Title (en)

Jacquard type shedding mechanism, weaving machine with such a mechanism and methods for mounting and unmounting such mechanisms

Title (de)

Fachbildungsvorrichtung des Jacquardtyps, Webmaschine mit einer solchen Vorrichtung und Verfahren zum Ein- und Ausbauen dieser Vorrichtung

Title (fr)

Mécanique d'armure du type Jacquard, métier à tisser équipé d'une telle mécanique et procédés d'assemblage et de démontage d'une telle mécanique

Publication

EP 1493857 B1 20120606 (FR)

Application

EP 04356115 A 20040629

Priority

FR 0307895 A 20030630

Abstract (en)

[origin: EP1493857A1] Electric rotary actuators (2) each turn a pulley (4) winding a thin tractive cord (5), for heddle (6) control. A cover (20) seals against the exterior and protects the group of pulleys mounted on the adjacent actuators. The cover (20) has retainers (22-24) for pulleys, in a position enabling mounting (F 1, F 10) on, or removal from the corresponding actuator. The retainers hold several pulleys and are compatible with simultaneous mounting and removal. The retainers can impose angular orientation of one or more pulleys. They include resilient limbs with cam jaws (23a) clicking into recesses in the pulleys. Further details of the mechanism and the loom which employs it, are elaborated. An independent claim is included for the corresponding assembly method.

IPC 8 full level

D03C 3/20 (2006.01)

CPC (source: EP US)

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

Cited by

EP2666893A1; FR2990958A1; US7806146B2; WO2008116325A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1493857 A1 20050105; **EP 1493857 B1 20120606**; CN 1576418 A 20050209; CN 1576418 B 20110413; FR 2856705 A1 20041231; FR 2856705 B1 20050805; JP 2005023510 A 20050127; JP 4377291 B2 20091202; US 2004261882 A1 20041230; US 7040352 B2 20060509

DOCDB simple family (application)

EP 04356115 A 20040629; CN 200410050170 A 20040625; FR 0307895 A 20030630; JP 2004192039 A 20040629; US 87457604 A 20040624