

Title (en)

Weft-insertion-condition display method and weft-insertion-condition display apparatus for loom

Title (de)

Verfahren zur Anzeige des Schusseintragszustands und Vorrichtung zur Anzeige des Schusseintragszustands für eine Webmaschine

Title (fr)

Procédé d'affichage de condition d'insertion de trame et appareil d'affichage de condition d'insertion de trame pour gaine isolante

Publication

EP 2088227 A3 20110316 (EN)

Application

EP 09001183 A 20090128

Priority

- JP 2008027243 A 20080207
- JP 2008146753 A 20080604

Abstract (en)

[origin: EP2088227A2] A loom in which a weft arrival time is detected each time a weft insertion operation is performed includes a weft-insertion-condition display apparatus (20). The weft-insertion-condition display apparatus (20) calculates statistics (average, maximum and minimum values, and standard deviation) regarding weft arrival times detected in each of predetermined sampling periods on the basis of the detected weft arrival times, stores the statistics that are sequentially calculated during a weaving operation in time series, and graphically displays the stored statistics in time series along a time axis. An occurrence status of stoppages of the loom that have occurred in each of the predetermined sampling periods is displayed such that the number of stoppages can be visually recognized along the same time axis as the time axis along which the statistics are graphically displayed.

IPC 8 full level

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CPC (source: EP)

D03D 51/00 (2013.01); **D03D 51/18** (2013.01); **D03J 1/005** (2013.01)

Citation (search report)

- [AD] JP 2006009233 A 20060112 - TSUDAKOMA IND CO LTD
- [A] EP 1700940 A1 20060913 - TSUDAKOMA IND CO LTD [JP]
- [A] EP 1775359 A2 20070418 - TSUDAKOMA IND CO LTD [JP]
- [A] EP 1600538 A2 20051130 - TSUDAKOMA IND CO LTD [JP]

Cited by

EP2400050A3; CN107201594A; CN104007701A; EP2161358A1; EP2166140A3; EP2733244A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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