

Title (en)

BOBBIN THREAD INTRODUCTION DEVICE AND SEWING MACHINE THEREOF

Title (de)

SPULENFADENEINFÜHRVORRICHTUNG UND NÄHMASCHINE DAFÜR

Title (fr)

DISPOSITIF D'INTRODUCTION D'UN FIL DE BOBINE ET MACHINE À COUDRE CORRESPONDANTE

Publication

EP 3763865 B1 20220406 (EN)

Application

EP 19219697 A 20191224

Priority

TW 108124315 A 20190710

Abstract (en)

[origin: EP3763865A1] The bobbin thread introduction device of the present invention is mounted in the sewing machine and comprises: two motion modules, a clamp module and two moving modules. One of motion modules is provided with a blade, and can drive the bobbin to wind the bobbin thread. The clamp module at the clamping position can clamp bobbin thread, and can move back and forth on two different paths through two moving modules, so that the clamp module holds the bobbin thread to touch the blade. Wherein, the other motion module rotates when the bobbin thread contacts the bobbin case, which makes the rotating bobbin case guides the bobbin thread into the thread guiding slot of the bobbin case. By doing so, the two motion modules, the clamp module and the two moving modules can not only jointly wind the bobbin thread around the bobbin, but also introduce the bobbin thread.

IPC 8 full level

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CPC (source: EP KR)

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