

Title (en)
Sewing machine with presser foot device

Title (de)
Nähmaschine mit einer Stoffdrückereinrichtung

Title (fr)
Machine à coudre avec dispositif de pied presseur

Publication
EP 1182288 A3 20021016 (DE)

Application
EP 01119295 A 20010810

Priority
DE 20014726 U 20000825

Abstract (en)
[origin: EP1182288A2] The sewing machine has a linear motor (20) mounted at least partially in the machine arm (2). Its drive shaft (19) is linked by an angle lever (14) to the spring holder (7) with a spring (9) as the connection to the presser foot rod (4). The connection between the drive shaft (19) and the angle lever (14) and between the angle lever (14) and the spring holder (7) is a pin through an elongated hole (12,18), or a linkage strap. The spring holder (7) has an upper holder piece (8) towards the angle lever (14) and a lower holder piece (6) for the presser foot rod (4). The two holder pieces (6,8) are locked together by a screw, with the spring (9) between them. The linear motor (20), angle lever (14) and the upper holder piece (8) are held together on a carrier plate (16) in a release mounting at or in the sewing machine arm (2).

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D05B 29/02

IPC 8 full level
D05B 29/00 (2006.01); **D05B 29/02** (2006.01)

CPC (source: EP KR US)
D05B 29/02 (2013.01 - EP KR US); **D05B 29/08** (2013.01 - KR); **D05B 69/30** (2013.01 - KR)

Citation (search report)

- [A] US 4214540 A 19800729 - COOK ALBERT N [US]
- [A] US 4538533 A 19850903 - OHCHI TORAO [JP], et al
- [A] US 5687659 A 19971118 - MATSUNAGA HIROKAZU [JP], et al
- [DA] DE 19945443 A1 20000713 - QUICK ROTAN ELEKTROMOTOREN [DE]

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DOCDB simple family (publication)
DE 20014726 U1 20001130; BR 0103700 A 20020430; BR 0103700 B1 20090505; CN 1325716 C 20070711; CN 1340647 A 20020320; EP 1182288 A2 20020227; EP 1182288 A3 20021016; JP 2002078994 A 20020319; JP 4958347 B2 20120620; KR 20020016511 A 20020304; TW 568115 U 20031221; US 2002023578 A1 20020228; US 6382118 B1 20020507

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