

Title (en)

SPINDLE SPINNING OR SPINDLE TWISTING METHOD AND OPERATING UNIT FOR CARRYING OUT THIS METHOD

Title (de)

SPINDELSPINN- ODER SPINDELZWIRNVERFAHREN UND DIE ARBEITSEINHEIT ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE FILAGE OU DE RETORDAGE SUR BROCHE ET UNITE DE TRAVAIL POUR LA MISE EN OEUVRE DU PROCEDE

Publication

EP 0883703 B1 20011128 (DE)

Application

EP 97904336 A 19970224

Priority

- CZ 9700009 W 19970224
- CZ 59696 A 19960228

Abstract (en)

[origin: WO9732065A1] The method is carried out on an operating unit which comprises a driven spindle (13) and a balloon control ring (14) which is concentric with the spindle (13), is driven in the same sense as the latter and has an inner operating surface (44). In order to achieve a high operating speed, the centrifuging process always first imparts the shape of a rotating open loop (48) to the yarn (P) which is entrained by the operating surface (44) and runs in the direction towards the tube (23) on the spindle (13). The yarn (P) is then drawn off from the open loop (48) and wound directly onto the tube (23). At the same time, this rotating open loop (48) can be radially delimited by a rotating or stationary delimiting ring (28).

IPC 1-7

D01H 1/42

IPC 8 full level

D01H 1/06 (2006.01); **D01H 1/42** (2006.01)

CPC (source: EP US)

D01H 1/06 (2013.01 - EP US); **D01H 1/427** (2013.01 - EP US)

Cited by

WO2004076727A1; WO2006058507A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

WO 9732065 A1 19970904; DE 59705546 D1 20020110; EP 0883703 A1 19981216; EP 0883703 B1 20011128; US 6182434 B1 20010206

DOCDB simple family (application)

CZ 9700009 W 19970224; DE 59705546 T 19970224; EP 97904336 A 19970224; US 12555498 A 19980828