

Title (en)

Double needle sewing machine for forming an angled stitching in fabric

Title (de)

Doppelnadelnähmaschine zum Formen einer eckigen Naht an einem Stoff

Title (fr)

Machine à coudre à deux aiguilles pour former une couture d'angle dans une étoffe

Publication

**EP 1367168 A1 20031203 (EN)**

Application

**EP 03009182 A 20030422**

Priority

JP 2002138586 A 20020514

Abstract (en)

In a double needle sewing machine for forming an angled stitching in fabric, when turning a fabric clockwise, an air blower is operated from first several stitches immediately before turning to second several stitches immediately after turning, and a thread loop at right needle side is moved away from the trajectory of a looper. In this sewing machine, when turning the fabric counterclockwise, a thread loop at left needle side captured by the looper is slid to the looper base end side at the timing of said first several stitches by hook, while the thread loop is captured by the right needle, and the air blower is operated continuously for said second several stitches, and the thread loop at left needle side is moved away from the trajectory of the looper. As a result, whether the fabric is turned clockwise or counterclockwise, passing thread is not formed, and the appearance of sewn product is improved. <IMAGE>

IPC 1-7

**D05B 61/00**

IPC 8 full level

**D05B 1/10** (2006.01); **D05B 61/00** (2006.01); **D05B 63/00** (2006.01)

CPC (source: EP)

**D05B 61/00** (2013.01); **D05D 2207/04** (2013.01)

Citation (search report)

- [A] EP 0512145 A1 19921111 - DUERKOPP ADLER AG [DE]
- [A] EP 0019048 A1 19801126 - DUERKOPFWERKE [DE]
- [DA] JP S63186688 A 19880802 - PEGASUS SEWING MACHINE MFG CO
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01 31 January 2000 (2000-01-31)

Designated contracting state (EPC)

AT CH LI

DOCDB simple family (publication)

**EP 1367168 A1 20031203**; **EP 1367168 B1 20050817**; AT E302299 T1 20050915; CN 100480453 C 20090422; CN 1458313 A 20031126; JP 2003326004 A 20031118; JP 3845335 B2 20061115; TW 576442 U 20040211

DOCDB simple family (application)

**EP 03009182 A 20030422**; AT 03009182 T 20030422; CN 03130741 A 20030513; JP 2002138586 A 20020514; TW 92205803 U 20030414