

Title (en)
Double lockstitch sewing machine

Title (de)
Doppelsteppstichnähmaschine

Title (fr)
Machine à coudre à double point noué

Publication
EP 1847642 B1 20110928 (DE)

Application
EP 07007047 A 20070404

Priority
DE 102006019193 A 20060421

Abstract (en)
[origin: EP1847642A1] 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 57/26** (2006.01)

CPC (source: EP KR)
D05B 57/06 (2013.01 - KR); **D05B 57/14** (2013.01 - KR); **D05B 57/265** (2013.01 - EP); **D05B 65/00** (2013.01 - EP)

Cited by
EP3176296A1; EP2063010A1; WO2009066173A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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