

Title (en)

OPEN END ROTOR SPINNING DEVICE AND METHOD FOR OPERATING AN OPEN END ROTOR SPINNING DEVICE

Title (de)

VERFAHREN ZUM ANSPINNEN EINER OFFENEND-ROTORSPINNMASCHINE UND OFFENEND-ROTORSPINNMASCHINE

Title (fr)

PROCÉDÉ DE FILAGE D'UN MÉTIER À FILER À ROTOR À BOUT LIBRE ET MÉTIER À FILER À ROTOR À BOUT LIBRE

Publication

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Application

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Priority

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Abstract (en)

[origin: CN113755976A] The invention relates to a yarn joining method for a free-end rotor spinning machine and the free-end rotor spinning machine, and the free-end rotor spinning machine (1) is operated according to a so-called joint spinning-in method. The stations (2) of the free-end rotor spinning machine (1) each have a spinning rotor (8) which can be driven and which rotates at a high speed in a rotor housing (18) which can be subjected to negative pressure, a fiber sliver opening roller (28) which can be driven, and a fiber sliver feeding drum (11) which can be driven by a separate motor. In order to ensure that all the joints of the free-end rotor spinning machine have a specified structure even in the subsequent common spinning-in after a power failure, the feeding speed (45) of the sliver feeding drum is first continuously reduced and then temporarily increased again in order to produce a supplementary fiber feed into the spinning rotor in the event of a power failure, and the fiber sliver feeding drum is then suddenly stopped such that a targeted fiber break occurs after the point of replenishing the fiber feed, the broken fiber being removed by an air flow.

IPC 8 full level

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