

Title (en)

DEVICE AND PROCESS OF CONTROL OF THE LENGHT OF NEEDLEFUL IN SEWING MACHINES WITH RUNNING STITCH

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DER LÄNGE EINER NADELANORDNUNG IN NÄHMASCHINEN MIT VORSTICH

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMANDE DE LA LONGUEUR D'UN ENSEMBLE D'AIGUILLES DANS DES MACHINES À COUDRE À POINT AVANT

Publication

EP 3449050 A1 20190306 (EN)

Application

EP 17733049 A 20170420

Priority

- IT UA20162958 A 20160428
- IT 2017000080 W 20170420

Abstract (en)

[origin: WO2017187465A1] A device of control of the length of needleful in sewing machines (1) with running stitch comprising a series of sensors and/or detecting elements (7), which are placed at a path portion that follows the thread (4) on a mobile portion (8) of the recovery wheel (9) of the thread (4) of the sewing machine (1) and which are configured to detect said thread (4); the sensors and/or detecting elements (7) are also interfaced with a digital signal amplifier, which is in turn connected with a PCB provided with a software program suitable to correlate the presence of the thread (4) at the mobile portion (8) of the recover wheel (9) with an angular measure of rotation of said recovery wheel (9), in order to signal at least one stretch of remaining needleful and/or to suggest the insertion of one or more needlefuls and/or to signal breaks of one or more needlefuls.

IPC 8 full level

D05B 1/04 (2006.01); **D05B 51/00** (2006.01)

CPC (source: EP)

D05B 1/04 (2013.01); **D05B 51/00** (2013.01)

Citation (search report)

See references of WO 2017187465A1

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