

Title (en)  
SEWING MACHINE COMPRISING AN UNIT FOR CHANGING THE BOBBIN CASING

Title (de)  
NÄHMASCHINE MIT EINER SPULENKAPSELWECHSELEINRICHTUNG

Title (fr)  
MACHINE À COUDRE COMPRENANT UNE UNITÉ DE CHANGEMENT DU BOITIER DE BOBINE

Publication  
**EP 3449052 B1 20200715 (DE)**

Application  
**EP 17730055 A 20170430**

Priority  
• DE 102016005166 A 20160430  
• EP 2017000536 W 20170430

Abstract (en)  
[origin: WO2017186353A1] The invention relates to a sewing machine for stitching back stitches, provided with a needle bar for receiving a needle guiding an upper thread, and comprising a rotary shuttle (5) in which a bobbin case (4) comprising a bobbin guiding a lower thread can be accommodated, said sewing machine also comprises a bobbin case changing device (8) enabling a bobbin case (4) to be removed from a housing (9) and to be introduced into the rotary shuttle (5). The aim of the invention is to improve the functional reliability of said type of sewing machine with a bobbin case changing device, such that the bobbin case changing device (8) is secured to an upper part of the machine frame (2) of the sewing machine.

IPC 8 full level  
**D05B 59/04** (2006.01); **D05C 11/16** (2006.01)

CPC (source: EP)  
**D05B 59/04** (2013.01); **D05C 11/16** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017186353 A1 20171102**; CN 109563664 A 20190402; CN 109563664 B 20230228; DE 102016005166 A1 20171102;  
EP 3449052 A1 20190306; EP 3449052 B1 20200715; JP 2019515743 A 20190613

DOCDB simple family (application)  
**EP 2017000536 W 20170430**; CN 201780032380 A 20170430; DE 102016005166 A 20160430; EP 17730055 A 20170430;  
JP 2018556798 A 20170430