

Title (en)

Weft handling apparatus in a jet loom.

Title (de)

Schussfadenhandhabungseinrichtung für Luftwebmaschinen.

Title (fr)

Dispositif pour la manipulation de fils de trame pour machine à tisser à jet.

Publication

EP 0494051 A1 19920708 (EN)

Application

EP 91811002 A 19911227

Priority

JP 41681290 A 19901229

Abstract (en)

The apparatus is preventing a broken weft piece (Y1), which results from a weft break taking place adjacently to the outlet of the weft winding tube (1b) of the weft measuring and storage device (1) of winding type, from being inserted into a warp shed (W), and subsequently withdrawing the weft portion present at the cloth fell (W1) of woven fabric by pulling its succeeding weft portion prevented from being inserted. The winding amount of reserve weft on the weft winding surface (1a) of the weft measuring and storage device (1) is detected by the reserve weft sensor (8). The information from such detection is transmitted to the computer control (C), which activates the blow nozzle (15) to prevent weft insertion in response to "no reserve weft" signal from the reserve weft sensor (8). <IMAGE>

IPC 1-7

D03D 47/30; **D03D 47/34**

IPC 8 full level

D03D 47/34 (2006.01); **D03D 47/30** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

D03D 47/3086 (2013.01)

Citation (search report)

- [X] US 4890650 A 19900102 - MITSUYA KINPEI [JP]
- [A] EP 0236597 A1 19870916 - TSUDAKOMA IND CO LTD [JP]

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CN104120537A; CN103015013A; CN105874113A; BE1021171B1

Designated contracting state (EPC)

BE DE FR IT

DOCDB simple family (publication)

EP 0494051 A1 19920708; JP H04241141 A 19920828

DOCDB simple family (application)

EP 91811002 A 19911227; JP 41681290 A 19901229