

Title (en)

PROCESS FOR SMOOTH FEED OF ELASTIC THREAD AND CIRCULAR KNITTING MACHINE.

Title (de)

VERFAHREN ZUM POSITIVEN LIEFERN EINES ELASTISCHEN FADENS UND RUNDSTRICKMASCHINE.

Title (fr)

PROCEDE D'ALIMENTATION SANS GLISSEMENT EN FIL ELASTIQUE ET METIER CIRCULAIRE.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO8808893A1] In a process for smooth feed of elastic thread to the knitting system of a circular knitting machine having a thread feed device controlled by an electronic control unit, the position signals (P) are counted on the basis of a reference signal (A) and the stop signal (S) is produced only for a predetermined number of position signals, or the reference signal (A) is ignored during a predetermined time-interval (DELTA t) and the stop signal (S) is produced when this time-interval has elapsed, the predetermination being effected in function of the quality of the thread and/or the distance between the thread feed device and the knitting system. In this way, a subsequent feed is obtained which permits the tension of the elastic thread to be released. The circular knitting machine (1) contains a delay circuit (19) for the stop signal (S) in the electronic control unit (3) of the thread feed device (2).

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