

Title (en)

Device for controlling the air stream in a open-end spinning device

Title (de)

Vorrichtung zur Steuerung eines Luftstromes in einer Offenend-Spinnvorrichtung

Title (fr)

Dispositif pour contrôler le courant d'air dans un métier à filer à bout ouvert

Publication

EP 0822276 B1 20001102 (DE)

Application

EP 97111818 A 19970711

Priority

DE 19631234 A 19960802

Abstract (en)

[origin: EP0822276A1] Apparatus to control an air stream in an open-end (OE) spinning unit has an opening cylinder(3) in a first casing chamber (32) for opening sliver ribbon (1) into individual fibres for feeding via a connecting supply channel (30) to be gathered on a collecting surface in a rotor running in a second chamber. At least one air feed channel (84), with a connector aperture (830), discharges into either chamber or their connecting channel. An air-line (98) service terminal (980) on a service trolley (9) which traverses several OE-spinning units can be applied to the connector aperture which pivots a defined amount under action of a device connected to a trolley-based controller (92). A flexible intermediate section (981, 840) is connected either to air feed channel or air-line so that the service terminal is free to move relative to either and can follow the motion of the connector aperture.

IPC 1-7

D01H 4/24

IPC 8 full level

D01H 4/08 (2006.01); **D01H 4/24** (2006.01); **D01H 4/30** (2006.01); **D01H 4/34** (2006.01)

CPC (source: EP US)

D01H 4/24 (2013.01 - EP US)

Cited by

CN107904712A

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 0822276 A1 19980204; **EP 0822276 B1 20001102**; CZ 236497 A3 19980218; DE 19631234 A1 19980205; DE 59702559 D1 20001207; SK 103197 A3 19980506; US 5916119 A 19990629

DOCDB simple family (application)

EP 97111818 A 19970711; CZ 236497 A 19970724; DE 19631234 A 19960802; DE 59702559 T 19970711; SK 103197 A 19970728; US 89913297 A 19970723