

Title (en)

Device for altering the amount of reciprocation of axially movable rollers in an ink supply mechanism of a printing press.

Title (de)

Vorrichtung zum Verändern des axialen Hubes einer Verreibwalze in einer Druckmaschine.

Title (fr)

Dispositif pour modifier la course du mouvement axial d'un cylindre frotteur dans une machine d'impression.

Publication

EP 0110032 A1 19840613 (DE)

Application

EP 83108970 A 19830910

Priority

DE 3243582 A 19821125

Abstract (en)

[origin: US4513663A] A mechanism for axially reciprocating at least one of the distributing rollers of a printing press. A rocker having an elongated slot therein is mounted on a first pivot and oscillated thereabout by means of a link eccentrically connected to the press drive shaft. An oscillating lever is pivotally connected to the press frame for movement about a second pivot and includes a sliding block captively held in the elongated slot of the rocker. The oscillating lever is operatively connected to at least one of the distributing rollers so as to axially reciprocate the roller in response to the oscillation of the lever. The location of the first pivot is adjustable with respect to the press frame so as to change the orientation of the elongated slot in the rocker and, thus, vary the magnitude of travel of the oscillating lever which reciprocates the distributing roller. For such purpose, the first pivot is secured in one arm of a two-armed lever, the lever being pivotally connected to the frame. The second arm of the lever is secured to a traveling nut which is threaded on a shaft mounted for rotational movement with respect to the frame. Either a manually turnable knob or an electric motor is connected to the shaft so as to rotate the same, resulting in a rotation of the two-armed lever about its pivot to change the position of the first pivot held in the first arm of the lever.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung zum Verstellen eines Hubes (2) einer Verreibwalze (1) an einer Druckmaschine (4). Der Hub (2) kann hierbei während des Maschinenlaufes mittels Maschinenelementen (3-11) verstellt werden. Die Verstellung erfolgt über einen Handgriff (15) oder mittels eines elektrischen Motors.

IPC 1-7

B41F 31/14

IPC 8 full level

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CPC (source: EP US)

B41F 31/15 (2013.01 - EP US); **Y10S 101/38** (2013.01 - EP US)

Citation (search report)

- [A] GB 888611 A 19620131 - TIMSONS LTD
- [A] DE 1015453 B 19570912 - BUCHDRUCKMASCHINENWERK LEIPZIG
- [A] DE 1276052 B 19680829 - WINKLER FALLERT & CO MASCHF

Cited by

FR2727351A1; US5619922A

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0110032 A1 19840613; **EP 0110032 B1 19870318**; AT E25946 T1 19870415; DE 3243582 A1 19840614; DE 3243582 C2 19840927; DE 3370302 D1 19870423; JP S59140064 A 19840811; US 4513663 A 19850430

DOCDB simple family (application)

EP 83108970 A 19830910; AT 83108970 T 19830910; DE 3243582 A 19821125; DE 3370302 T 19830910; JP 22088683 A 19831125; US 55458583 A 19831123