

Title (en)
METHOD FOR PIECING A YARN IN A FRICTION-SPINNING DEVICE

Publication
EP 0222101 B1 19890503 (DE)

Application
EP 86112564 A 19860911

Priority
CH 468585 A 19851031

Abstract (en)
[origin: US4680924A] In order to start or recommence spinning of a yarn in a friction spinning device, the following method steps are carried out upon start-up of a new spinning operation or upon piecing after a thread break: fibers separated by an opening device are delivered by means of a fiber transporting passage to a rotating friction spinning drum and are twisted to form a twisted fiber structure; when the twisted fiber structure has substantially reached a predeterminate diameter or size, then the twisted fiber structure is transported by an airstream delivered by a pressure duct towards and into a guide tube and is forwarded therein into a convergent space of rotating withdrawal rolls; and the twisted fiber structure is caught at production speed by these withdrawal rolls and delivered on a divergent side of the withdrawal rolls to a receiving suction device which transfers the spun yarn subsequent to the twisted fiber structure to further processing elements.

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D01H 15/02

IPC 8 full level
D01H 11/00 (2006.01); **D01H 4/52** (2006.01)

CPC (source: EP US)
D01H 4/52 (2013.01 - EP US)

Cited by
EP0294795A1; US4918913A; EP0289028A1; US4856269A

Designated contracting state (EPC)
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EP 0222101 A1 19870520; EP 0222101 B1 19890503; AT E42777 T1 19890515; DE 3663156 D1 19890608; IN 168013 B 19910119; JP S62104931 A 19870515; US 4680924 A 19870721

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EP 86112564 A 19860911; AT 86112564 T 19860911; DE 3663156 T 19860911; IN 658MA1986 A 19860813; JP 25866386 A 19861031; US 92268386 A 19861024