

Title (en)

Method for operating a spinning device, rotor spinning machine with a spinning device and spinning device

Title (de)

Verfahren zum Betreiben einer Spinnvorrichtung, Rotorspinnmaschine aufweisend eine Spinnvorrichtung und Spinnvorrichtung

Title (fr)

Procédé de fonctionnement d'un dispositif de tissage, métier à tisser à rotor présentant un dispositif de tissage et dispositif de tissage

Publication

EP 2692916 A3 20150506 (DE)

Application

EP 13003141 A 20130620

Previously filed application

102012015420 20120802 DE

Priority

DE 102012015420 A 20120802

Abstract (en)

[origin: EP2692916A2] The method involves rotating a spinning rotor (16) by an electrical single drive (20) arranged in a drive housing (15). A rotor shaft (11) is supported by a magnetic bearing arrangement (21). A rotor housing (9) is loaded with low pressure during spinning process, where the shaft is extended through a connection opening (17). The drive housing is loaded with pressurized air during the process and during interruption of the process. Static high pressure is produced in the drive housing opposite to ambient pressure during the process, where the opening is sealed by a labyrinth seal (18). The labyrinth seal is designed as a contactless shaft seal. An independent claim is also included for a rotor spinning machine.

IPC 8 full level

D01H 1/20 (2006.01)

CPC (source: EP)

D01H 1/20 (2013.01); **D01H 4/14** (2013.01)

Citation (search report)

[AD] DE 102006045589 A1 20080403 - OERLIKON TEXTILE GMBH & CO KG [DE]

Cited by

EP3237658B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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