

Title (en)

METHOD AND DEVICE FOR THE PRODUCTION OF A SLIVER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON VORGARNLUNTE

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE UNE MECHE

Publication

EP 1560960 A1 20050810 (DE)

Application

EP 03772296 A 20031103

Priority

- DE 10251727 A 20021105
- EP 0312243 W 20031103

Abstract (en)

[origin: DE10251727A1] In a process to prepare slubbing for a textile ring spinning machine, a drawing frame sliver is fed to drafting rollers and then twisted before it is wound onto a spool prior to use. The fiber (F) discharged from the drafting rollers is fed to a first pneumatic twist chamber (1) with a passage (11) in which the air rotates in the opposite direction to that in a second pneumatic twist chamber (2). Prior to its surrender to the first twist chamber (1) the fibers (F) are separated into peripheral fibers (FR) with loose ends and twisted fibers (FD). In the first chamber the loose ends of the peripheral fibers (FR) are twisted in the opposite direction to those of the twisted fibers (FD). Also claimed is a commensurate twisting assembly and a take-up reel and winder for the finished slubbing fiber. The drawing frame esp. has no fiber compressor located prior to the drawing frame outlet. The drawing frame discharges esp. to first and second twist chambers.

IPC 1-7

D01H 5/28; **D01H 7/92**; **D01H 1/115**; **D01H 5/72**

IPC 8 full level

D01H 1/115 (2006.01); **D01H 5/72** (2006.01)

CPC (source: EP)

D01H 1/115 (2013.01); **D01H 5/72** (2013.01)

Citation (search report)

See references of WO 2004042126A1

Cited by

CN115210420A; EP3839114A1

Designated contracting state (EPC)

CH CZ DE IT LI

DOCDB simple family (publication)

DE 10251727 A1 20040513; AU 2003279347 A1 20040607; DE 50306404 D1 20070315; EP 1560960 A1 20050810; EP 1560960 B1 20070124; WO 2004042126 A1 20040521

DOCDB simple family (application)

DE 10251727 A 20021105; AU 2003279347 A 20031103; DE 50306404 T 20031103; EP 0312243 W 20031103; EP 03772296 A 20031103