

Title (en)

EMBROIDERY MACHINE HAVING AT LEAST ONE LOCKSTITCH ROTATING HOOK

Title (de)

STICKMASCHINE MIT ZUMINDEST EINEM DOPPELSTEPPOSTICH-UMLAUFGREIFER

Title (fr)

MACHINE À BRODER COMPRENANT AU MOINS UNE NAVETTE ROTATIVE POUR DOUBLE POINT NOUÉ

Publication

EP 2948581 A1 20151202 (DE)

Application

EP 14707642 A 20140128

Priority

- DE 102013001346 A 20130128
- EP 2014000216 W 20140128

Abstract (en)

[origin: WO2014114468A1] For an embroidery machine having at least one embroidery head, which is provided with stitch-formation tools for the stitch formation of an embroidery seam, wherein the stitch-formation tools comprise a needle for guiding an upper thread and a hook that interacts with the needle in order to form embroidery seams, which hook is provided with a receptacle for arranging a supply of lower thread and rotates about the axis of rotation of the hook more than twice during a stitch-formation cycle, and movement means for performing advancing relative movements between the needle and an embroidery workpiece, longer replacement intervals for the lower-thread bobbin accommodating the supply of the lower thread should be possible. In order to enable this, means of the embroidery machine for adjustably varying at least one parameter of the stitch-formation process are specified, which means result in different values of the parameter at least during one stitch-formation period, preferably during a plurality of stitch-formation periods, of the embroidery seam in order to produce a non-coinciding arrangement of the upper thread and lower thread on the embroidery workpiece with respect to the position and length of the lower thread and upper thread of a stitch of the embroidery seam on the top side and bottom side of the embroidery workpiece.

IPC 8 full level

D05B 19/12 (2006.01); **D05C 11/08** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2014114468A1

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