

Title (en)
THREAD FEEDING APPARATUS FOR AN EMBROIDERING MACHINE

Title (de)
FADENZUFÜHRVORRICHTUNG FÜR EINE STICKMASCHINE

Title (fr)
DISPOSITIF D'ALIMENTATION EN FIL POUR MACHINE A BRODER

Publication
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Application
EP 05823682 A 20051109

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Abstract (en)
[origin: WO2006052084A1] The present invention relates to a thread feeding apparatus for an embroidering machine, comprising a thread tension adjuster including a thread tension adjusting body and a thread winding unit; a thread take- up unit including a thread retainer and oscillating to tense and release the upper thread; a thread take-out unit including a thread take-out lever and retaining the upper thread; a driver driving the thread winding unit to rotate and the thread take-out lever to reciprocate; a rotating motion transformer rotating the thread winding unit to wind the upper thread on the thread tension adjusting body; and a straight line motion transformer and moving the thread take -out lever to retain the upper thread on the thread retainer. Thus, a single driver is used for winding an upper thread and retaining the upper thread, thereby enhancing productivity. Further, the number of components is reduced.

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