Title (en)

SPOOLING MACHINE AND METHOD FOR MONITORING A SPOOLING MACHINE

Title (de)

AUFSPULMASCHINE UND VERFAHREN ZUR ÜBERWACHUNG EINER AUFSPULMASCHINE

Title (fr)

MACHINE DE BOBINAGE ET PROCÉDÉ DE SURVEILLANCE D'UNE MACHINE DE BOBINAGE

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Abstract (en)

[origin: WO2011144732A1] The invention relates to a spooling machine for winding a number of fibres into spools and to a method for controlling and/or monitoring such a spooling machine. The spooling machine has two projecting spool spindles (3.1, 3.2), which are held on a rotatably mounted spool capstan (1). The spool spindles are guided by the spool capstan alternately into a spooling region and a changing region, wherein the spool spindle interacts with a pressure roller (6) in the spooling region. The pressure roller is held on a movable roller carrier (20). A measuring device (11) is provided for controlling and monitoring the oscillations occurring at the spool spindles. According to the invention, the measuring device has a fixed distance sensor (11.1, 11.2), which interacts with a distance contour (13), formed on one of the movable components. In this case, the component oscillation induced by the oscillations of the spool spindle is measured as a change in position of the component with respect to the machine frame.

IPC 8 full level

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