

Title (en)

Motor-driving system for an individual-spindle-drive type textile machine

Title (de)

Motorantriebssystem für Textilmaschinen mit Einzelspindelantrieb

Title (fr)

Système d'entraînement d'un moteur pour des machines textile de type à entraînement de broche individuelle

Publication

EP 1178137 A1 20020206 (EN)

Application

EP 01113303 A 20010531

Priority

JP 2000234599 A 20000802

Abstract (en)

It is an object to provide a motor driving system for an individual-spindle-drive type textile machine which is to reduce the number and the cost of wiring for a plurality of spindle units by reducing a number of transmission lines to transmit respective command signals. A motor driving system for an individual-spindle-drive type textile machine is provided with a plurality of drivers 30 individually controlling drive motors 2 in each spindle unit and a signal setting device 50 connected to a plurality of drivers 30 via a common command signal transmission line 40. The signal setting machine 50 is provided with means of forming rotational speed command signals represented as a frequency according to an intended rotational speed of respective drive motors 2 and parameter command signals indicating parameter to set an operational condition to transmit each command signal via the common command signal transmission line 40 to each driver 30 distinguishing between rotational speed command signals and parameter received from the signal setting device 50 to control each drive motors 2 in accordance with the recognition <IMAGE>

IPC 1-7

D01H 1/244; **D01H 1/34**

IPC 8 full level

D01H 7/00 (2006.01); **D01H 1/244** (2006.01); **D01H 1/34** (2006.01)

CPC (source: EP KR)

D01H 1/244 (2013.01 - EP); **D01H 1/34** (2013.01 - EP); **D01H 7/00** (2013.01 - KR)

Citation (search report)

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- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08 6 October 2000 (2000-10-06)

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1178137 A1 20020206; **EP 1178137 B1 20041110**; DE 60107021 D1 20041216; DE 60107021 T2 20051124; JP 2002054032 A 20020219; JP 4048702 B2 20080220; KR 20020011861 A 20020209

DOCDB simple family (application)

EP 01113303 A 20010531; DE 60107021 T 20010531; JP 2000234599 A 20000802; KR 20010027199 A 20010518