

Title (en)

Method for setting jet-pressures of fluid-jet loom, and jet-pressure-setting unit and picking unit, for use in executing same

Title (de)

Verfahren, Druckeinstellvorrichtung und Eintragsvorrichtung mit Einstellvorrichtung zum Einstellen des Düsendruckes einer Düsenwebmaschine

Title (fr)

Procédé, dispositif et buse d'insuflation avec un dispositif pour contrôler la pression d'injection d'un fluide dans une buse d'un métier à jet

Publication

EP 1475467 A1 20041110 (EN)

Application

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Priority

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Abstract (en)

There is provided a method for easily setting jet-pressures of picking nozzles of a fluid-jet loom, respectively, by coping with variation in workpiece in process, particularly, variation in yarn type of a weft yarn in process. <??>To that end, the method of setting the jet-pressures of the fluid-jet loom, comprises the steps of presetting a plurality of formulas with a picking rate (X) as a variable, for example, a linear equation $V = AX + B$ so as to correspond to respective yarn types of a weft yarn (6) in order to compute recommended set pressure values V of the jet pressure for the picking nozzles (main nozzle 4, and sub-nozzles 5), selecting the formula corresponding to the yarn type of the weft yarn (6) at a time of setting the jet pressure as a picking condition, and computing and outputting the recommended set pressure values V for the picking nozzles (the main nozzle 4, and sub-nozzles 5), respectively, by use of the formula as selected. <IMAGE>

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CPC (source: EP)

D03D 47/28 (2013.01); **D03D 47/3053** (2013.01)

Citation (search report)

- [X] WO 0179597 A1 20011025 - PIKANOL NV [BE], et al
- [X] DE 4226693 A1 19930218 - NISSAN MOTOR [JP]

Cited by

KR101373156B1; CN103820923A; EP2765229A1

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EP 1475467 A1 20041110; **EP 1475467 B1 20091125**; CN 100343433 C 20071017; CN 1550596 A 20041201; DE 602004024265 D1 20100107; JP 2004332165 A 20041125; JP 4111864 B2 20080702

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