

Title (en)

Bobbin case for use with full rotary hook in industrial sewing machine

Title (de)

Spulenkapsel zur Verwendung mit einem Umlaufgreifer für eine industrielle Nähmaschine

Title (fr)

Boîtier à canette à utiliser avec un boucleur rotatif dans une machine à coudre industrielle

Publication

**EP 1876279 B1 20170308 (EN)**

Application

**EP 07013024 A 20070703**

Priority

JP 2006184532 A 20060704

Abstract (en)

[origin: EP1876279A1] A bobbin case (4) is detachably attachable to a full rotary hook (1) forming stitches in cooperation with a sewing needle (6) of a sewing machine and houses a lower thread bobbin on which a lower thread (DT) is wound. The bobbin case (4) has an outer peripheral wall formed with a lower thread exit (19) through which the lower thread (DT) is introduced outwards and a thread tension spring (18) imparting a tension to the lower thread (DT) which has come out of the lower thread exit (19). The bobbin case (4) has a front with a lower thread guide (20) mounted at a location spaced away from the front of the bobbin case (4) and an imaginary line extended from a trajectory of vertical movement of the sewing needle (6) . The lower thread guide (20) guides the lower thread (DT) extending out of the lower thread exit (19).

IPC 8 full level

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