

Title (en)
SPINNING MACHINE

Title (de)
SPINNMASCHINE

Title (fr)
FILEUSE

Publication
EP 2752513 A1 20140709 (EN)

Application
EP 12828360 A 20120822

Priority
• JP 2011189726 A 20110831
• JP 2012071227 W 20120822

Abstract (en)
A spinning machine is provided that can extend life of draft roller pairs by controlling to move and stop a fiber bundle with respect to the draft roller pairs according to the fiber bundle to be drafted, without reducing the quality of spun yarns. There are included a movable base unit 25 to which a guiding unit 28 and a spinning unit 3 are mounted, a driving unit 26 configured to move the movable base unit 25 in parallel with respect to a rotating shaft direction of draft roller pairs 21, 22, 23, and 24, a detecting unit 29 configured to detect a position of at least one of the guiding unit 28, the spinning unit 3, and the movable base unit 25, and a control unit 7 configured to transmit a positional command signal to the driving unit 26 based on a detection signal from the detecting unit 29 and control the position of the movable base unit 25, thereby adjusting the relative positional relation of the guiding unit 28 and the spinning unit 3 with respect to the draft roller pairs 21, 22, 23, and 24 and changing the holding position of the fiber bundle F held by the draft roller pairs 21, 22, 23, and 24.

IPC 8 full level
D01H 13/22 (2006.01); **D01H 5/56** (2006.01); **D01H 13/06** (2006.01)

CPC (source: EP)
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Cited by
EP4339341A1; LU502705B1

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