

Title (en)
METHOD AND DEVICE FOR REGISTERING PRINTING PRESS

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Application
EP 85112433 A 19851001

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Abstract (en)
[origin: EP0177885A2] 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.

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Citation (search report)
• [Y] WO 8401231 A1 19840329 - SARGENT JACK
• [Y] GB 2115145 A 19830901 - DAINIPPON PRINTING CO LTD
• [A] US 4223453 A 19800923 - MEYER JOHN H
• [A] FR 2512738 A1 19830318 - ROLAND MAN DRUCKMASCH [DE]
• [A] DE 2940233 A1 19810416 - WERNER GERHARD

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

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