

Title (en)

OPEN-END SPINNING ROTOR AND METHOD OF PRODUCING IT

Publication

**EP 0170877 B1 19871028 (DE)**

Application

**EP 85108169 A 19850702**

Priority

DE 3429132 A 19840808

Abstract (en)

[origin: US4663930A] In an open-end spinning rotor comprising two separately-formed rotor parts subsequently connected to one another, a parting gap between the two rotor parts opens into the fiber-collecting groove and is formed at least partially as a weld seam connecting the two rotor parts. At least part of the fiber-collecting groove may be formed by an insert ring to increase the wear-resistance of the groove. The ring, adjoining a sliding wall of the upper rotor part, is clamped between the two rotor parts and thereby radially inwards limits the parting gap inwards. To produce one of the present open-end spinning rotors, during welding the two rotor parts are so arranged relative to the welding location and rotated past the latter that the weld seam forms on the outside of the spinning rotor and does not project into the fiber-collecting groove.

IPC 1-7

**D01H 7/882**

IPC 8 full level

**B29C 65/00** (2006.01); **B29C 65/02** (2006.01); **D01H 4/10** (2006.01)

CPC (source: EP US)

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