

Title (en)
DRIVING DEVICE FOR FEEDING MATERIAL TO BE SEWN IN A SEWING MACHINE

Title (de)
ANTRIEBSVORRICHTUNG FÜR DEN NÄHGUTVORSCHUB EINER NÄHMASCHINE

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT POUR FAIRE AVANCER UN ARTICLE À COUDRE SUR UNE MACHINE À COUDRE

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Application
EP 97942697 A 19971006

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• AT 176096 A 19961004

Abstract (en)
[origin: WO9815678A1] The invention relates to a driving device for feeding material to be sewn in a sewing machine (1). Said device has a feeder (7) that can be coupled to a continuous rotating drive unit (9) by at least one intermediate drive. In order to obtain optimal, comparatively simple driving conditions, the intermediate drive comprises a belt drive (10) with a belt (13) rotating around a driving wheel (11) and a driven gear (12). The oversized belt (13) is moved by a control roller (14) in the area of the working strand (131) and by a belt tensioning roller (15) in the area of the return strand (132). The control roller (14) and the belt tensioning roller (15) are mounted crosswise to the rotational direction of the belt and can be moved back and forth periodically for the purpose of releasing or deflecting the belt (13) so as to decelerate, stop or accelerate the rotation of the driven wheel. The driven wheel (12) is connected rotationally with a feeder (7) designed as a rotating conveyor, specially a conveyor belt (20).

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