

Title (en)

OPEN-END SPINNING DEVICE AND METHOD FOR CHECKING A MOUNTING CONDITION OF A SPINNING ROTOR OF AN OPEN-END SPINNING DEVICE

Title (de)

VERFAHREN ZUM ÜBERPRÜFEN EINES MONTAGEZUSTANDS EINES SPINNROTORS EINER OFFENENDSPINNVORRICHTUNG SOWIE OFFENENDSPINNVORRICHTUNG

Title (fr)

PROCÉDÉ DE VÉRIFICATION DE L'ÉTAT DE MONTAGE D'UN ROTOR DE FILATURE D'UN DISPOSITIF DE FILATURE À BOUT LIBRE ET DISPOSITIF DE FILATURE À BOUT LIBRE

Publication

**EP 3636811 B1 20210317 (DE)**

Application

**EP 19202310 A 20191009**

Priority

DE 102018124947 A 20181010

Abstract (en)

[origin: CN111020757A] The invention relates to a method for checking the assembled state of a spinning rotor (2). The first distance (s0) between a shaft shoulder (5) of a rotor shaft (3) and a front axial stop bearing (10) is defined for a normal axial operating position (11) of the spinning rotor (2). Before the spinning rotor (2) is started, the spinning rotor (2) is moved axially along the direction of the forward axial stop bearing (10) until the spinning rotor (2) reaches an axial stop, and a first stroke of the spinning rotor (2) between the normal axial operating position (11) and the axial stop is detected. The detected first stroke (s) is compared with the first distance (s0), and when s = s0, the spinning rotor (2) is activated, and when s < s0, the activation of the spinning rotor (2) is prevented. The corresponding open-end spinning device (1) has a control device (15) which is designed to carry out the method.

IPC 8 full level

**D01H 4/12** (2006.01)

CPC (source: CN EP)

**D01H 4/12** (2013.01 - CN EP); **D01H 4/44** (2013.01 - CN)

Cited by

CN117394644A

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

DOCDB simple family (publication)

**EP 3636811 A1 20200415**; **EP 3636811 A9 20200617**; **EP 3636811 B1 20210317**; CN 111020757 A 20200417; CN 111020757 B 20221108; DE 102018124947 A1 20200416

DOCDB simple family (application)

**EP 19202310 A 20191009**; CN 201910950056 A 20191008; DE 102018124947 A 20181010