

Title (en)

Apparatus for regulating the registration of screens in an automatic screen printing machine.

Title (de)

Vorrichtung zur Regelung die Einrichtung der Schablonen in eine automatischen Siebdruckmaschine.

Title (fr)

Dispositif pour le réglage du positionnement des écrans dans une machine automatique sérigraphie.

Publication

**EP 0502239 A1 19920909 (EN)**

Application

**EP 91112709 A 19910729**

Priority

JP 3878491 A 19910305

Abstract (en)

Disclosed is an apparatus for regulating the registration of screens in an automatic screen printing machine, which comprises: screen-supporting members (18,19) confronting each other; a screen (5) to be supported and fixed onto one of the screen supporting members (18,19); three sets of screen regulating mechanisms (30,50,70), disposed in said screen-supporting members (18,19) which can regulate the registration of the screen (5) in the repeat direction (X), the direction (Y) orthogonal thereto and the rotating direction (theta); a registration-regulating motor (32,52,73) and a pulse generator (41,61,73) for detecting the regulating amount, disposed in each screen-regulating mechanism (30,50,70); and a registering operation panel comprising switches for performing the regulation of the registration and digital display mechanisms for displaying the regulation amount. In this screen registration-regulating apparatus, the registration of the screen (5) in the printing machine can be regulated by a switching operation, and even in case of an inexperienced operator, the registration of the screen (5) can be performed with a high precision in a short time only by digitally displaying the set value on a display. <IMAGE>

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Citation (search report)

- [A] DE 3904863 A1 19900823 - IND SIEBDRUCK SYSTEME NECKARWE [DE]
- [A] US 4610200 A 19860909 - METSO MATTI [SE]
- [A] EP 0364424 A2 19900418 - SVECIA SILKSCREEN MASKINER AB [SE]
- [A] EP 0093701 A1 19831109 - SVECIA SILKSCREEN MASKINER AB [SE]

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