

Title (en)

DEVICE IN SEWING OR EMBROIDERY MACHINES FOR CHANGING THE SPOOL FOR THE LOOPER THREAD

Title (de)

EINRICHTUNG AN NÄH- ODER STICKMASCHINEN ZUM WECHSELN DER SPULE FÜR DEN GREIFERFADEN

Title (fr)

DISPOSITIF DE CHANGEMENT DE CANETTE POUR LE FIL DE DESSOUS SUR DES MACHINES A BRODER OU A COUDRE

Publication

EP 1751339 A1 20070214 (DE)

Application

EP 05730995 A 20050219

Priority

- EP 2005001754 W 20050219
- DE 102004018935 A 20040416

Abstract (en)

[origin: WO2005108666A1] The invention relates to a device for double-thread lockstitch sewing or knitting machines, for exchanging the spool capsule housing the spool, housed in a sub-capsule in the shuttle and locked thereto by means of a locking element on a pin on the sub-capsule operated by a spool capsule lid, whereby, in order to open the spool capsule lid (12), an opening finger (25), displaceable between the above and the front face on the spool capsule (4) and a catcher device (50) are provided, comprising clamp jaws (38,42) engaging with the longitudinal edge surfaces (41,51) of the opened spool capsule lid (12), which together with the opening finger (25) may be displaced along a track, running parallel to the axis of the shuttle (2).

IPC 8 full level

D05B 59/04 (2006.01)

CPC (source: EP)

D05B 59/04 (2013.01)

Citation (search report)

See references of WO 2005108666A1

Cited by

DE102015106886B3; DE102019116511A1; EP3754085A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005108666 A1 20051117; AT E390503 T1 20080415; CN 1942620 A 20070404; CN 1942620 B 20120321; DE 102004018935 A1 20051110; DE 102004018935 B4 20080103; DE 502005003474 D1 20080508; EP 1751339 A1 20070214; EP 1751339 B1 20080326

DOCDB simple family (application)

EP 2005001754 W 20050219; AT 05730995 T 20050219; CN 200580011462 A 20050219; DE 102004018935 A 20040416; DE 502005003474 T 20050219; EP 05730995 A 20050219