

Title (en)  
Tensioner.

Title (de)  
Spannvorrichtung.

Title (fr)  
Tendeur.

Publication  
**EP 0644146 A3 19950719 (EN)**

Application  
**EP 94306864 A 19940920**

Priority  
GB 9319483 A 19930921

Abstract (en)  
[origin: EP0644146A2] A wire tensioner incorporates a hysteresis brake (1) to apply tension to the wire. The residual torque or cogging effect which is caused when current is switched off when the brake rotor is stationary is reduced or eliminated by applying a decaying alternating current to the stator coil. <IMAGE> <IMAGE>

IPC 1-7  
**B65H 59/00**

IPC 8 full level  
**H01F 7/18** (2006.01); **B65H 59/16** (2006.01); **H02K 49/06** (2006.01)

CPC (source: EP)  
**B65H 59/16** (2013.01)

Citation (search report)  
• [X] GB 2026558 A 19800206 - APPALACHIAN ELECTRONIC INSTR  
• [A] US 3727390 A 19730417 - SCHWARZ O  
• [A] US 5238095 A 19930824 - PEDU JEFFREY C [US]  
• [A] EP 0440246 A1 19910807 - BARMAG BARMER MASCHF [DE]  
• [AP] "Friction free method of torque control", DESIGN ENGINEERING, LONDON GB, pages 123 - 128

Designated contracting state (EPC)  
CH DE FR GB IT LI

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**EP 0644146 A2 19950322; EP 0644146 A3 19950719**; GB 2281918 A 19950322; GB 9319483 D0 19931103; JP H07236264 A 19950905

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**EP 94306864 A 19940920**; GB 9319483 A 19930921; JP 22530594 A 19940920