

Title (en)
THREAD CONTROL IN A SEWING MACHINE

Publication
EP 0225278 A3 19891018 (DE)

Application
EP 86810461 A 19861017

Priority
CH 519385 A 19851206

Abstract (en)
[origin: US4724782A] The takeup limb of each needle thread loop in a central bobbin hook type sewing machine is engaged by a kidney-shaped cam on the shuttle hook driver and by a projection on the housing for the hook while the takeup lever of the machine reduces the size of the loop. This ensures that the takeup limb is held and the loop is guided substantially during the entire interval of reduction of the size of the loop. The cam has a lobe with a groove for the takeup limb, and the projection of the housing engages the loop prior, during and subsequent to withdrawal of the takeup limb from the groove of the lobe.

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D05B 57/14

IPC 8 full level
D05B 61/00 (2006.01); **D05B 57/14** (2006.01); **D05B 63/00** (2006.01)

CPC (source: EP KR US)
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Citation (search report)

- [A] DE 169217 C
- [A] DE 36377 C
- [A] DE 39176 C
- [A] DE 573254 C 19330329 - SEIDEL & NAUMANN AG
- [A] US 3439639 A 19690422 - PATRICK WILLIAM E, et al
- [A] FR 783325 A 19350711 - NAHMASCHINENFABRIK KARLSRUHE A

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EP 0225278 A2 19870610; EP 0225278 A3 19891018; EP 0225278 B1 19920129; AU 581549 B2 19890223; AU 6560286 A 19870611; CH 668092 A5 19881130; CN 1009565 B 19900912; CN 86108123 A 19870610; DE 3683736 D1 19920312; JP H0632738 B2 19940502; JP S62133993 A 19870617; KR 870006264 A 19870710; KR 910004211 B1 19910624; US 4724782 A 19880216; ZA 868276 B 19870624

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