

Title (en)

SEWING MACHINE THREAD-CUTTING DEVICE

Title (de)

FADENSCHNEIDEVORRICHTUNG FÜR EINE NÄHMASCHINE

Title (fr)

DISPOSITIF DE COUPE DE FIL DE MACHINE A COUDRE

Publication

EP 2508664 A1 20121010 (EN)

Application

EP 11747212 A 20110215

Priority

- JP 2010036912 A 20100223
- JP 2011053105 W 20110215

Abstract (en)

The present invention provides a thread cutting device for a sewing machine that reliably hooks and catches a thread and guides it to a fixed blade. Furthermore, the present invention provides a thread cutting device for a sewing machine whose maintenance such as a replacement of a fixed blade can be carried out easily. The thread cutting device comprises a thread catcher that has a hook portion for hooking a thread and reciprocates linearly under a needle plate to hook and catch the thread on the hook portion in the periphery of an inner hook 21 of a horizontal hook and a fixed blade that cuts the thread caught by the thread catcher. The horizontal hook has a hood 24, under which the thread catcher can reciprocate, in a part of the upper portion of a side wall portion forming a bobbin compartment that accommodates a bobbin of the inner hook 21, and a guiding member 26 that guides the thread to the area located under the hood 24 where the thread catcher 14 reciprocates is provided on the upper surface of the hood 24.

IPC 8 full level

D05B 65/02 (2006.01)

CPC (source: EP)

D05B 65/02 (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)

EP 2508664 A1 20121010; EP 2508664 A4 20140305; EP 2508664 B1 20150401; JP 5342692 B2 20131113; JP WO2011105248 A1 20130620; WO 2011105248 A1 20110901

DOCDB simple family (application)

EP 11747212 A 20110215; JP 2011053105 W 20110215; JP 2012501744 A 20110215