

Title (en)
Arrangement in a sewing machine.

Title (de)
Vorrichtung für eine Nähmaschine.

Title (fr)
Dispositif pour machine à coudre.

Publication
EP 0366630 A1 19900502 (EN)

Application
EP 89850270 A 19890825

Priority
SE 8803779 A 19881021

Abstract (en)
A measuring arrangement for measuring the real fabric feeding in a sewing machine consists of a wheel (18) which is rotated by the fabric without slip and is located on a special presser foot (12). There is a potentiometer (22) and a sliding contact (23) which gives a measuring quantity representing the rotation of the wheel when feeding voltage to the potentiometer and rotating the wheel. The measuring quantity is transferred to a computer unit in the sewing machine being able to calculate the feeding of the fabric positively or negatively. Such an arrangement will particularly be useful when it is desired to sew a buttonhole totally automatically.

IPC 1-7
D05B 3/24; **D05B 27/22**

IPC 8 full level
D05B 3/24 (2006.01); **D05B 27/22** (2006.01)

CPC (source: EP)
D05B 3/24 (2013.01); **D05B 27/22** (2013.01)

Citation (search report)

- [Y] FR 2521605 A1 19830819 - PROUVOST SA [FR]
- [Y] DE 3027320 A1 19810205 - JANOME SEWING MACHINE CO LTD

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 0366630 A1 19900502; **EP 0366630 B1 19940202**; DE 68912877 D1 19940317; DE 68912877 T2 19940714; SE 8803779 D0 19881021; SE 8803779 L 19900422

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