Title (en)

METHOD AND DEVICE FOR ADJUSTING THE WINDING OF BOBBINS

Title (de)

VERFAHREN BZW. VORRICHTUNG ZUR BEEINFLUSSUNG DES BEWICKLUNGSZUSTANDES VON RINGSPINNKOPSEN

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE RÉGLER L'ENROULEMENT DES BOBINES

Publication

EP 3581687 B1 20221019 (DE)

Application

EP 19178479 A 20190605

Priority

DE 102018113886 A 20180611

Abstract (en)

[origin: CN110578192A] The invention relates to a method and a device for influencing the coiling state of ring spinning bobbins (9), wherein the ring spinning bobbins are produced at a workstation (50) of a ring spinning machine (30) according to a specified spinning program. At a workstation (2) of a coiling machine (1) downstream of the production process, the ring spinning bobbins (9) are rewound to form a cross-wound package (15), in which thread (31) running out of the ring spinning bobbins (9) is continuously monitored, thread faults are registered, and thread faults exceeding specified limits are cleared. According to the invention, data relating to a thread fault of the ring spinning bobbins (9) is determined by a workstation (2) of the coiling machine (1) during a rewinding process of the ring spinningbobbins (9), sent back to a control device (57) of the associated ring spinning machine (30), and used at the control device to optimize the coiling state of new ring spinning bobbins (9).

IPC 8 full level

D01H 1/02 (2006.01); **B65H 63/06** (2006.01); **D01H 13/16** (2006.01); **D01H 13/32** (2006.01)

CPC (source: CN EP)

B65H 63/00 (2013.01 - CN EP); **B65H 63/06** (2013.01 - EP); **D01H 1/02** (2013.01 - EP); **D01H 13/14** (2013.01 - CN); **D01H 13/16** (2013.01 - EP); **D01H 13/26** (2013.01 - CN); **D01H 13/32** (2013.01 - EP); B65H 2701/31 (2013.01 - EP); D01H 1/02 (2013.01 - CN)

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 3581687 A1 20191218; **EP 3581687 B1 20221019**; CN 110578192 A 20191217; CN 110578192 B 20220830; DE 102018113886 A1 20191212; JP 2019214476 A 20191219; JP 7463063 B2 20240408

DOCDB simple family (application)

EP 19178479 A 20190605; CN 201910500497 A 20190611; DE 102018113886 A 20180611; JP 2019107834 A 20190610