

Title (en)

Weft-insertion-condition display unit for loom

Title (de)

Vorrichtung zum Anzeigen des Betriebszustands des Schusseintrags

Title (fr)

Dispositif d'affichage de la condition de l'insertion de la trame

Publication

**EP 1600538 B1 20091111 (EN)**

Application

**EP 05011121 A 20050523**

Priority

- JP 2004153271 A 20040524
- JP 2005053808 A 20050228

Abstract (en)

[origin: EP1600538A2] A weft-insertion-condition display unit (20) for a loom includes weft-arrival-timing detection means (30) for detecting each of weft arrival timings based on a yarn signal obtained by detecting a weft yarn (4) on a weft-traveling path; statistic-computing means (40) for calculating statistics of the weft arrival timings based on the weft arrival timings detected for a predetermined number of picks; and display means (41) for storing the statistics calculated by the statistic-computing means (40) and for graphically displaying the statistics along a time axis.

IPC 8 full level

**D03D 47/30** (2006.01); **D03J 1/00** (2006.01)

CPC (source: EP KR)

**D03D 47/3066** (2013.01 - EP); **D03D 47/3073** (2013.01 - EP); **D03D 47/3093** (2013.01 - EP); **D03D 51/00** (2013.01 - KR); **D03D 51/02** (2013.01 - KR); **D03J 1/005** (2013.01 - EP)

Cited by

BE1024064B1; EP2161358A1; EP2088227A3; EP2166140A3; EP2733244A1

Designated contracting state (EPC)

BE DE IT

DOCDB simple family (publication)

**EP 1600538 A2 20051130**; **EP 1600538 A3 20060524**; **EP 1600538 B1 20091111**; DE 602005017534 D1 20091224; JP 2006009233 A 20060112; JP 4429190 B2 20100310; KR 20060046136 A 20060517

DOCDB simple family (application)

**EP 05011121 A 20050523**; DE 602005017534 T 20050523; JP 2005053808 A 20050228; KR 20050042907 A 20050523