

Title (en)
METHOD FOR MONITORING REQUIRED AIR CURRENTS FOR HANDLING A YARN AND/OR SLIVER AND A SPINNING MACHINE UNIT

Title (de)
VERFAHREN ZUR ÜBERWACHUNG VON ERFORDERLICHEN LUFTSTRÖMEN ZUM HANDHABEN EINES FADENS UND/ODER FASERBANDES UND SPINNMASCHINENEINHEIT

Title (fr)
PROCÉDÉ DE SURVEILLANCE DE FLUX D'AIR REQUIS POUR LA MANIPULATION D'UN FIL ET/OU D'UNE BANDE DE FIBRES ET UNE UNITÉ D'UN MÉTIER À FILER

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Application
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Abstract (en)
[origin: CN111979615A] The invention relates to a method for monitoring required air flows for handling yarns and/or fiber rods and a spinning machine unit. The airflow channel is provided with an airflow main channel and airflow branch channels, and each branch channel is branched to one spinning position. The spinning machine is provided with an analysis device and a detection device. An air volume flow measuring unit is provided. The air volume flow is measured by an air volume flow measuring unit and the result is transmitted to an analysis device. The number of produced and/or unproduced spinning positions is detected at the moment of air volume flow measurement and transmitted to the analysis device. The air volume flow setpoint value is determined on the basis of the number of produced and/or unproduced spinning positions detected at the air volume flow measurement time and corresponds to the total demand for air volume flow at the produced spinning positions at the measurement time. The air volume flow setpoint value is compared with the actual value of the measured air volume flow by an analysis device, and the analysis device evaluates whether the actual value has an inadmissible deviation relative to the air volume flow setpoint value based on the comparison result.

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