

Title (en)

Method and apparatus for the automatic loading of a machine for sewing gussets on knitted garments of the "pantyhose" type

Title (de)

Verfahren und Vorrichtung zum automatischen Beladen einer Nähmaschine zum Anbringen eines Zwickels an gestrickte Kleidungsstücke vom Typ Strumpfhose

Title (fr)

Procédé et dispositif pour le chargement automatique d'une machine à coudre les soufflets sur des vêtements en tricot de type "collants"

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0654554A1] Apparatus for the automatic loading of a machine for sewing gussets on knitted garments of the panty-hose type, comprising:
- a tubular head (100) for supporting the body of a panty-hose, equipped on the inside with an annular electrical resistor (9) and with a conduit (8); - means for the vertical displacement of the head (100) alternately in both directions, with an actuating cylinder (101) having a vertical axis; - means for the alternate displacement of the head (100) about a horizontal axis, with a cylinder (104) fastened to the carriage (103) and with a lever (106) connected to the rod of the cylinder (104) and to the head (100); - a collar (110) mounted above and coaxially with the head (100); - means for supporting the panty-hoses on each head of the machine for sewing gussets, with as many counter-cones (25), each of which is slipped onto a tube (26) of vertical axis, to the lower end of which a corresponding head (27) of the machine is fastened; - means for grasping the panty-hose, with a normally closed elastic annular gripper (31) for each head (27), which gripper is supported by a corresponding counter-cone (25); - fixed cam means (400) for controlling the respective raising and lowering of the said counter-cones (25); - pneumatic means (450) for activating the said grippers (31); - means for cutting and discharging the waste produced during the operation of trimming the said perineal hole, with an electric resistor (40) and a suction tube (38). <IMAGE>

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