

Title (en)

Apparatus for determining status of weft insertion and weft insertion controller in jet loom

Title (de)

Vorrichtung zur Bestimmung des Schusseintrags und Schusseintragsteuerung in einer Düsenwebmaschine

Title (fr)

Appareil pour déterminer le statut d'une insertion de trame et contrôleur d'insertion de trame dans une machine à tisser à jet d'air

Publication

EP 2400050 B1 20160504 (EN)

Application

EP 11170844 A 20110622

Priority

JP 2010146236 A 20100628

Abstract (en)

[origin: EP2400050A2] Apparatus for determining status of weft insertion in a jet loom including weft arrival detection means (25) for detecting a weft inserted by injection of fluid is provided. The apparatus comprises clock means (K) for measuring a weft flying period (t1(s)) from the start time of insertion of a weft to the arrival time of the weft; and converting means (Co) for converting the weft flying period (t1(s)) into a weft flying angle (t1(t)) at standard rotational speed (R) of a weaving machine using the weft flying period (t1(s)) measured by the clock means and the standard rotational speed (R).

IPC 8 full level

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CPC (source: EP)

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