

Title (en)

METHOD FOR MONITORING QUALITY DURING TEXTURING, AND TEXTURING APPARATUS

Title (de)

VERFAHREN ZUR QUALITÄTSÜBERWACHUNG BEIM TEXTURIEREN UND VORRICHTUNG ZUM TEXTURIEREN

Title (fr)

PROCÉDÉ DE CONTRÔLE DE LA QUALITÉ LORS DE LA TEXTURATION ET DISPOSITIF DE TEXTURATION

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Application

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Abstract (en)

[origin: WO2017080899A1] The invention relates to a method for monitoring quality during texturing of a synthetic thread and to an apparatus for texturing a synthetic thread. The thread is drawn off a feed package and stretched and textured within a texturing zone. The thread is drawn out of the texturing zone by means of a driven delivery roller, wherein a quality parameter is detected continuously for the purpose of monitoring. In order to be able to carry out sensitive quality monitoring by means of little outlay on apparatus, according to the invention a physical operating parameter of an electric motor, preferably an operating torque of the electric motor, which drives the delivery roller for drawing off the thread is measured as quality parameter. For this purpose, the apparatus according to the invention has a monitoring device which is connected to control electronics of an electric motor. The measuring means is integrated within the control electronics and formed in such a way that an operating parameter of the electric motor, preferably an operating torque, can be measured as quality parameter.

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