

Title (en)
OPEN-END ROTOR SPINNING DEVICE

Title (de)
OFFENEND-ROTORSPINNVORRICHTUNG MIT EINSTELLBAREM FASERLEITKANAL

Title (fr)
DISPOSITIF DE FILATURE A ROTOR A SORTIE OUVERTE

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Application
EP 05715908 A 20050310

Priority
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Abstract (en)
[origin: WO2005100652A1] The invention relates to an open-end rotor spinning device comprising a spinning motor that, during the spinning process, rotates with a high rotational speed inside a rotor housing, which can be subjected to low pressure and which can be closed by a covering element. The rotor spinning device comprises a single motor-driven opening cylinder that rotates in a opening cylinder housing, and comprises an at least two-part fiber guiding channel. The output-side channel section of the fiber guiding channel extends in a channel plate adapter whose installation position in the covering element is specified by its position with regard to the spinning rotor. The input-side channel section of the fiber guiding channel is positioned inside the opening roller housing in such a manner that the center longitudinal axes of the channel sections are arranged at an angle to one another. The invention provides that the input-side channel section (30) of the fiber guiding channel (18) is mounted in a manner that enables it to move in a limited manner with regard to the output-side channel section (31) of the fiber guiding channel (18). The center longitudinal line (32) of the input-side channel section (30) is arranged in a manner that enables it to be displaced about angles (α , β) with regard to the center longitudinal line (33) of the output-side channel section (31) in order to obtain optimal yarn-dynamic values.

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