

Title (en)

Flat knitting machine having at least one needle bed

Title (de)

Flachstrickmaschine mit mindestens einem Nadelbett

Title (fr)

Métier à tricoter rectiligne comprenant au moins une fonture

Publication

EP 1522617 A1 20050413 (DE)

Application

EP 03022424 A 20031007

Priority

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Abstract (en)

A flatbed knitting machine has a needle bed with longitudinally sliding needles (7) each separated from the next by a lifting hook (1) plate. The plate motion is regulated by retain/release slide locks (85, 86, 87). Each plate (1) engages with a spring (2) via a lock. The force exerted by the spring varies in accordance with the direction taken by the plate (1). The plate position is infinitely variable in either direction. When holding down a coarse mesh, the plate stays longer at its lowest point. When holding down a fine mesh, the tension exerted by the short mesh shanks pulls the plate upwards against the spring force.

Abstract (de)

Eine Flachstrickmaschine mit mindestens einem Nadelbett (4) mit längs verschiebbaren Nadeln (7) und zwischen den Nadeln begrenzt verschwenkbar angeordneten, von Schlossteilen des Schlittens steuerbaren und mit mindestens einer Maschenniederhalte- und/oder Maschenbilderfläche (11, 12, 13, 13.1, 13.2) versehene Platinen (1), wobei an jeder Platine (1) ein von den Schlossteilen beaufschlagbares Federelement (2) angreift, das je nach Schwenkstellung der Platinen (1) eine in Richtung und Stärke variierende Federkraft auf die Platine (1) ausübt. <IMAGE>

IPC 1-7

D04B 15/06

IPC 8 full level

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CPC (source: EP)

D04B 15/06 (2013.01); **D04B 15/10** (2013.01); **D04B 15/36** (2013.01); **D04B 15/70** (2013.01); **D04B 15/90** (2013.01)

Citation (search report)

- [A] EP 0672769 A1 19950920 - SHIMA SEIKI MFG [JP]
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