

Title (en)

Method for improving the weft inserting performance in an air jet loom and inserting nozzle for carrying out the method

Title (de)

Verfahren zur Leistungssteigerung beim Schussfadeneintrag in ein Webfach einer Luftdüsenwebmaschine und Eintragsdüse zur Durchführung des Verfahrens

Title (fr)

Procédé d'augmentation de la capacité d'insertion de trame d'un métier à air et tuyère pour la mise en oeuvre du procédé

Publication

**EP 0735170 B1 20010530 (DE)**

Application

**EP 96101390 A 19960201**

Priority

DE 19511439 A 19950329

Abstract (en)

[origin: DE19511439C1] To increase the productivity of a jet loom, with weft insertion through an air jet, the air stream expansion with pick-up of the weft occurs before the air stream enters the mixing tube, which is on an extension of the yarn guide tube within the jet assembly. Pref. the air stream expansion is at the outlet end section of the yarn guide tube, and it increases continuously up to the transfer into the mixing tube. The cross section surface of the notches (11) or openings increases towards the outlet end surface of the yarn guide tube (3). The notches (11) are formed as a nick in the yarn guide tube (3). The openings in the yarn guide tube (3) are drillings.

IPC 1-7

**D03D 47/30**

IPC 8 full level

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