

Title (en)

Method and device for manufacturing condensed yarn

Title (de)

Verfahren und Vorrichtung zum Herstellen von verdichtetem Garn

Title (fr)

Procédé et dispositif pour la production de fil condensé

Publication

EP 1006224 B2 20051130 (DE)

Application

EP 99121016 A 19991021

Priority

DE 19856121 A 19981204

Abstract (en)

[origin: EP1006224A2] During spinning of yarn with a condensing device (12) using air suction (S), the airflow is monitored at each position. When it falls below a limiting value, a fault signal is given or the process is stopped. Either the static or dynamic pressure, or the flow rate can be measured. An Independent claim is also included for a spinning position with a drafting system (2,3,10) for the sliver (1) and a suction arrangement (12) providing a suction flow (S). Instrumentation in the suction duct (22) is connected to an evaluation unit or alarm.

IPC 1-7

D01H 13/14; **D01H 5/72**; **D01H 5/26**; **D01H 5/60**

IPC 8 full level

D01H 5/26 (2006.01); **D01H 5/60** (2006.01); **D01H 5/72** (2006.01); **D01H 5/74** (2006.01); **D01H 13/14** (2006.01); **D01H 13/16** (2006.01)

CPC (source: EP US)

D01H 5/26 (2013.01 - EP US); **D01H 5/72** (2013.01 - EP US); **D01H 13/14** (2013.01 - EP US)

Citation (opposition)

Opponent :

- DE 3823289 A1 19890126 - MURATA MACHINERY LTD [JP]
- EP 0212978 A2 19870304 - FAHEY JAMES
- DE 4323472 C2 19970807 - INST F TEXTIL UND VERFAHRENSTE [DE]
- DE 3927936 A1 19900405 - FEHRER ERNST [AT]

Cited by

EP2161356A1; EP4180558A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 1006224 A2 20000607; **EP 1006224 A3 20001115**; **EP 1006224 B1 20030709**; **EP 1006224 B2 20051130**; DE 19856121 A1 20000608; DE 19856121 C2 20031218; DE 59906252 D1 20030814; JP 2000170043 A 20000620; US 6134872 A 20001024

DOCDB simple family (application)

EP 99121016 A 19991021; DE 19856121 A 19981204; DE 59906252 T 19991021; JP 33617599 A 19991126; US 45269899 A 19991202