

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 (lalpha ) 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 (Salpha ), 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 contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1975106 A2 20081001; EP 1975106 A3 20091021; EP 1975106 B1 20120718**

DOCDB simple family (application)  
**EP 08450041 A 20080326**