

Title (en)

Locking device for lower thread bobbin

Title (de)

Verriegelungsvorrichtung für eine Unterfadenspule

Title (fr)

Dispositif de verrouillage pour une bobine de fil de canette

Publication

**EP 1541736 B1 20080521 (DE)**

Application

**EP 04405582 A 20040916**

Priority

CH 21052003 A 20031210

Abstract (en)

[origin: EP1541736A2] A household sewing machine has bobbin located on a spindle within a surrounding capsule. The bobbin core engages with and locks on the spindle with a side spring-operated discrete locking element that is inclined with respect to the bobbin axis (X) of rotation. As soon as the bobbin is placed on the spindle, the locking element tilts and engages to the spindle core (9). The locking element is located fixed within the spindle core central void and engages with the capsule core spindle.

IPC 8 full level

**D05B 57/26** (2006.01)

CPC (source: EP US)

**D05B 57/26** (2013.01 - EP US)

Cited by

EP2463430A1; EP2221410A1; ITVI20100069A1; CN104278437A; EP2103725A1; KR101534860B1; EP2138623A1; CH700442A1; US8622009B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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**EP 04405582 A 20040916**; AT 04405582 T 20040916; DE 502004007215 T 20040916; US 96873804 A 20041019