

Title (en)

DEVICE FOR THE INTERMITTENT INTERRUPTION OF THE NEEDLE MOTION ON EMBROIDERY OR SEWING MACHINES

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0069818A1] 1. Arrangement for the temporary interruption of the motion of the embroidery needle on automatically controlled embroidery or sewing machines with at least one needle shaft able to be driven from a driving shaft by means of a connecting rod and a crank, on which needle shaft a driving arrangement is fixed which can be linked with a driving carriage connected with the connecting rod in articulated manner by means of a pawl mechanism constructed as a two-arm lever, one arm cooperating with a notch provided on the driving carriage, and the other arm cooperating with a latch controllable by an actuating element, by means of which latch the needle shaft can be secured in an upper dead centre position with the simultaneous separation from the driving carriage, characterised in that the latch (12, 12') is positively held against the forces of the pawl mechanism (10) and can be moved out of the plane of motion of the pawl mechanism (10), in such a manner that the actuating element (14) is not impinged upon by the forces exerted by the pawl mechanism on the latch (12, 12').

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