

Title (en)

PROCESS AND DEVICE FOR COPPING A THREAD

Publication

**EP 0237892 B1 19900808 (DE)**

Application

**EP 87103271 A 19870307**

Priority

CH 107386 A 19860317

Abstract (en)

[origin: US4768728A] The tension in the rewound thread is modified in programmed manner as a function of the residual thread length still on a copy, the residual thread length being determined from the difference between the total thread length on the copy and the thread length already unwound from the cop. The total thread length on a cop is calculated from the weight of the thread and a calculation factor length per thread weight. For this purpose, the apparatus for performing the method has a weighing cell, which is connected to the control unit of the rewinding means. During the complete rewinding process, the rewinding speed can be kept close to the limit beyond which thread breaks increasingly occur.

IPC 1-7

**B65H 59/38**

IPC 8 full level

**B65H 59/00** (2006.01); **B65H 54/02** (2006.01); **B65H 54/70** (2006.01); **B65H 59/24** (2006.01); **B65H 59/38** (2006.01); **B65H 61/00** (2006.01); **B65H 63/08** (2006.01)

CPC (source: EP US)

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Cited by

EP4230561A1; DE4217059A1; US5301887A; DE4030892C2; DE3714320A1; DE3714320C3; DE19909951A1; CN116955894A; EP0453890A1; CH681233A5; DE3734395A1; US9410033B2; EP0311815B1

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**EP 0350081 A2 19900110**; **EP 0350081 A3 19900117**; CH 669177 A5 19890228; DE 3764124 D1 19900913; EP 0237892 A1 19870923; EP 0237892 B1 19900808; JP 2617305 B2 19970604; JP S62218370 A 19870925; US 4768728 A 19880906

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