

Title (en)

Method of tuck-in operation of a shuttleless loom and a tuck-in device

Title (de)

Verfahren zum Einlegen der Schussfadenenden in einer schützenlosen Webmaschine und Einlegevorrichtung

Title (fr)

Méthode de rentrage des extrémités de trame sur métier sans navette et dispositif de rentrage

Publication

EP 1405942 B1 20101027 (EN)

Application

EP 03020622 A 20030910

Priority

JP 2002290357 A 20021002

Abstract (en)

[origin: EP1405942A1] Performing tuck-in operation in a tuck-in device of shuttleless loom for folding back a weft end of picked weft inside a shedding of warp includes allowing injection of airflow inoperative or injecting first air flow during the injection of air flow(s) in response to an instruction from a loom based on a stoppage cause of the loom not to fold back the weft end inside the shedding of the warp. An independent claim is also included for a tuck-in device comprising tuck-in nozzle(s) and an airflow supply device. The airflow supply device comprises a pressure air source, closing valves which open or close to permit or not permit supply of pressurized air from the pressure air source to the tuck-in nozzles, and a closing valve controller for controlling the closing valves. A weft end of a picked weft is folded back inside a shedding of a warp by injecting airflow from the tuck-in nozzles after the weft end is gripped. The closing valve controller stops the opening of at least one of the closing valves in response to an instruction from a loom based on the stoppage cause of the loom.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN102618995A; EP2330239A1; CN107090650A

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