

Title (en)
Sewing machine.

Title (de)
Nähmaschine.

Title (fr)
Machine à coudre.

Publication
EP 0488956 A1 19920603 (FR)

Application
EP 91810918 A 19911126

Priority
CH 378090 A 19901129

Abstract (en)
[origin: JPH04292192A] PURPOSE: To provide a reliable and inexpensive sewing machine by pulling out a metallic piece rather than mechanically working a solid block by considering the mutually complicated shape of a slide way. CONSTITUTION: A first driving mechanism 22 has a driving shaft 3 and a driving device 8 and the opposite end parts of the two are kinematically connected to the shaft 3 by two connecting rods and a lever transmission. One of them demarcates a first moving orbit in a direction parallel with the supporting surface of a cloth and the other demarcates a second moving orbit in a direction vertical to this surface. An adjuster used therefore is provided with a slide way 20 in the shape of a circular arc in a center of the orbit plotted by a link 12 between the connecting rods of mechanism 22. The slide way 20 is mounted in the state of being freely rockable around the shaft 3 passing through an orbit and a tracer means is engaged with the slide way 20 and integrated with the shaft 3.

Abstract (fr)
Le dispositif de réglage de l'amplitude et du sens de l'entraînement du matériau à coudre comporte un mobile (15) muni d'une denture (17) pour entraîner. Ce mobile comporte une coulisse formée par deux pistes en arcs de cercles concentriques (20a,20b) dont l'une est engendrée par un cône et l'autre, par un cylindre tous deux roulant sur la trajectoire d'un axe (12) d'articulation entre deux leviers du mécanisme d'entraînement. Les deux pistes (20a,20b) de la coulisse sont formées par une feuille métallique profilée, rapportée sur le mobile (15). <IMAGE>

IPC 1-7
D05B 27/22

IPC 8 full level
D05B 3/04 (2006.01); **D05B 27/00** (2006.01); **D05B 27/22** (2006.01)

CPC (source: EP US)
D05B 27/22 (2013.01 - EP US)

Citation (search report)
• [AD] EP 0374090 A1 19900620 - MEFINA SA [CH]
• [AD] DE 3121266 C1 19830113 - DORINA NAEHMASCH
• [A] FR 1401129 A 19650528 - NECCHI SPA

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EP 0488956 A1 19920603; EP 0488956 B1 19941109; BR 9105188 A 19920721; CH 684415 A5 19940915; CN 1061817 A 19920610; DE 69105100 D1 19941215; DE 69105100 T2 19950406; ES 2065663 T3 19950216; JP H04292192 A 19921016; US 5186116 A 19930216

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