

Title (en)

Apparatus for controlling weft inserting air pressure in a jet loom.

Title (de)

Vorrichtung zur Kontrolle des Schussfadeneintragsluftdrucks auf eine Düsenwebmaschine.

Title (fr)

Dispositif pour le contrôle de pression d'air d'insertion dans un métier à tisser à jet.

Publication

EP 0494050 A1 19920708 (EN)

Application

EP 91811001 A 19911227

Priority

JP 41681390 A 19901229

Abstract (en)

The apparatus allows to achieve dependable controlling of weft inserting air pressure in a jet loom while improving i.e. reducing air consumption. The air injection pressure of the main weft inserting nozzle (4) is controlled by the computer control (C2) which then controls the pressure control valve (12) according to the arrival time detected by the weft sensor (9). The air injection pressure of the auxiliary weft inserting nozzles (5-8) is controlled by the computer control (C2) which then controls the pressure control valve (13) according to the difference between the above arrival time and the weft released time detected by the weft release detector (3). <IMAGE>

IPC 1-7

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IPC 8 full level

D03D 47/30 (2006.01)

CPC (source: EP)

D03D 47/3033 (2013.01); **D03D 47/304** (2013.01)

Citation (search report)

- [A] EP 0263445 A2 19880413 - TSUDAKOMA IND CO LTD [JP]
- [A] EP 0276829 A2 19880803 - TSUDAKOMA IND CO LTD [JP]
- [A] EP 0344104 A1 19891129 - SULZER AG [CH]
- [A] US 4915142 A 19900410 - UEHARA JOTARO [JP]

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