

Title (en)
SEWING MACHINE AND CONTROL METHOD OF SEWING MACHINE

Title (de)
NÄHMASCHINE UND STEUERUNGSVERFAHREN EINER NÄHMASCHINE

Title (fr)
MACHINE À COUDRE ET PROCÉDÉ DE COMMANDE DE CELLE-CI

Publication
EP 3165661 B1 20180516 (EN)

Application
EP 16190924 A 20160927

Priority
JP 2015214883 A 20151030

Abstract (en)
[origin: EP3165661A1] When a power source switch of a sewing machine (1) is turned on, a CPU (41) of the sewing machine displays a home screen on a display (11). When the CPU receives an operation of a setting key (10A), the CPU shifts to an adjustment mode. The CPU saves a movement trajectory and a feed pitch set by a user in a temporary storage area of a RAM (43). The CPU sets the movement trajectory to a standard trajectory, and sets the feed pitch to a standard pitch. When the user manually rotates a pulley, a feed base (33) moves at the standard pitch along the standard trajectory. In the adjustment mode, the CPU disables an operation of a pedal (22) and does not drive a main motor. When the CPU receives an operation of a return key or a home key, the CPU shifts to a normal mode.

IPC 8 full level
D05B 19/16 (2006.01); **D05B 27/02** (2006.01)

CPC (source: CN EP)
D05B 19/06 (2013.01 - CN); **D05B 19/16** (2013.01 - CN EP); **D05B 27/02** (2013.01 - EP); **D05B 69/22** (2013.01 - EP);
D05D 2205/18 (2013.01 - CN)

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 3165661 A1 20170510; **EP 3165661 B1 20180516**; CN 106917194 A 20170704; CN 106917194 B 20190823; JP 2017080314 A 20170518;
JP 6601163 B2 20191106

DOCDB simple family (application)
EP 16190924 A 20160927; CN 201610947311 A 20161026; JP 2015214883 A 20151030