

Title (en)
YARN TENSION REGULATION

Publication
EP 0477491 A3 19920603 (DE)

Application
EP 91111584 A 19910712

Priority
DE 4027275 A 19900829

Abstract (en)
[origin: EP0477491A2] In a yarn-tension regulation for yarns subjected to variations in tension and/or in speed, especially on a cross-wound spooling machine, having a tracer element held movably on a base part, acting as a sensor for the yarn tension and as a yarn-length compensator and possessing a prestressed helical spring counteracting the yarn tension, and having a yarn brake which is located in the yarn run in front of the tracer element and which is controlled via an electrical regulating device as a function of the position of the tracer element, the prestress of the helical spring (11) can be varied via a programmable adjusting device (12-20).

IPC 1-7
B65H 59/16

IPC 8 full level
B65H 59/16 (2006.01); **B65H 59/36** (2006.01)

CPC (source: EP)
B65H 59/16 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 134 (M-479)(2191) 17. Mai 1986 & JP-A-60 258 072 (TOYODA JIDO SHOKKI SEISAKUSHO K.K.) 19. Dezember 1985

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Designated contracting state (EPC)
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