

Title (en)
APPARATUS AND PROCESS FOR PRODUCTION OF TIGHTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON STRÜMPFEN

Title (fr)
APPAREIL ET PROCÉDÉ DE PRODUCTION DE BAS

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Application
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Abstract (en)
[origin: WO2014049466A1] An apparatus (1) for production of tights, comprising a line-closer machine (2) suitable for joining a pair of tubular textile fabrics to one another, forming a semi-finished piece having a trunk part and two legs with open toes, and a toe-closer machine (3) suitable for sewing the toes of the legs of the semi-finished piece, where the toe-closer machine comprises a plurality of support tubes (4) for semi-finished workpieces, coupled two by two, in which each tube is provided with two blades (5) arranged at sides of the tube and longitudinally movable between a retracted position and an advanced position; the apparatus comprises a blocking and transport device (6) activatable on the toes of the semi-finished workpiece so as to block them in a predetermined configuration and transport them to a sewing machine for the toes to be closed by means of a sewing having a predetermined progression; the blocking and transport device comprises a plate (7) positioned inferiorly of the tubes and mobile between a lowered position and a raised position, in which it enters inferiorly into contact with the toes of the semi-finished workpiece wrapped-around the blades (5); the blocking and transport device (6) comprises at least a pair of pressers (8) solidly mobile between a raised position and a lowered position, in which they each lock a portion of toe of the semi-finished workpiece by pressing it on the underlying plane (7); each presser (8) assumes a straight configuration, in which it imposes a linear shape on the blocked portion of the respective toe, and a curved configuration, in which it imposes a curved shape on the blocked portion of the respective toe; the curved shape corresponds to the progression of the sewing.

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