

Title (en)  
REGISTERING DEVICE

Publication  
**EP 0286982 B1 19920610 (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).

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; DE4038510A1; NL2001608C2; DE3933666A1; US5327826A; WO2009142495A1

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

DOCDB simple family (publication)  
**EP 0286982 A2 19881019; EP 0286982 A3 19891129; EP 0286982 B1 19920610**; DE 3712702 A1 19881103; DE 3871845 D1 19920716; JP S63264355 A 19881101; US 4821640 A 19890418

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