

Title (en)

Device for forming a Jacquard-type shed, loom equipped with such a device and method of forming the shed on such a loom

Title (de)

Vorrichtung zur Jacquardfachbildung, mit einer solchen Vorrichtung versehene Webmaschine und Verfahren zur Fachbildung auf einer solchen Webmaschine

Title (fr)

Dispositif de formation de la foule de type Jacquard, métier à tisser équipé d'un tel dispositif et procédé de formation de la foule sur un tel métier

Publication

EP 1867765 A1 20071219 (FR)

Application

EP 07356085 A 20070615

Priority

FR 0605379 A 20060616

Abstract (en)

The device for forming a Jacquard type shed, comprises electrical actuators, and units for controlling the actuators. The control unit generates a signal representing the value of a parameter determined by a calculator for each actuator, and comprises a unit for automatically analyzing a design corresponding to an anterior pick and posterior pick and an element for determining a modification factor on the basis of result of the analysis conducted by the analyzer. The analyzer and the element are formed by or belong to the calculator. The device for forming a Jacquard type shed, comprises electrical actuators, and units for controlling the actuators. The control unit generates a signal representing the value of a parameter determined by a calculator for each actuator, and comprises a unit for automatically analyzing a design corresponding to an anterior pick and posterior pick and an element for determining a modification factor on the basis of result of the analysis conducted by the analyzer. The analyzer and the element are formed by or belong to the calculator. Memory units are arranged for storing a parameter depending upon the design, and for storing values of modification factor. The values of modification factor are associated with a value of a parameter determined by the analyzer. Independent claims are included for: (1) a process for forming a Jacquard type shed; and (2) a weaving loom.

Abstract (fr)

Ce dispositif de formation de la foule de type Jacquard comprend plusieurs actionneurs électriques (6 1) et des moyens (C 1 , C 21) de commande de chaque actionneur (6 1) apte à générer un signal (S 211) représentatif de la valeur d'au moins un paramètre (A). Les moyens de commande comprennent un analyseur (C' 21) apte à analyser, pour au moins une duite (d n), le dessin correspondant à une ou plusieurs duites. Ces moyens de commande comprennent également un organe (C " 21) de détermination d'un facteur de modification, sur la base du résultat de l'analyse conduite par l'analyseur (C ' 21), de la valeur du paramètre (A) déterminé par le calculateur.

IPC 8 full level

D03C 3/20 (2006.01); **D03C 13/00** (2006.01); **D03D 51/00** (2006.01)

CPC (source: EP KR US)

D03C 3/00 (2013.01 - KR); **D03C 3/20** (2013.01 - EP US); **D03C 3/205** (2013.01 - EP US); **D03C 3/24** (2013.01 - KR)

Citation (search report)

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- [A] EP 1065306 A2 20010103 - TOYODA AUTOMATIC LOOM WORKS [JP]
- [A] US 2003070721 A1 20030417 - WAHHDOUN ADNAN [DE]
- [DA] EP 0353005 B1 19950329 - PALMER RAYMOND LESLIE [GB]

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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EP 07356085 A 20070615; AT 07356085 T 20070615; CN 200710111185 A 20070614; DE 602007002013 T 20070615; FR 0605379 A 20060616; JP 2007154712 A 20070612; KR 20070058505 A 20070614; TW 96118115 A 20070522; US 80807607 A 20070606