

Title (en)
Thread drawing knife for a sewing machine

Title (de)
Fadenziehmesser für eine Nähmaschine

Title (fr)
Couteau tireur de fil pour une machine à coudre

Publication
EP 1847641 B1 20100210 (DE)

Application
EP 07007046 A 20070404

Priority
• DE 102006019193 A 20060421
• DE 202006009410 U 20060616

Abstract (en)
[origin: EP1847641A1] The second rotation stop (38) is fastened to the thread-pulling blade (29). A positioning restraint (41) secures the thread-pulling blade in the normal position when the shuttle (19) turns in the opposite direction. In this position the second rotation stop (38) works with the second spool casing stop (40). The second stop is molded-on integrally with the thread-pulling blade. A projection (39) opposite the second stop on the thread-pulling blade, transitions smoothly into the blade body. A deflection mechanism operates with the thread pulling blade drive (49), this causes displacement of the blade from its normal position, into a thread-gripping position, by moving the positioning restraint into a release position. Further mechanical details of the mechanism are provided. The thread pulling blade drive includes an electromagnet.

IPC 8 full level
D05B 65/00 (2006.01); **D05B 57/14** (2006.01)

CPC (source: EP KR)
D05B 57/06 (2013.01 - KR); **D05B 57/30** (2013.01 - KR); **D05B 57/34** (2013.01 - KR); **D05B 65/00** (2013.01 - EP); **D05B 57/143** (2013.01 - EP)

Cited by
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