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 A2 20090812 (EN)

Application

EP 09001183 A 20090128

Priority

• JP 2008027243 A 20080207
• JP 2008146753 A 20080604

Abstract (en)

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

D03D 51/00 (2006.01); **D03D 51/18** (2006.01); **D03J 1/00** (2006.01)

CPC (source: EP)

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

Citation (applicant)

JP 2006009233 A 20060112 - TSUDAKOMA IND CO LTD

Cited by

CN104007701A; CN107201594A; EP2400050A3; EP2161358A1; EP2166140A3; EP2733244A1

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EP 2088227 A2 20090812; **EP 2088227 A3 20110316**; **EP 2088227 B1 20120418**; CN 101503841 A 20090812; CN 101503841 B 20120425; JP 2009209505 A 20090917; JP 5398176 B2 20140129

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EP 09001183 A 20090128; CN 200910005855 A 20090205; JP 2008146753 A 20080604