

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY MONITORING THE QUALITY OF TUBES ON SPINNING AND TWISTING SPINDLES

Title (de)

VERFAHREN UND EINRICHTUNG ZUR AUTOMATISCHEN ÜBERWACHUNG DER QUALITÄT VON HÜLSEN AUF SPINN- UND ZWIRN-SPINDELN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA SURVEILLANCE AUTOMATIQUE DE LA QUALITÉ DE TUBES SUR DES BROCHES DE FILATURE ET DE RETORDAGE

Publication

EP 3227481 A1 20171011 (DE)

Application

EP 15801458 A 20151130

Priority

- CH 18622014 A 20141203
- EP 2015078022 W 20151130

Abstract (en)

[origin: WO2016087349A1] In the method, the spindle temperature is measured continuously at each individual spindle (9) of a ring spinning machine. An increased temperature of a spindle (9) is displayed immediately on a central display (27). The display identifies the ring spinning tube (8) in question such that it can be replaced manually. The device for carrying out the method includes a separate temperature sensor (24) for each ring spinning spindle (9) of a ring spinning machine, such that the temperature is continuously measurable at each individual spindle (9) of the ring spinning machine in that the temperature sensor (24) is attached to the stationary spindle foot bearing (20). Also provided is a central computer (CPU) (26) in which the incoming signals from each spindle (9) are received via respectively separate cables (25) and are processed into signals for a central display (27). The CPU (26) contains a program by way of which the limit temperature is settable depending on the machine type, spindle type and tube type, such that when this limit temperature is exceeded, a visual and optionally also an audible signal is able to be displayed or output by the display (27).

IPC 8 full level

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CPC (source: CH EP)

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Citation (search report)

See references of WO 2016087349A1

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