

Title (en)

Method and device for registering printing press.

Title (de)

Verfahren und Vorrichtung zum Einstellen des Registers in Druckpressen.

Title (fr)

Procédé et dispositif de repérage pour presse à imprimer.

Publication

EP 0177885 A2 19860416 (EN)

Application

EP 85112433 A 19851001

Priority

- JP 20769784 A 19841003
- JP 20769884 A 19841003
- JP 24104384 A 19841115

Abstract (en)

Disclosed in this specification are (1) a registering method for a printing press comprising the steps for magnifying a pattern of a printed medium and displaying it on a display device; inputting the coordinates of a position of each color pattern for a predetermined element of the magnified and displayed image by coordinate input means; determining a registration error between respective colors based on the coordinates of each color position and the magnification of the image; calculating a quantity required for adjustment of the position of a plate cylinder based on said registration error; and effecting the registering of the printing press depending upon the results of this calculation: (2) a device for inputting a pattern of a printed medium on a printing press, displaying the pattern on enlarged scale on the screen of a display device, inputting the coordinates of the position of each color pattern for a predetermined element within the magnified and displayed image by coordinate input means, determining a registration error between respective colors from the coordinates of the position of each color and the magnification of the image, calculating a quantity required for the adjustment of the position of a plate cylinder based on said registration error and effecting the registering of the printing press in response to the results of this calculation: and (3) a device for displaying a pattern of a printed medium on enlarged scale on the screen of a display device, inputting the coordinates of the position of each color pattern by a friction input means by utilizing a predetermined element within the magnified and displayed image and determining a registration error between respective colors from the coordinates of the position of each color and the magnification of the image.

IPC 1-7

B41F 33/00; **B41F 13/12**

IPC 8 full level

B41F 13/12 (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP)

B41F 13/12 (2013.01); **B41F 33/0036** (2013.01)

Cited by

EP0221472A3; US5031334A; US5125037A; DE4228904A1; EP0571159A1; EP0392814A3; FR2631946A1; DE3614578A1; DE4218063A1; EP0452700A3; DE4012608A1; US5181257A; CN111225798A; US5117365A; EP0241773A1; DE3709858A1; US4856903A; US4932320A; CN108340659A; GB2188171A; US4847775A; GB2188171B; WO9604139A1; WO8901867A1; DE102007031058A1; EP2025514A2

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0177885 A2 19860416; **EP 0177885 A3 19880224**

DOCDB simple family (application)

EP 85112433 A 19851001