Title (en)
SEWING MACHINE THREAD NIPPING AND CUTTING DEVICE

Publication
EP 0084658 B1 19850220 (DE)

Application
EP 82111828 A 19821220

Priority
- CH 30582 A 19820119
- CH 408382 A 19820705

Abstract (en)
[origin: ES8401545A1] A thread gripper and cutting device for a sewing machine is inserted in a cover plate (1) forming the working surface (A) of the sewing machine. Thus the thread gripper and cutting device is inserted in one of the corner points of the diagonal of an imagining square (y), with the point of needle penetration (x) lying in the other corner point thereof. A first clamping disk (8) is integrally joined via a marginal web (4c) with the shank portion (4a) of a retaining bush (4). The clamping disk (8), which is rounded on all sides, projects only a little beyond the working surface (A) and is slightly inclined with respect to the latter. The corresponding end face (12) of a second clamping disk (11) is urged, by means of a spring (14), against the inner face (9) of the clamping disk (8). This second clamping disk is seated on a pin (13) guided in the shank portion (4a). The lead-in slot (15) for the threads (F) lies at the highest point of the clamping plane formed by the clamping surfaces (9, 12). The line of slope of this clamping plane is located approximately at a right angle to the aforementioned diagonal (x-b). The edge of the marginal web (4c) most removed from the penetration point (x) and lying on an outer surface line of the retaining bush (4) is formed directly below the first clamping disk (8) as a cutting blade (10). The marginal web (4c) is crescent-shaped in cross section.

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D05B 65/00

IPC 8 full level
D05B 65/00 (2006.01)

CPC (source: EP US)
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Cited by
CN110359138A; US5722335A; US5411359A; CH667474A5

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EP 0084658 A1 19830803; **EP 0084658 B1 19850220**; AU 1056883 A 19830728; AU 553786 B2 19860724; DE 3262465 D1 19850328; ES 519110 A0 19831216; ES 8401545 A1 19831216; US 4465006 A 19840814

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EP 82111828 A 19821220; AU 1056883 A 19830118; DE 3262465 T 19821220; ES 519110 A 19830119; US 45462082 A 19821230