

Title (en)

Sewing machine with function switch

Title (de)

Nähmaschine mit einem Funktions-Schalter

Title (fr)

Machine à coudre avec commutateur de fonction

Publication

**EP 1602763 B1 20080611 (DE)**

Application

**EP 05002017 A 20050201**

Priority

- DE 102004057332 A 20041127
- DE 102004006149 A 20040207

Abstract (en)

[origin: EP1602763A2] A sewing machine has a series of switches (12) linked (61) to a central controller (62) that can activate various functions that may be required during the sewing cycle. Each switch is associated with a selector plug, which, if locked in an active position, allows the switch to be activated by a lever (57) that extends into the normal work area (A) near the needle (9). The switch assembly is mounted on the arm (4) of the sewing machine. Each of the switches and plugs can be connected electrically in series by a switch on the activating lever (57). The position of the selector plugs is visible from the outside. As an alternative the plugs can be replaced by grub screws with the direction of the screwdriver slot indicating their position.

IPC 8 full level

**D05B 69/30** (2006.01); **D05B 69/00** (2006.01)

CPC (source: EP KR)

**D05B 69/30** (2013.01 - EP); **F26B 3/347** (2013.01 - KR); **D05D 2205/08** (2013.01 - EP); **F26B 2200/04** (2013.01 - KR)

Cited by

WO2008135264A1

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)

**EP 1602763 A2 20051207**; **EP 1602763 A3 20070124**; **EP 1602763 B1 20080611**; CN 1651629 A 20050810; CN 1651629 B 20111012; DE 502005004375 D1 20080724; JP 2005218871 A 20050818; KR 20060041797 A 20060512

DOCDB simple family (application)

**EP 05002017 A 20050201**; CN 200510007285 A 20050206; DE 502005004375 T 20050201; JP 2005030378 A 20050207; KR 20050011132 A 20050207