

Title (en)

Spinning machine with a fiber bundle supply interruption device

Title (de)

Spinnmaschine mit einer Faserbündelversorgungs-Unterbrechungsvorrichtung

Title (fr)

Métier à filer comportant un dispositif d'interruption d'alimentation de faisceau de fibres

Publication

EP 2873757 B1 20190306 (EN)

Application

EP 14191683 A 20141104

Priority

JP 2013238100 A 20131118

Abstract (en)

[origin: EP2873757A1] A fiber bundle supply interruption device for a spinning machine includes a drafting unit (10), which includes a back roller (14a, 14b), a duct (31), which has a length that is greater than or equal to a length of four spindles, and a fiber bundle holding mechanism (34), which is coupled to the duct. The fiber bundle holding mechanism holds a fiber bundle to be supplied to the drafting unit at a position rearward from the back roller of the drafting unit. The fiber bundle holding mechanism includes a holding member (34), which holds the fiber bundle, a biasing member (38), which biases the holding member from a fiber bundle releasing position to a fiber bundle holding position, and an actuator (40), which switches the holding member between a state in which the holding member is maintained at the fiber bundle releasing position and a state in which the holding member is released from the maintained state. The duct accommodates wiring (43, 44) required for driving the actuator.

IPC 8 full level

D01H 13/18 (2006.01)

CPC (source: CN EP)

D01H 13/188 (2013.01 - CN EP)

Citation (examination)

- US 5211709 A 19930518 - HUSSEY JOHN W [US]
- JP S59178378 U 19841129
- DD 268719 A1 19890607 - TEXTIMA VEB K [DD]
- JP S61206679 U 19861227

Designated contracting state (EPC)

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EP 2873757 A1 20150520; EP 2873757 B1 20190306; CN 104651994 A 20150527; CN 104651994 B 20170419; ES 2727510 T3 20191016; JP 2015098655 A 20150528; JP 5979121 B2 20160824

DOCDB simple family (application)

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