

Title (en)
OPEN-ENDED SPINNING APPARATUS AND METHOD FOR STARTING THE SAME

Publication
EP 0303003 B1 19911204 (DE)

Application
EP 88107353 A 19880507

Priority
DE 3726531 A 19870810

Abstract (en)
[origin: US4893462A] In an open-end spinning device with a spinning rotor a compressed air conduit is provided for directing an air current upon the inner surface of the spinning rotor. This compressed air conduit is connected through a stop valve to a source of compressed air. The compressed air conduit is provided with a pressure control device which can be pre-set to at least two pressure levels. The pressure control device has parallel conduits of which one conduit is provided with a pressure reduction device for the low pressure. During the preparation of the piecing operation, compressed air, at high pressure, is fed into the spinning rotor to clean said spinning rotor. Subsequently, but before the start of fiber feeding into the spinning rotor, the compressed air is reduced to a lower pressure value and is finally switched off before the yarn is fed back into the spinning rotor. The invention includes the process for restarting the open-end spinning device. Both the process and the device may be manually or automatically operated.

IPC 1-7
D01H 4/48

IPC 8 full level
D01H 4/24 (2006.01); **D01H 4/48** (2006.01); **D01H 4/50** (2006.01)

CPC (source: EP US)
D01H 4/24 (2013.01 - EP US); **D01H 4/50** (2013.01 - EP US)

Cited by
EP0822276A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
DE 3726531 C1 19881208; BR 8803661 A 19890214; CN 1027000 C 19941214; CN 1031265 A 19890222; CS 8805533 A2 19911015; CZ 281364 B6 19960911; DE 3866625 D1 19920116; EP 0303003 A1 19890215; EP 0303003 B1 19911204; IN 171718 B 19921219; US 4893462 A 19900116

DOCDB simple family (application)
DE 3726531 A 19870810; BR 8803661 A 19880722; CN 88104982 A 19880809; CS 553388 A 19880809; DE 3866625 T 19880507; EP 88107353 A 19880507; IN 569MA1988 A 19880809; US 22781688 A 19880803