

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 A3 20020724 (DE)**

Application

**EP 01109550 A 20010418**

Priority

- DE 10019921 A 20000420
- DE 10065974 A 20000420

Abstract (en)

[origin: EP1148165A2] 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.

IPC 1-7

**D05B 69/20**

IPC 8 full level

**D05B 27/22** (2006.01); **D05B 19/12** (2006.01); **D05B 19/16** (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)

Citation (search report)

- [A] US 4682554 A 19870728 - GOTO SUMIO [JP], et al
- [DA] US 4548143 A 19851022 - MARTELL CHARLES R [US], et al
- [DA] DE 3617204 C1 19871001 - DUERKOPPWERKE
- [DA] DE 3216993 A1 19831117 - PFAFF IND MASCH [DE]
- [DA] DE 3804920 A1 19880908 - TOKYO JUKI INDUSTRIAL CO LTD [JP]
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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