

Title (en)

METHOD AND DEVICE FOR CONTROLLING AND MAINTAINING A PREDETERMINED YARN QUALITY

Publication

EP 0289010 B1 19911009 (DE)

Application

EP 88106780 A 19880427

Priority

CH 160187 A 19870427

Abstract (en)

[origin: US4819421A] To control the yarn quality of a yarn produced by a textile machine, for instance a friction spinning apparatus, there is provided at the end of the friction spinning operation, however, forwardly of the pair of withdrawal rolls for the outfeed of the produced yarn, a yarn tension measuring device. Upon deviating from or falling outside of a predeterminate yarn tension tolerance value or range the yarn tension measuring device controls operation of the friction spinning apparatus such that, as required, there is accomplished an appropriate increase or decrease of the yarn tension of the yarn produced by the friction spinning apparatus. Alteration of the yarn tension can be achieved, for instance, by acting upon the drive for one of the friction spinning elements, to control the rotational speed thereof, or by selectively positioning the suction nozzle of a friction spinning element, or by controlling the size of the nip between coacting friction spinning elements, or selected combinations of such measures.

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CPC (source: EP US)

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