

Title (en)  
ROTOR FOR OPEN-END SPINNING

Publication  
**EP 0148468 B1 19900321 (DE)**

Application  
**EP 84115728 A 19841218**

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.

IPC 1-7  
**D01H 1/241**; **D01H 4/12**; **D01H 7/04**

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)

Cited by  
DE3820328A1; FR2632980A1; US4989401A; WO2011063881A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0148468 A2 19850717**; **EP 0148468 A3 19870325**; **EP 0148468 B1 19900321**; CS 1007784 A3 19920318; CS 277289 B6 19930113; DE 3346843 A1 19850711; DE 3346843 C2 19900517; DE 3481719 D1 19900426; HK 11992 A 19920221; JP H0153363 B2 19891114; JP S60194131 A 19851002; SG 101991 G 19920320; US 4773210 A 19880927

DOCDB simple family (application)  
**EP 84115728 A 19841218**; CS 1007784 A 19841220; DE 3346843 A 19831223; DE 3481719 T 19841218; HK 11992 A 19920213; JP 26656684 A 19841219; SG 101991 A 19911204; US 68484884 A 19841221