

Title (en)
ROTOR FOR OPEN-END SPINNING

Publication
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Application
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Priority
DE 3346843 A 19831223

Abstract (en)
[origin: US4773210A] The invention relates to an open-end rotor-spinning device with a rotor shaft which is mounted and driven in the wedge-shaped gap between supporting disks and to the free end of which is assigned an axial bearing. A simplified mounting, which also allows the supporting disks to be removed and exchanged while the machine is in operation, is provided because the rotor shaft (1) is mounted at two bearing points, of which one is formed by supporting disks (2, 3) arranged in the vicinity of the spinning rotor (10) and the second is a bearing (5) which absorbs axial and radial forces and which receives the free end (11) of the rotor shaft (1). An increase in the operating speed of the spinning rotor (10) without an increase in the running speed of the drive means (6) is achieved as a result of a reduction of the diameter of the rotor shaft (1) in the region of the drive means.

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IPC 8 full level
D01H 1/241 (2006.01); **D01H 4/12** (2006.01); **D01H 7/04** (2006.01)

CPC (source: EP US)
D01H 4/12 (2013.01 - EP US)

Citation (search report)

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