

Title (en)
METHOD AND DEVICE FOR FEEDING A CABLE

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Application
EP 87850387 A 19871214

Priority
SE 8605494 A 19861219

Abstract (en)
[origin: EP0275852A1] A method and a device for controlling the tension in a cable, band, line or the like (4) when storing it in a plurality of loops over a first, substantially stationary set of wheels (9) and a second movable set of wheels (10) during continuous running of the cable or the like and exchange of drums in the unwind stand (2) or the take-up stand (3), the second set of wheels (10) being movable along a beam system (8) by means of a drive unit (12). The novelty of the invention resides in that at least one of the wheels of the first set of wheels (9) is displaceable towards or away from the second set of wheels (10) under the influence of a change in the balance between the tension in the cable or the like and a constant pressure produced by an operating mechanism (13) connected to the displaceable wheel or wheels of the first set of wheels, said constant pressure being directed away from the second set of wheels (10), and in that a sensor (23) sensing the displacement of said displaceable wheel or wheels is arranged to supply a correcting signal corresponding to the displacement, to the drive unit (12) for controlling the tension in the cable or the like (4) by moving the second set of wheels (10) towards or away from the first set wheels (9), and/or a correcting signal to the unwind stand (2) or the take-up stand (3) for controlling the tension in the cable or the like (4) by correcting the speed of rotation of the unwind stand or the take-up stand.

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Cited by
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