

Title (en)

Gripper loom with an insert device which is adjustable according to the thread properties

Title (de)

Greiferwebmaschine mit auf Fadeneigenschaften einstellbarer Schusseintragsvorrichtung

Title (fr)

Machine à tisser à pinces avec un dispositif d'insertion qui peut être ajusté suivant les caractéristiques de fil

Publication

**EP 0526390 B1 19960911 (DE)**

Application

**EP 92810461 A 19920616**

Priority

CH 220491 A 19910724

Abstract (en)

[origin: EP0526390A1] The gripper loom has a weft-insert device, in which a feed gripper (1) transfers the weft thread to a take-up gripper (2) in the middle of the shed. Clamp openers (6) which actuate the thread clamps of the two grippers (1, 2) can ensure a reliable thread transfer. According to the invention, the clamp openers (6) and/or the gripper drives are driven by means of program-controlled servomotors (62 or 5). This allows, among other things, an operating mode of the loom which is coordinated with the properties of the weft threads used and of the gripper clamps. <IMAGE>

IPC 1-7

**D03D 47/12**

IPC 8 full level

**D03D 47/14** (2006.01); **D03D 47/27** (2006.01)

CPC (source: EP US)

**D03D 47/18** (2013.01 - EP US); **D03D 47/23** (2013.01 - EP US); **D03D 47/271** (2013.01 - US); **D03D 47/272** (2013.01 - EP); **D03D 47/273** (2013.01 - EP); **D03D 47/275** (2013.01 - EP US); **D03D 51/005** (2013.01 - EP US)

Cited by

EP0908547A1; CN103173914A; EP1054088A1; EP0864678A1; BE1019271A3; CN102947497A; EP1637635A1; WO2011120820A2; WO2011120820A3

Designated contracting state (EPC)

BE DE FR IT

DOCDB simple family (publication)

**EP 0526390 A1 19930203**; **EP 0526390 B1 19960911**; DE 59207102 D1 19961017; JP H05195373 A 19930803; US 5241994 A 19930907

DOCDB simple family (application)

**EP 92810461 A 19920616**; DE 59207102 T 19920616; JP 17254092 A 19920630; US 90088992 A 19920618