

Title (en)

Method for controlling yarn tension

Title (de)

Verfahren zur Regelung der Fadenzugkraft

Title (fr)

Procédé pour le réglage de la force de tension de fil

Publication

EP 0751244 A3 20010919 (DE)

Application

EP 96109592 A 19960614

Priority

DE 19523995 A 19950630

Abstract (en)

[origin: EP0751244A2] The method for controlling yarn tension after the friction twisting head (6) on a false twist texturing machine comprises using: (i) a controller (12) with control constants (I,P) which converts the deviation of the measured yarn tension (T) from a required value arising from a disturbance of magnitude (Z) into a correction signal (VS) to adjust the setting (S) of the twisting head (6); where: (a) during the control process the control constants (I,P) are corrected according to the magnitude (Z) of the disturbing factors.

IPC 1-7

D02G 1/08; **G01N 33/36**

IPC 8 full level

B65H 59/10 (2006.01); **B65H 59/38** (2006.01); **B65H 59/40** (2006.01); **D01H 5/88** (2006.01); **D01H 13/22** (2006.01); **D02G 1/08** (2006.01); **D02J 1/22** (2006.01)

CPC (source: EP KR US)

D02G 1/02 (2013.01 - KR); **D02G 1/08** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

CH DE FR GB IT LI

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EP 0751244 A2 19970102; **EP 0751244 A3 20010919**; **EP 0751244 B1 20070808**; CN 1066500 C 20010530; CN 1142550 A 19970212; DE 59611441 D1 20070920; JP 3699535 B2 20050928; JP H09137322 A 19970527; KR 100396155 B1 20031120; KR 970001633 A 19970124; TW 368525 B 19990901; US 5664409 A 19970909

DOCDB simple family (application)

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