

Title (en)

Flexographic plate mounting apparatus and method.

Title (de)

Vorrichtung und Verfahren zum Befestigen einer flexographischen Druckplatte.

Title (fr)

Procédé et dispositif pour fixer un cliché flexographique.

Publication

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Application

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Priority

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Abstract (en)

In printing with flexographic plates it is essential that each plate be accurately positioned on the plate cylinders. The mounting apparatus and method of this invention provide a register cylinder (11) on which the flexographic plate is positioned by registration pins (27). The plate cylinder (16) on which the flexographic plate is to be mounted is positioned in a predetermined rotational position on a mounting so that it can be moved towards and away from the register cylinder. The register cylinder (11) is then rotated to a predetermined position and the plate cylinder (16) brought into abutment with the flexographic plate and register cylinder. The registration pins (27) are then retracted and both cylinders rotated to transfer the flexographic plate to the outer surface of the plate cylinder in registration. The plate adheres to the cylinder surface either by an adhesive substance, such as double sided tape, or magnetically.

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Citation (search report)

- [A] DE 655639 C 19380120 - GEORG BOETTINGER
- [A] GB 775399 A 19570522 - BOBST FILS SA J

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EP0386316A1; EP0286020A3; US11446920B2; US9056450B2; US8800445B2; WO2017032966A1; WO2006042637A3

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