

Title (en)

METHOD OF OPERATING A SERVICE ROBOT OF A RING SPINNING MACHINE

Title (de)

VERFAHREN ZUM BETREIBEN EINES BEDIENROBOTERS EINER RINGSPINNMASCHINE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN ROBOT D'ENTRETIEN D'UN MÉTIER À FILER À ANNEAUX

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Application

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Abstract (en)

[origin: WO2020058775A1] It is disclosed a method of operating a service robot (9) of a ring spinning machine (1), which is displaceable along a row of spinning units (2) of the ring spinning machine (1). Each spinning unit (2) comprises a spindle (8), wherein the service robot (9) can be stopped at a specific spinning unit (2) in order to perform a service operation at the spinning unit (2); The method comprising the steps of storing in a memory (100, 200) different sets (A, B, C) of setting parameters (e, f, g) for the service robot (9), which set-ting parameters (e, f, g) depend on yarn characteristics and characteristics of the ring spinning machine (1); choosing a specific yarn to be produced on the spinning machine(1); and applying one of the sets (A, B, C) of setting parameters (e, f, g) to the service robot (9) according to the chosen yarn to be produced and the ring spinning machine (1) for use during the service operation. The invention as well related to a corresponding ring spinning machine.

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