

Title (en)

A METHOD OF INDIVIDUAL YARN SPINNING-IN AT AN OPERATING UNIT OF A ROTOR SPINNING MACHINE AND A DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM INDIVIDUELLEN FADENANSpanNEN AN EINER ARBEITSEINHEIT EINER ROTORSPINNMASCHINE UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE SERVANT A MELER UN FIL INDIVIDUELLEMENT DANS UNE UNITE DE METIER A FILER A ROTOR ET DISPOSITIF SERVANT A METTRE EN APPLICATION CE PROCEDE

Publication

EP 0960225 A1 19991201 (EN)

Application

EP 98901318 A 19980205

Priority

- CZ 9800006 W 19980205
- CZ 44097 A 19970213

Abstract (en)

[origin: WO9836115A1] The invention relates to a method of individual spinning-in of yarn (32) at an operating unit of a rotor spinning machine in which on a lifted bobbin (92) there is first manually detected the end of the yarn (32), manually metered out the yarn (32) length required for carrying out the spinning-in process, and at the end of the yarn (32) is formed, and then introduced into a delivery tube (15) of the spinning rotor (14), a spinning-in end of the yarn (32). Prior to being spun-in, the yarn (32) is led into its travel path at the operating unit of a rotor spinning machine and passes through a draw-off mechanism, i.e., between a draw-off roller (41) and a pressure roller (43) tilted away from the draw-off roller (41), is deflected from its travel path by at least one deflecting means (10, 20) of the operating unit of the spinning machine while passing outside the distribution mechanism (8) whereupon the deflecting member (10, 20) is released and due to this the spinning-in end of yarn (32) comes onto the collecting groove (141) of the spinning rotor (14) on which prior to this there was formed a fibre band (31) beginning then to join it whereupon, at a predetermined time interval after the yarn (32) spinning-in end has come onto the collecting groove (141) of the spinning rotor (14), the draw-off mechanism (4) of the operating unit of the spinning machine begins to draw off the yarn (32), and the winding mechanism (9) of the operating unit of the spinning machine begins to wind it. Preferably, the quality and presence of the yarn (32) is monitored at least in front of the draw-off mechanism (4).

IPC 1-7

D01H 4/50

IPC 8 full level

D01H 4/48 (2006.01); **D01H 4/50** (2006.01)

CPC (source: EP)

D01H 4/50 (2013.01)

Citation (search report)

See references of WO 9836115A1

Cited by

DE102015118987A1

Designated contracting state (EPC)

CH DE ES IT LI

DOCDB simple family (publication)

WO 9836115 A1 19980820; AU 5747498 A 19980908; CN 1138882 C 20040218; CN 1247580 A 20000315; CZ 284295 B6 19981014; CZ 44097 A3 19981014; DE 69803275 D1 20020221; DE 69803275 T2 20020516; EP 0960225 A1 19991201; EP 0960225 B1 20011121; ES 2165143 T3 20020301

DOCDB simple family (application)

CZ 9800006 W 19980205; AU 5747498 A 19980205; CN 98802530 A 19980205; CZ 44097 A 19970213; DE 69803275 T 19980205; EP 98901318 A 19980205; ES 98901318 T 19980205