

Title (en)  
OPEN-END ROTOR SPINNING DEVICE

Title (de)  
OFFENEND-ROTORSPINNVORRICHTUNG

Title (fr)  
DISPOSITIF DE FILAGE À ROTOR À BOUT LIBRE

Publication  
**EP 2403981 B1 20140129 (DE)**

Application  
**EP 10705298 A 20100218**

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Abstract (en)  
[origin: WO2010099870A1] The invention relates to an open-end rotor spinning device comprising a spinning rotor which, during the spinning process, rotates at a high rotational speed inside a rotor housing, which can be subjected to negative pressure and which can be closed by a covering element. The covering element has a receptacle for positioning a channel plate adapter matched to the spinning rotor, an opening cylinder rotatably supported in an opening cylinder housing, and an at least two-part fiber guide channel having channel sections, the center longitudinal axes of which are arranged at an angle to one another, and of which the channel section on the input side is integrated into a fiber guide channel insert which can be fixed in a bearing hole in the opening cylinder housing, while the channel section on the output side is a constituent part of the respective channel plate adapter. According to the invention, a fiber guide channel insert (30) can be fixed in the bearing hole in the opening cylinder housing (17), of which insert at least one channel portion (28, 28B) runs at an angle of inclination ( $\alpha$ ,  $\beta$ ) with respect to a reference line (29) arranged parallel to the outer wall of the fiber guide channel insert (30), wherein the angle of inclination ( $\alpha$ ,  $\beta$ ) is in each case matched to an associated channel plate adapter (12).

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