

Title (en)

Actuation device for operating a sewing machine

Title (de)

Betätigungsvorrichtung zur Bedienung einer Nähmaschine

Title (fr)

Dispositif d'actionnement d'une machine à coudre

Publication

EP 2145991 B1 20120314 (DE)

Application

EP 09008425 A 20090627

Priority

DE 102008033144 A 20080715

Abstract (en)

[origin: EP2145991A1] The pedal device (8) has a pretensioning unit, an actuating unit e.g. foot pedal (13), with a pedal pretensioning body (20), and lower and upper pretensioning springs (23, 24) e.g. compression springs, for pretensioning a relative movement of the pretensioning body to a housing body (21) based on a movement of the actuating element. An adjusting sleeve (29) is provided for setting a pretensioning force of one of the pretensioning springs. The pretensioning body has a guiding rod (26), which is linearly guided into a retainer of the housing body.

IPC 8 full level

D05B 69/02 (2006.01); **D05B 69/06** (2006.01)

CPC (source: EP KR)

D05B 69/00 (2013.01 - KR); **D05B 69/02** (2013.01 - EP); **D05B 69/06** (2013.01 - EP KR); **D05D 2205/02** (2013.01 - EP)

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2145991 A1 20100120; **EP 2145991 B1 20120314**; AT E549444 T1 20120315; CN 101629363 A 20100120; CN 101629363 B 20130717; DE 102008033144 A1 20100121; JP 2010022819 A 20100204; JP 3187605 U 20131205; KR 20100008350 A 20100125; KR 20150002421 U 20150622

DOCDB simple family (application)

EP 09008425 A 20090627; AT 09008425 T 20090627; CN 200910140014 A 20090714; DE 102008033144 A 20080715; JP 2009157821 A 20090702; JP 2013005513 U 20130925; KR 20090064095 A 20090714; KR 20150003223 U 20150520