

Title (en)

Weaving method for air jet loom

Title (de)

Webverfahren für Luftdüsenwebmaschine

Title (fr)

Procédé de tissage pour métier à tisser à jet d'air

Publication

EP 2476788 A2 20120718 (EN)

Application

EP 12000009 A 20120102

Priority

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Abstract (en)

An air jet loom includes a main nozzle (1) for weft insertion and a plurality of sub-nozzles (3) arranged along a weft insertion path, the sub-nozzles (3) ejecting air at preset timings in a relay manner from the sub-nozzle (3) closest to a weft insertion side to assist a movement of a weft yarn (Y) ejected from the main nozzle (1). The air jet loom includes an auxiliary ejection nozzle (10, 20) provided such that an ejection hole thereof is positioned near a distal end portion of the main nozzle (1), the auxiliary ejection nozzle (10, 20) ejecting air such that the air acts on the weft yarn (Y) pulled out from the main nozzle (1). When the air jet loom uses a pre-dyed yarn as the weft yarn (Y), the auxiliary ejection nozzle (10, 20) is caused to eject the air in a predetermined period within a period from a time of completion of the weft insertion to a time at which the weft yarn (Y) is restrained by warp yarns (T).

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