

Title (en)
Registering device.

Title (de)
Registerstellvorrichtung.

Title (fr)
Dispositif de mise en registre.

Publication
EP 0286982 A2 19881019 (DE)

Application
EP 88105590 A 19880408

Priority
DE 3712702 A 19870414

Abstract (en)
[origin: US4821640A] To permit both circumferential as well as axial register adjustment of three printing couples (1, 2, 3), in which the respective cylinders of the printing couples are interconnected by spiral gears, two of the blanket cylinders (4, 8) are axially shiftable. The changes in circumferential register, upon changing of lateral register due to the spiral gears are compensated by position motor controllers (34, 44) which may include a microprocessor (50), automatically. Lateral register is set in a predetermined sequence by the respective cylinders, in accordance with the coupling of one of the plate cylinders (e.g. 5) with a printing machine main drive pinion (68).

Abstract (de)
Zur Umfangsregistereinstellung von drei Plattenzylindern (5, 7, 9) werden zwei bestimmte Gummituchzylinder (4, 8) axial verschoben. Die bei der Seitenregisterverstellung auftretende Umfangsregisteränderung wird durch einen Positionsregler (34, 44) bzw. einen Mikrorechner automatisch kompensiert. Die Einstellung des Seitenregisters erfolgt in einer vorgegebenen Weise, die von der Einleitung des fest angekoppelten Antriebes abhängt.

IPC 1-7
B41F 13/14; B41F 33/00

IPC 8 full level
B41F 13/12 (2006.01); **B41F 13/14** (2006.01); **B41F 33/00** (2006.01); **B41F 33/14** (2006.01)

CPC (source: EP US)
B41F 13/14 (2013.01 - EP US); **B41F 33/00** (2013.01 - EP US)

Cited by
CN108569018A; NL2001608C2; DE4038510A1; DE3933666A1; US5327826A; WO2009142495A1

Designated contracting state (EPC)
CH DE FR IT LI SE

DOCDB simple family (publication)
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EP 88105590 A 19880408; DE 3712702 A 19870414; DE 3871845 T 19880408; JP 8917488 A 19880413; US 18131088 A 19880413