

Title (en)

Weft inserting apparatus in fluid jet loom

Title (de)

Schusseintragsvorrichtung einer Düsenwebmaschine

Title (fr)

Appareil d'insertion de trame dans un métier à tisser à jet de liquide

Publication

EP 1878819 A3 20090708 (EN)

Application

EP 07011051 A 20070605

Priority

JP 2006189975 A 20060711

Abstract (en)

[origin: EP1878819A2] A weft inserting apparatus (60, 70) for a fluid jet loom includes a plurality of weft supply lines (L), each having a yarn package (1), a weft measuring-and-retaining device (30), a weft-insertion nozzle (9), and a yarn sensor (3). The apparatus performs a weft insertion process by using the weft supply lines in a sequential alternating cycle. When a yarn abnormality is detected in a weft supply line, the apparatus excludes that weft supply line from the sequential alternating cycle and allows the weft insertion process to continue using only the remaining operable weft supply lines. Manually operated restoring means (35, 40) is connected to a weft-insertion controlling device (65, 75). The weft-insertion controlling device restores the excluded weft supply line on the basis of an output signal from the restoring means so that the excluded weft supply line is re-included in the sequential alternating cycle of the weft insertion process.

IPC 8 full level

D03D 47/38 (2006.01)

CPC (source: EP)

D03D 47/28 (2013.01); **D03D 47/3046** (2013.01); **D03D 51/34** (2013.01)

Citation (search report)

- [DA] JP H02127543 A 19900516 - HOKURYO DENKO
- [A] EP 0346967 A1 19891220 - PICANOL NV [BE]
- [A] EP 0195469 A2 19860924 - PICANOL NV [BE]

Cited by

EP2762619A1; EP2157218A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1878819 A2 20080116; **EP 1878819 A3 20090708**; **EP 1878819 B1 20101103**; CN 101104974 A 20080116; CN 101104974 B 20110126; DE 602007010207 D1 20101216; JP 2008019515 A 20080131

DOCDB simple family (application)

EP 07011051 A 20070605; CN 200710104525 A 20070525; DE 602007010207 T 20070605; JP 2006189975 A 20060711