Title (en)
Device for adjusting the circumferential registration of a sheet-fed rotary printing machine.

Title (de)
Vorrichtung zur Umfangsregisterverstellung in einer Bogenrotationsdruckmaschine.

Title (fr)
Dispositif de réglage du registre circonférentiel dans une imprimerie rotative à feuilles.

Publication
EP 0384127 B1 19940330 (DE)

Application
EP 90101142 A 19900120

Priority
DE 3905250 A 19890221

Abstract (en)
[origin: JPH02248251A] PURPOSE: To adjust a circumferential register during an operation of a printing machine by constituting a shaft of a plate base to be disposed at an intersection of a connecting line passing axes of a rubber cylinder and a plate cylinder and a connecting line passing axes of an impression cylinder and an intermediate gearwheel. CONSTITUTION: A plate cylinder 4 is held at a plate base 5, in a frame or the like, and driven by an intermediate gearwheel 6. Teeth of the gearwheel 6 are first engaged with teeth of an impression cylinder 3, and then with the cylinder 4. The gearwheel 6 is also rotatably held at the base 5, which is gradually rotatably disposed around a turning shaft 7. The shaft 7 is disposed at an intersection of connecting straight lines 8, 9. The line 8 passes the shaft 10 of the late 4 and the shaft 11 of the cylinder 2, extended together with the line 9 passing the shaft 12 of the gearwheel 6 and the shaft 13 of the cylinder 3 to support the base 5 to a height adjustable support bearing. Thus, since a turning motion of the base 5 can be executable around the shaft 7, a circumferential register of the cylinder 4 can be adjusted to the cylinder 2.

IPC 1-7
B41F 13/14; B41F 13/36

IPC 8 full level
B41F 13/12 (2006.01); B41F 13/14 (2006.01); B41F 13/36 (2006.01)

CPC (source: EP US)
B41F 13/14 (2013.01 - EP US); B41F 13/36 (2013.01 - EP US)

Cited by
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CH FR GB IT LI SE

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EP 0384127 A2 19900829; EP 0384127 A3 19910327; EP 0384127 B1 19940330; CA 2007113 A1 19900821; CA 2007113 C 19940712; DE 3905250 A1 19900823; DE 3905250 C2 19930902; JP H02248251 A 19901004; JP H0753443 B2 19950607; US 4991505 A 19910212

DOCDB simple family (application)
EP 90101142 A 19900120; CA 2007113 A 19900104; DE 3905250 A 19890221; JP 3752090 A 19900220; US 48252990 A 19900221