

Title (en)

Positioning housing for the electrical actuators of a shedding mechanism and weaving loom

Title (de)

Positioniergehäuse für die elektrischen Drehaktuatoren einer Fachbildungsvorrichtung und Webmaschine

Title (fr)

Boîtier de positionnement d'actionneurs électriques pour la formation de la foule et métier à tisser

Publication

EP 0926280 A1 19990630 (FR)

Application

EP 98420234 A 19981217

Priority

FR 9716735 A 19971224

Abstract (en)

The control box (1) with electric actuators (3), for the Jacquard loom harness cords, has compartments (2) for each to be installed and removed in a harness (5) layout where they are wound and unwound round a pulley wheel (4) at each actuator. A number of compartments are arranged in rows and columns, at right angles to the rotary axes (X-X') of the pulley wheels of each actuator in the compartments. A compartment can take a number of actuators, with positioners for at least one within the compartment interior using ribs across them or centering pins. The cover (15) for the control box has ribs (15a,15b) round the contained pulley wheels. Some of the cover ribs (15a) are at an angle to the rows or columns of compartments, to allow the harness cords to be aligned in parallel with each other. A cord guide bar (16) has holes (16a) for the harness cords to pass through, operated by the actuators in their compartments. Each compartment has a back wall (9) with an opening (10) for the power supply cables to the actuators. The back wall has a support surface for a locking plate to hold the actuator in place within the compartment. A control system (8) is at the back of the control box.

Abstract (fr)

Boîtier (1) de positionnement d'actionneurs rotatifs électriques pour la formation de la foule sur un métier à tisser, comprenant au moins un compartiment (2) apte à recevoir, de façon amovible, au moins un actionneur rotatif (3) dans une position telle qu'une arcade (5) est apte à être enroulée sur une poulie (4) mue par ledit actionneur. Le boîtier comprend avantageusement un couvercle (15) apte à couvrir les poulies (4) des actionneurs (3), ce couvercle étant pourvu de nervures (15a, 15b) de séparation de ces poulies (4). Les compartiments (2) peuvent recevoir chacun un ou plusieurs actionneurs (3). <IMAGE>

IPC 1-7

D03C 3/20; **D03C 5/00**

IPC 8 full level

D03C 3/20 (2006.01); **D03C 5/00** (2006.01)

CPC (source: EP US)

D03C 3/20 (2013.01 - EP US); **D03C 3/205** (2013.01 - EP); **D03C 5/00** (2013.01 - EP US)

Citation (search report)

- [A] EP 0668381 A1 19950823 - JAKSIC DANILO [SI]
- [A] WO 8102312 A1 19810820 - VERDOL SA [FR], et al
- [A] EP 0353005 A1 19900131 - PALMER RAYMOND LESLIE
- [A] EP 0304985 A1 19890301 - VREE & CO NV J DE [BE]
- [A] FR 2736659 A1 19970117 - TIS [FR]

Cited by

EP2666893A1; CN104968185A; CN105063845A; FR2990958A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0926280 A1 19990630; **EP 0926280 B1 20010822**; CN 1083904 C 20020501; CN 1221822 A 19990707; DE 69801413 D1 20010927; DE 69801413 T2 20020529; ES 2159926 T3 20011016; FR 2772792 A1 19990625; FR 2772792 B1 20000128; JP H11241248 A 19990907; US 6105629 A 20000822

DOCDB simple family (application)

EP 98420234 A 19981217; CN 98126037 A 19981224; DE 69801413 T 19981217; ES 98420234 T 19981217; FR 9716735 A 19971224; JP 36777898 A 19981224; US 21780598 A 19981222