

Title (en)

A METHOD AND APPARATUS FOR CONTROLLING A JET LOOM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER DÜSENWEBMASCHINE

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE D'UN MÉTIER À TISSER À JET

Publication

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Application

**EP 11791419 A 20111124**

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Abstract (en)

[origin: WO2012068698A2] A method for controlling a jet loom (1) is proposed. The jet loom (1) contains a plurality of relay nozzles (33) arranged along a fluid feed conduit (8). A weft yarn (93) is introduced into the fluid feed conduit (8), the relay nozzles (33) are actuated so as to eject time-staggered fluid pulses which produce a fluid flow in the fluid feed conduit (8), and the weft yarn (93) is conveyed by the fluid flow through the fluid feed conduit (8). At least two different individual, intrinsic characteristics of a weft yarn section to be introduced into the fluid feed conduit (8) are determined. The relay nozzles (33) are actuated based on the previously determined at least two different individual, intrinsic characteristics of the respectively conveyed weft yarn section (93). Thus, the energy and air consumption of the jet loom (1) are reduced and the productivity of the jet loom (1) is increased

IPC 8 full level

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