Title (en)

METHOD AND DEVICE FOR MEASURING THE FABRIC TENSION IN A WEAVING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MESSEN DER GEWEBESPANNUNG IN EINER WEBMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE MESURER LA TENSION D'UN TISSU DANS UN MÉTIER À TISSER

Publication

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Application

EP 14811778 A 20141106

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Abstract (en)

[origin: WO2015067702A1] Method for measuring the fabric tension in a weaving machine, in which the fabric (1) is deflected by a deflection shaft (2), wherein a flexing force is applied to the deflection shaft (2) by the fabric (1). The deflection path of the deflection shaft (2) is measured by a sensor (3) which is mounted on the weaving machine in an area between two supports (4.1, 4.2) of the deflection shaft (2). The deflection shaft (2) is connected to a machine frame (9) of the weaving machine via the two supports (4.1, 4.2). The distance (A) between the two supports (4.1, 4.2) of the deflection shaft (2) is reduced for greater fabric tensions to be measured and increased at lower fabric tensions to be measured. The invention further relates to a corresponding weaving machine.

IPC 8 full level

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CPC (source: EP US)

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