

Title (en)
Device for the manufacture of condensed yarn

Title (de)
Vorrichtung zum Herstellen von verdichtetem Garn

Title (fr)
Dispositif pour la fabrication de fil condensé

Publication
EP 1352999 B1 20050727 (DE)

Application
EP 03007569 A 20030402

Priority
DE 10215360 A 20020408

Abstract (en)
[origin: EP1352999A2] The sliver drawing unit has a condensing section to condense the drawn sliver (1). It has at least one suction unit (4) to condense the sliver at a fiber bundling zone (F), with at least one sliver twisting system and a monitor (10) to register the suction air flow. The monitor has a swing flap (12), on a lateral pivot axis (15), which shifts its position on an interruption in the suction air flow, and the position change is registered by a sensor which opens/closes a signal circuit (18) to an evaluation unit (20) fitted with an alarm and/or a system stop facility.

IPC 1-7
D01H 13/14; **D01H 5/72**; **D01H 5/26**

IPC 8 full level
D01H 5/70 (2006.01); **D01H 5/26** (2006.01); **D01H 5/66** (2006.01); **D01H 5/72** (2006.01); **D01H 5/86** (2006.01); **D01H 13/14** (2006.01)

CPC (source: EP)
D01H 5/26 (2013.01); **D01H 5/72** (2013.01); **D01H 5/86** (2013.01); **D01H 13/14** (2013.01)

Cited by
EP2161356A1; CN101666000A; DE102011050919A1; EP2503035A1

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 1352999 A2 20031015; **EP 1352999 A3 20040128**; **EP 1352999 B1 20050727**; DE 10215360 C1 20031030; DE 50300833 D1 20050901; JP 2003306837 A 20031031

DOCDB simple family (application)
EP 03007569 A 20030402; DE 10215360 A 20020408; DE 50300833 T 20030402; JP 2003095748 A 20030331