

Title (en)
SEWING MACHINE

Title (de)
NÄHMASCHINE

Title (fr)
MACHINE A COUDRE

Publication
EP 1576224 B1 20060920 (DE)

Application
EP 03785896 A 20031219

Priority

- DE 10261339 A 20021228
- EP 0314626 W 20031219

Abstract (en)
[origin: DE10261339C1] The sewing machine has a looper (8) which is powered to rotate around a vertical axis, incorporating a bobbin capsule (21) with lifter cams (31). A capsule lifter (33) has a lifter lever (32) to make contact with the cams, and a feeler lever (40). The feeler lever lies against a cam disk surface (42) of an axial cam disk (39), fitted to a transmission shaft with its power taken from the looper drive shaft (10). The feeler lever has an adjustable position along the lifter shaft (34).

IPC 8 full level
D05B 57/26 (2006.01); **D05B 57/14** (2006.01)

CPC (source: EP KR US)
D05B 57/143 (2013.01 - EP US); **D05B 57/26** (2013.01 - KR); **D05B 57/265** (2013.01 - EP US)

Cited by
DE102007050244A1; DE102007050243A1; DE102007050245A1; EP2050851A1; EP2050852A1; EP2050853A1

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CN 100543214 C 20090923; CN 1692194 A 20051102; DE 10261339 C1 20031113; DE 50305144 D1 20061102; EP 1576224 A1 20050921;
EP 1576224 B1 20060920; JP 2006512121 A 20060413; JP 4395445 B2 20100106; KR 101086999 B1 20111129; KR 20050086367 A 20050830;
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