

Title (en)

METHOD AND KNITTING MACHINE FOR PRODUCING KNITTED GOODS FROM A FIBER MATERIAL, WHICH IS ESSENTIALLY NOT TWISTED

Title (de)

VERFAHREN UND STRICKMASCHINE ZUR HERSTELLUNG EINER MASCHENWARE AUS IM WESENTLICHEN UNVERDREHTEM FASERMATERIAL

Title (fr)

PROCÉDÉ ET MACHINE DE TRICOTAGE POUR LA FABRICATION D'UN TISSU MAILLÉ COMPOSÉ DE MATÉRIAU FIBREUX ESSENTIELLEMENT NON VRILLÉ

Publication

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Application

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Abstract (en)

[origin: US2011113831A1] A method and a knitting machine for producing a knitted product composed of fibre material fed by a roller pair (11c) are described. The stitches are formed as usual by knitting elements (3) being raised out of a non-knitting position into a fibre take-up position, while at the same time previously formed stitches are being knocked over, and being withdrawn again after the fibre material (6) is inserted. The presence of fibre material is monitored by means of a sensor (22), which when there is no fibre material present emits an error signal, as a result of which the knitting elements are prevented from being raised further into the fibre take-up position. According to the invention, when the error signal occurs, the knitting elements (3) are withdrawn from an intermediate position again without the previously formed stitches being knocked over and without the fibre material being taken up. In addition, the sensor is preferably arranged at a location between the roller pair (11c) and the knitting system (4) (FIG. 1).

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