

Title (en)  
Yarn tension

Title (de)  
Fadenspannung

Title (fr)  
Tension de fil

Publication  
**EP 1975106 A3 20091021 (DE)**

Application  
**EP 08450041 A 20080326**

Priority  
AT 4682007 A 20070326

Abstract (en)  
[origin: EP1975106A2] The system to control the tension of a yarn (4) or ribbon, during winding on to a bobbin (5) at a bobbin winder with a number of stations, has a compensator roller (8) in the path to the bobbin on a spindle with a drive motor (17). The position of the roller, against a spring (14), is registered by a positioning unit (20) to generate an actual position signal ( $\alpha$ ) for a control amplifier (19). The control amplifier transmits a command signal (S) to the motor, from a comparison of the actual and nominal position value ( $\alpha$ ), to keep the compensator roller in a constant setting. The reference value, to set the spring tension, is supplied by a central control computer (21).

IPC 8 full level  
**B65H 59/36** (2006.01); **B65H 59/38** (2006.01)

CPC (source: EP)  
**B65H 59/36** (2013.01); **B65H 59/385** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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Designated extension state (EPC)  
AL BA MK RS

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