

Title (en)
Warp knitting machine

Title (de)
Kettenwirkmaschine

Title (fr)
Métier à tricoter chaîne

Publication
EP 1498531 B1 20070905 (DE)

Application
EP 04014691 A 20040623

Priority
DE 10332235 A 20030716

Abstract (en)
[origin: EP1498531A1] A warp loom has a pattern lay-up bar (1) with a thread guide (2) coupled to a draw cable (3) and movement regulator. The movement regulator motor (4) is coupled only to one end of the pattern bar (1). The motor (4) has a drum (8) to which one end of the cable is attached. A return spring (5) is attached to one end of the pattern bar. The drum (8) circumference is greater than the thread guide maximum movement range. The drum diameter is at least 30 mm. The draw-cable (3) is attached by a ring at one of a number of alternative clamped positions inside the drum, via an aperture in the outer shell.

IPC 8 full level
D04B 27/24 (2006.01); **D04B 27/26** (2006.01); **D04B 23/00** (2006.01)

CPC (source: EP KR)
D04B 23/00 (2013.01 - KR); **D04B 27/24** (2013.01 - KR); **D04B 27/26** (2013.01 - EP)

Cited by
EP2623654A1; US8132431B2

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
EP 1498531 A1 20050119; EP 1498531 B1 20070905; CN 100478511 C 20090415; CN 1576427 A 20050209; DE 10332235 B3 20050616; DE 502004004849 D1 20071018; JP 2005036380 A 20050210; JP 3978201 B2 20070919; KR 100617365 B1 20060828; KR 20050009186 A 20050124; TW 200513561 A 20050416; TW I238865 B 20050901

DOCDB simple family (application)
EP 04014691 A 20040623; CN 200410071221 A 20040716; DE 10332235 A 20030716; DE 502004004849 T 20040623; JP 2004200850 A 20040707; KR 20040054689 A 20040714; TW 93121160 A 20040715