

Title (en)

Method for cutting the lower thread and at least one upper thread and method for beginning sewing and a device for performing the method

Title (de)

Verfahren zum Schneiden des Unter- und mindestens eines Oberfadens und ein Verfahren zum Ansticken sowie einer Vorrichtung zur Durchführung der Verfahren

Title (fr)

Procédé de coupe du fil inférieur et d'au moins un fil supérieur et procédé de départ de couture ainsi que dispositif d'exécution du procédé

Publication

EP 2508665 A3 20141217 (DE)

Application

EP 12405005 A 20120109

Priority

CH 3392011 A 20110228

Abstract (en)

[origin: EP2508665A2] The method involves moving a lower thread between a thread outlet opening at a bobbin case and a stitching hole by control edges (17a, 17b). The lower thread is guided into a thread storage of thread catchers (19a-19c). An upper thread is gripped by a hook point, and a needle thread and a material thread are splayed. The lower thread guided into the storage and the upper thread gripped by the hook point are pulled out, and the thread catcher is moved to an initial position, and a detachable end of the upper thread is pulled out from a thread cutting unit by a thread lever. Independent claims are also included for the following: (1) a method for sewing or stitching of upper and lower threads (2) a device for executing a method for cutting upper and lower threads.

IPC 8 full level

D05B 65/02 (2006.01); **D05B 65/06** (2006.01)

CPC (source: EP US)

D05B 65/02 (2013.01 - EP US); **D05B 65/06** (2013.01 - EP US)

Citation (search report)

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- [A] DE 10357563 A1 20040722 - JUKI KK [JP]
- [A] DE 1968920 U 19670921 - PFAFF AG G M [DE]
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Cited by

CN105463717A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

CH 704524 A1 20120831; EP 2508665 A2 20121010; EP 2508665 A3 20141217; EP 2508665 B1 20180314; US 2013055940 A1 20130307; US 8640639 B2 20140204

DOCDB simple family (application)

CH 3392011 A 20110228; EP 12405005 A 20120109; US 201213406855 A 20120228