

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

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Application

EP 11791418 A 20111124

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Abstract (en)

[origin: WO2012068697A2] 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). The relay nozzles (33) are actuated based on a local distribution of characteristics within 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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