

Title (en)
Starting-up device for creels.

Title (de)
Vorrichtung für die Anlaufsteuerung von Spulengattern.

Title (fr)
Dispositif pour la mise en marche de cantres.

Publication
EP 0311781 B2 19941214 (DE)

Application
EP 88114274 A 19880901

Priority
DE 3734518 A 19871013

Abstract (en)
[origin: EP0311781A1] Device for controlling the starting of creels for warping machines, of which the winding stations (1) arranged in rows and lines are each assigned a thread catch, causing a thread deflection by means of a catch needle (2), and a thread lock (3), by which a thread (4) can be clamped between an abutment (5) and a clamping jaw (6) which interacts with this and is movable to a limited extent and which is under the effect of a control member, especially a control spring (7), of which the clamping force in the effective range of the lock between the clamping position and open position can be controlled, during the starting of the machine, by an adjusting device (8) which jointly loads all the thread locks (3). <??>To obtain the best possible control of the thread lock (3), the device is so designed that the clamping jaw (6) is free to execute a relative movement in the direction of the longitudinal extension of the abutment (5) during the control of the clamping force, and its clamping force is directed solely perpendicularly relative to the abutment surface (9). <IMAGE>

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D02H 13/04; **D02H 13/24**; **B65H 59/22**

IPC 8 full level
B65H 59/22 (2006.01); **D02H 13/04** (2006.01); **D02H 13/24** (2006.01)

CPC (source: EP US)
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Cited by
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EP 0311781 A1 19890419; **EP 0311781 B1 19901114**; **EP 0311781 B2 19941214**; DE 3734518 A1 19890427; DE 3861087 D1 19901220; ES 2019129 B3 19910601; ES 2019129 T5 19950816; US 5040742 A 19910820

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