

Title (en)
DEVICE FOR COMPENSATING THE YARN TENSION IN A BOBBIN CREEL

Publication
EP 0319477 B1 19920610 (DE)

Application
EP 88810809 A 19881125

Priority
CH 472987 A 19871203

Abstract (en)
[origin: EP0319477A1] The control device for compensating the tension on the yarns (5) comprises a gear with a control rod (23), on which push-rods (21) engage with a separation, which rods are in work connection with the yarn brakes (8) or with groups of yarn brakes. The control rod (23) is moreover connected to at least two drive elements (24) which are individually drivable for changing the relative position of the control rod (23). The control rod (23) is preferably designed flexibly or articulatedly in such a manner that an irregular deflection is possible. This makes possible a non-linear reduction of the braking force between the first bobbin row (16) and the last bobbin row (17) of the bobbin creel (3). <IMAGE>

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B65H 59/22; D02H 13/24

IPC 8 full level
B65H 59/22 (2006.01)

CPC (source: EP)
B65H 59/225 (2013.01); **B65H 2701/31** (2013.01)

Citation (examination)
US 3731889 A 19730508 - ALEXEFF A

Cited by
EP0806504A1; EP1156143A1; CN103088504A; CN108249220A; EP4045704A4; EP1162295A1; EP0734990A3; US5871163A; WO9742364A1; US6511011B2; US6513748B2

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