

Title (en)
Jacquard shedding mechanism and weaving loom with such a mechanism

Title (de)
Jacquardfachbildungsvorrichtung sowie Webmaschine mit einer solchen Vorrichtung

Title (fr)
Mécanique d'armure de type jacquard et métier à tisser équipé d'une telle mécanique

Publication
EP 1069218 A1 20010117 (FR)

Application
EP 00420105 A 20000523

Priority
FR 9907029 A 19990531

Abstract (en)
[origin: FR2794140A1] Warp thread (5) arcades (4) are controlled by electrical actuators (2) arrayed in rows and/or columns, forming two panels above the loom. A actuator supply and control unit (20) is accommodated in a compartment (22) defined between the panels. Preferred features: Two plates cover ends of the panels (A, B). One supports a fan controlling compartment and/or actuator temperature. This directs a current of cooling air towards the supply- and/or control unit and/or actuators. It creates a pressure in the compartment exceeding that of the surroundings. Panels form or include air circulation channels. A further chamber is included for cooling air pressurization, and is connected with the compartment and/or channels. Air holes are provided in both plates, for air entering and leaving. Panels are inclined towards each other and have an access opening (22a) for the compartment (22), at the top. Panels (A, B) are formed by casings (1) accepting the actuators (2), the casings being assembled together in rows and columns. The loom using the mechanism is also claimed.

Abstract (fr)
Mécanique d'armure de type Jacquard pour la formation de la foule sur un métier à tisser, ladite mécanique étant associée à un harnais comprenant des arcades (4) solidaires de lisses (5) associées aux fils de chaîne (6) du métier, caractérisée en ce que lesdites arcades (4) sont commandées par des actionneurs électriques (2) ordonnés en rangées et/ou en colonnes formant deux panneaux (A, B) disposés au-dessus du métier et en ce qu'une unité (20) d'alimentation et de contrôle desdits actionneurs est logée dans un compartiment (22) défini entre lesdits panneaux (A, B).
<IMAGE>

IPC 1-7
D03C 3/20; **D03C 3/26**

IPC 8 full level
D03C 3/20 (2006.01); **D03C 3/24** (2006.01); **D03C 3/26** (2006.01); **D03J 1/00** (2006.01)

CPC (source: EP US)
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