

Title (en)
Individual-spindle-drive type textile machine

Title (de)
Textilmaschine mit Einzelspindelantrieb

Title (fr)
Machine textile avec broche à entraînement individuel

Publication
EP 0942081 B1 20040526 (EN)

Application
EP 99103458 A 19990223

Priority
• JP 6235998 A 19980313
• JP 8092798 A 19980327

Abstract (en)
[origin: EP0942081A2] The present invention provides a individual-spindle-drive type textile machine capable of operating upon power stoppage to use simple control means to decelerate and stop a spindle drive system and a drum drive system synchronously. The present invention provides an individual-spindle-drive type textile machine 7 for a multi-twister 1 using inverters 42 and 45 to drive a plurality of spindle drive motors 6 provided for the respective spindles and a winding drum drive motor 4 common to the plurality of spindle units, respectively. The individual-spindle-drive type textile machine 7 has a power stoppage means 34 for detecting power stoppage when the voltage decreases by a specified value or larger, stop instruction means 35, 46, 44, and 51 for outputting a stop instruction to each of the inverters 42 and 45, and stopping means 42 and 9 for providing feedback control in such a way as to stop each of the motors 4 and 6 within a predetermined time period based on said stop instruction.

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IPC 8 full level
D01H 1/244 (2006.01); **D01H 1/32** (2006.01)

CPC (source: EP KR)
D01H 1/244 (2013.01 - EP KR); **D01H 1/32** (2013.01 - EP KR)

Cited by
EP3471262A1; CN103541057A; FR2831350A1; FR2869329A1; EP2298970A3; CN109056126A; US11190116B2; WO2019072551A1; WO03035950A1; WO2014087383A3; EP1174889B2

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