

Title (en)

Procedure and device for automatically positioning stockings in a machine to form panty hose

Title (de)

Verfahren und Vorrichtung zur automatischen Positionierung von Strümpfen in einer Maschine, um Strumpfhosen zu bilden

Title (fr)

Procédé et dispositif pour le positionnement automatique des bas dans une machine pour former des collants

Publication

EP 0636730 B1 19970827 (FR)

Application

EP 94830313 A 19940623

Priority

IT FI930149 A 19930729

Abstract (en)

[origin: EP0636730A1] Device for the positioning of two stockings in a machine for the production of tights and comprising a pair of twin horizontal flat forms (5) which serve as a support to the stockings (5), the said device comprising: - gripper means (1) for gripping a limited lateral portion of the fabric of each stocking (4) slipped onto the corresponding supporting form (5), this taking place in coincidence with a lateral edge of the form (5); - means for supporting and driving the said gripper means (1) in the direction orthogonal to the longitudinal axis (8) of the form (5), between a retracted start-of-travel position and an advanced end-of-travel position coinciding with the said form, and vice versa, with a pneumatic cylinder (2) of horizontal axis, orthogonal to the axis (8) of the form (5); - cam means (3) for activating the respective gripping and release of the stocking (4) by the said gripper means (1); - at least one optical sensor (13) for each form (5), which optical sensor is arranged in coincidence with a predetermined position of alignment of the garter lines of the two stockings (4) and is associated with the cylinder (2) for driving the gripper (1) relative to the corresponding form (5), in order to command its deactivation of the end of the positioning. <IMAGE>

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