

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 B1 20080123 (DE)

Application

EP 03022424 A 20031007

Priority

EP 03022424 A 20031007

Abstract (en)

[origin: EP1522617A1] 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.

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)

Cited by

JP2014095160A; CN107904768A; US10294594B2; US7380419B2; US8381550B1; EP2570533A1; WO2016123218A1

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