

Title (en)
METHOD AND DEVICE FOR MONITORING THE THREAD ARRIVAL DURING THE WEFT INSERTION OF DIFFERENT WEFT THREADS ON A WEAVING MACHINE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG DER FADENANKUNFT BEIM SCHUSSEINTRAG VERSCHIEDENER SCHUSSFÄDEN AN EINER WEBMASCHINE

Title (fr)
PROCÉDÉ ET DISPOSITIF DE CONTRÔLE DE L'ARRIVÉE DU FIL LORS DE L'INSERTION DE DIFFÉRENTS FILS DE TRAME DANS UN MÉTIER À TISSER

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Application
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Priority
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Abstract (en)
[origin: WO2011015178A1] On a weaving machine, the arrival of the weft thread (1) during insertion into a shed is monitored by means of a sensor (4) at the end of the insertion path (5). The sensor (4) produces different signal profiles (6) upon the passage of different weft threads (1,2,3...n). A control unit (7) determines the respective reference signal from several signal profiles (6) of the sensor (4) for each weft thread (1,2,3...n) to be inserted depending on the weaving pattern, the reference signal being compared with the actual signal profile (6) in the weaving process. The operator no longer has to make any entries into the controller (7) regarding the type of weft threads (1) to be monitored during weft insertion.

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