

Title (en)

WORK FEEDING DEVICE AND METHOD FOR A SEWING MACHINE

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Application

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Priority

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Abstract (en)

[origin: US4567838A] The lifting device (19) of the presser foot (21) of a sewing machine is operable through the use of an operating axle (18) and a toggle lever (20). The operating axle (18) is connected to a slide (15) capable of engaging and disengaging a coupling mechanism (10). The coupling mechanism (10) is arranged between the lifting device (6) of the feed dog (3) and the oscillating drive means (7) of the lifting device. During the lifting of the presser foot (21) by means of the toggle lever (20), the coupling pin (12) of the coupling mechanism (10) is simultaneously placed out of engagement with the driven oscillating lever (8) by means of the slide (15). Thus the drive of the lifting device (6) is interrupted, and a spring (13) pulls the feed dog (3) into its lowered position. Thus the manipulation of the sewing material is made possible without the feed dog presenting an obstacle.

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