

Title (en)

Sewing machine with a belt loop slackening apparatus

Title (de)

Nähmaschine mit einer Vorrichtung zum Nachlassen einer Gurtschnalle

Title (fr)

Machine à coudre avec un dispositif de relâchement d'une boucle de ceinture

Publication

EP 2107146 B1 20120502 (EN)

Application

EP 09156725 A 20090330

Priority

JP 2008091935 A 20080331

Abstract (en)

[origin: EP2107146A1] A belt loop slackening apparatus 1 includes: a moving member 11 disposed laterally of a main body of a sewing machine and movable reciprocatingly along a transporting direction of a member to be sewn in a sewing operation of the sewing machine; a drive cylinder 20 supported on the moving member such that the drive cylinder can be expanded and contacted; a slackening member 18 having one end supported on the drive cylinder, and the other end being movable forward and backward internally of the member to be sewn; a loop slackening motor 6 connected to the moving member and capable of moving the slackening member along the transporting direction; input set means 35 for inputting a set value of a slackening amount of the member to be sewn; and drive control means 36 for controlling the loop slackening motor in such a manner that, when sewing the member to be sewn to a body cloth, in order to slacken the member to be sewn by a given amount, the slackening member can be moved to a folded position of the slackening member according to the set value.

IPC 8 full level

D05B 35/06 (2006.01)

CPC (source: EP)

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Cited by

ITVR20120241A1; EP2740825A1; TWI849113B

Designated contracting state (EPC)

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