

Title (en)

METHOD AND DEVICE FOR EVALUATING SENSOR SIGNALS IN TEXTILE MACHINERY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUSWERTUNG VON SIGNALEN EINES SENSORS AN EINER TEXTILMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF D'INTERPRETATION DE SIGNAUX ISSUS D'UN CAPTEUR DANS UNE MACHINE TEXTILE

Publication

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Application

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Priority

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Abstract (en)

[origin: US6880207B2] A method and device for the evaluation of signals of a sensor, in particular of a microwave sensor, is proposed for the detection of the thickness, mass, density and/or moisture of at least one fiber sliver moving relative to the sensor on drafting equipment. A high-frequency unit assigned to the sensor produces a number of first digital signals in digital form of the current state of the (at least one) fiber sliver. The method according to the invention is characterized in that a second digital signal, representing the current sliver thickness or sliver mass of the (at least one) fiber sliver and which is then used to control the drafting equipment and/or to judge the fiber sliver quality, is formed according to an algorithm from the first digital signals made available. In addition a suitable device for the evaluation of the signals of a sensor is proposed.

IPC 8 full level

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