

Title (en)

Device for controlling the tension of a web.

Title (de)

Einrichtung zum Steuern der Spannung in einer Bahn.

Title (fr)

Dispositif pour régulariser la tension d'une bande.

Publication

EP 0178704 A1 19860423 (DE)

Application

EP 85201490 A 19850918

Priority

DE 3437815 A 19841016

Abstract (en)

1. Apparatus for controlling the tension in a web (4, 67) of paper, foil, fabric, textiles, plastics, metal or such like with a braking device (1, 26, 27, 17, 21, 28, 29, 52, 53), which acts on a turning spool (3, 51) and contains two actuating devices (8, 13, 16 ; 32, 33, 39 ; 73, 74, 61 ; 75, 76, 87), and a compensation roller (7, 70) acting on the braking device with the said of a cam disk (16, 73) or such like, characterized in that the compensation roller (7, 70) is connected both to the first (8, 13, 16 ; 61, 73, 74) and the second actuating device (32, 33, 39 ; 62, 75, 76, 87) for the braking device (1, 26, 27, 17, 21, 28, 29, 52, 53, 54) in such a way that it acts upon them, and is further connected additionally to a multipoint regulator (39, 75, 76), in that the second actuating device (32, 33, 39 ; 62, 75, 76, 87) for the braking device (1, 26, 27, 17, 21, 28, 29, 52, 53, 54) is connected to the compensation roller (7, 70) in such a way as to act upon the latter, a multipoint regulator (39, 75, 76) being interlineated and changing the effective range of the second actuating device (32, 33 39 ; 62, 75, 76, 87) and in that additionally the effective range of the first actuating device (8, 13, 16 ; 61, 73, 74) is at least as great as the degree by which the compensation roller (7, 70) can move without the multipoint regulator (39, 75, 76) responding.

Abstract (de)

Zum Aufrechterhalten der Spannung in einer Bahn (4;67) steht die Tänzerwalze (7;70) mit zwei Betätigungseinrichtungen (16,33;61,62) für mindestens eine Bremse in Verbindung, von denen die eine einen Mehrpunktregler (39;75) enthält.

IPC 1-7

B65H 23/08; **B65H 26/04**

IPC 8 full level

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CPC (source: EP)

B65H 23/063 (2013.01); **B65H 2403/7253** (2013.01)

Citation (search report)

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- DD 149497 C

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