

Title (en)

Sewing machine with speed-dependent stitch correction

Title (de)

Nähmaschine mit drehzahlabhängiger Stichkorrektur

Title (fr)

Machine à coudre avec correction du point en fonction de la vitesse

Publication

EP 1148165 A2 20011024 (DE)

Application

EP 01109550 A 20010418

Priority

- DE 10019921 A 20000420
- DE 10065974 A 20000420

Abstract (en)

The stitch length control mechanism is supplied with correction values which are a function of rotary speed. Preferred features: Supply of speed correction values to the stitch length control mechanism, is continued during formation of stitches remaining in a run. Correction values are entered in tabular form into a data memory, and are read out by the computer. Values of the adjustment characteristic related to stitch length, are entered in tabular form into the data memory. In the computer, the correction values, a function of rotary speed, and the values of the adjustment characteristic related to stitch length, are associated with each other.

Abstract (de)

Bei einer Nähmaschine wird die drehzahlabhängige Stichlängenveränderung durch eine drehzahlabhängige Korrektur der Einstellung der Stichstellvorrichtung kompensiert, so daß sich eine geradlinige Stichlängen-Sollwertkurve Ss ergibt. <IMAGE>

IPC 1-7

D05B 69/20

IPC 8 full level

D05B 19/12 (2006.01); **D05B 19/16** (2006.01); **D05B 27/22** (2006.01); **D05B 47/04** (2006.01); **D05B 69/20** (2006.01)

CPC (source: EP)

D05B 19/12 (2013.01); **D05B 47/04** (2013.01); **D05B 69/20** (2013.01)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 1148165 A2 20011024; **EP 1148165 A3 20020724**; BR 0101515 A 20011120; BR 0101515 B1 20090505; JP 2001353389 A 20011225; TW 507038 B 20021021

DOCDB simple family (application)

EP 01109550 A 20010418; BR 0101515 A 20010419; JP 2001119793 A 20010418; TW 90109450 A 20010419