

Title (en)

METHOD FOR DIAGNOSING WEFT INSERTION IN AIR-JET LOOM

Title (de)

VERFAHREN ZUR DIAGNOSE DER SCHUSSFADENEINFÜHRUNG IN EINER LUFTDÜSENWEBMASCHINE

Title (fr)

PROCÉDÉ DE DIAGNOSTIC D'INSERTION DE TRAME DANS UN MÉTIER À TISSER À JET D'AIR

Publication

EP 3498902 A1 20190619 (EN)

Application

EP 18210644 A 20181206

Priority

JP 2017238770 A 20171213

Abstract (en)

If a count of unwinding detected by a balloon sensor is normal, and a weft yarn is detected by an in-weaving width sensor but not by an end sensor, a controller compares a weft detection timing of the in-weaving width sensor with a previously set threshold value of the weft detection timing of the in-weaving width sensor to estimate the location of a weft loop failure that is a weft insertion failure that has occurred.

IPC 8 full level

D03D 47/30 (2006.01); **D03D 51/34** (2006.01)

CPC (source: EP)

D03D 47/3073 (2013.01); **D03D 51/34** (2013.01)

Citation (applicant)

JP H04257347 A 19920911 - TOYODA AUTOMATIC LOOM WORKS

Citation (search report)

- [XAI] EP 0229432 A2 19870722 - TSUDAKOMA IND CO LTD [JP]
- [AD] EP 0498773 A1 19920812 - TOYODA AUTOMATIC LOOM WORKS [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3498902 A1 20190619; **EP 3498902 B1 20210310**; CN 109943957 A 20190628; CN 109943957 B 20201201; JP 2019105005 A 20190627; JP 6994377 B2 20220114

DOCDB simple family (application)

EP 18210644 A 20181206; CN 201811494204 A 20181207; JP 2017238770 A 20171213