

Title (en)
Method and device for the detection of abnormality in a Jacquard loom warp

Title (de)
Verfahren und Vorrichtung zur Fehlererkennung im Fach einer Jacquardmaschine

Title (fr)
Procédé et dispositif de détection d'anomalie dans la foule d'un métier Jacquard

Publication
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Application
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Priority
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Abstract (en)
[origin: US2001039975A1] In a weaving loom of the Jacquard type comprising electrical actuators for displacing heddles controlling the position of the warp yarns, the following steps are carried out: a so-called "normal effort" is determined, exerted by at least one actuator on at least one harness cord in order to displace, between two positions of its normal stroke, at least one heddle connected to a normally taut warp yarn; from this normal effort, at least one threshold value representative of a limit of a range of values of normal weaving effort is determined; while the loom is in operation, a so-called "operational effort" exerted by this actuator on the harness cord is determined; at least one value representative of this operational effort is compared with the threshold value, and a first, so-called "anomaly signal" is generated when the value representative of the operational effort is outside the afore-mentioned range. The device comprises a logic unit incorporating a comparator and associated with a memory and a display means.

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