20000515

Abstract (en)

[origin: EP1155843A2] The device has pivoting arms bearing the inking roller adjustable relative to a friction roller using eccentric bearings and pressed against adjustable stops by spring force to fix its engagement position with a plate cylinder. The stops have stop surfaces bearing supporting cams. The cam support points change when the inking and friction roller axle separation is corrected so as to correct the inking roller and plate cylinder axis separation. The device has pivoting arms bearing the inking roller (2,3) pivotable about the axis of a friction roller (4) and adjustable with respect to the friction roller using eccentric bearings and pressed against adjustable stops by spring force to fix the engagement position of the inking roller with the plate cylinder (1). The stops have stop surfaces (12,13) bearing supporting cams (10,11) and of such size and shape that the cam supporting points on the supporting surfaces change when the inking and friction roller axle separation is corrected so as to correct the inking roller and plate cylinder axis separation.

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B41F 31/30

IPC 8 full level

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CPC (source: EP)

B41F 31/301 (2013.01)

Citation (search report)

- [A] US 3448686 A 19690610 - BOHMAN CARL E
- [A] FR 2345297 A1 19771021 - POLYGRAPH LEIPZIG [DD]
- [A] CH 423827 A 19661115 - PLANETA VEB DRUCKMASCH WERKE [DE]

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Designated contracting state (EPC)

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EP 1155843 A2 20011121; **EP 1155843 A3 20021030**; **EP 1155843 B1 20051109**; AT E309098 T1 20051115; DE 10023605 A1 20020627; DE 50107947 D1 20051215; JP 2001353853 A 20011225; JP 3410081 B2 20030526

DOCDB simple family (application)

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