

Title (en)

METHOD OF REGISTERING AND ATTACHING PRINTING PLATES ON THE PLATE CYLINDER OF FLEXOGRAPHIC MULTICOLOUR PRINTING MACHINES

Publication

EP 0089015 B1 19861015 (DE)

Application

EP 83102350 A 19830310

Priority

DE 3209484 A 19820316

Abstract (en)

[origin: US4520389A] The invention relates to a method of mounting printing blocks on form cylinders of a flexographic printing machine for multicolor printing in correct positions determined by a mounting pattern, which is secured to a mounting cylinder or mounting table. Two television cameras are directed to two spaced apart points of the mounting pattern, two television cameras are directed to two spaced apart points of the printing block carried by the form cylinder. Said television cameras are disposed in exactly fixed and mutually corresponding positions relative to the mounting cylinder or mounting table and relative to each form cylinder, when the same is in mounting position. The two images of corresponding points of the mounting pattern and of the printing block are displayed under the control of a mixer by a television screen at the same time. The printing block is initially slidably mounted on the form cylinder and is adjusted until the images displayed on the television screen coincide. The printing block is then secured to the form cylinder in that position. The printing blocks for the other form cylinders used for multicolor printing are adjusted on and secured to said cylinders in the same manner in succession with reference to the same mounting pattern.

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IPC 8 full level

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Cited by

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