

Title (en)

Method and device of detecting an abnormality of a spool changing device of a single spindle driving type spinning machine

Title (de)

Verfahren und Vorrichtung zur Fehlererkennung in einer Spulenwechseleinrichtung an einer Spinnvorrichtung mit einzelangetriebenen Spindeln

Title (fr)

Procédé et dispositif de détection d'anomalie dans un appareil pour échanger des bobines dans un métier à filer avec des broches entraînées individuellement

Publication

EP 1199390 B1 20040114 (EN)

Application

EP 01124227 A 20011015

Priority

JP 2000316485 A 20001017

Abstract (en)

[origin: EP1199390A1] When performing a spool changing operation, with an empty bobbin (E) fitted onto a spindle (2) by a gripping device (19), a torque weaker than a normal gripping force of each gripping device is applied to each spindle by each spindle motor (3). The gripping device of a spindle unit whose spindle has rotated is judged to be in an abnormal gripping state. Next, the grip is canceled, and a similar weak torque is applied to each spindle again. The gripping device of a spindle unit whose spindle has not rotated is judged to have abnormality in grip canceling. <IMAGE>

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