

Title (en)

Loom with warp feeding device and warp feeding method

Title (de)

Kettfadenzuführverfahren und Webmaschine mit Kettfadenzuführvorrichtung

Title (fr)

Procédé d'alimentation de chaîne et métier à tisser avec dispositif d'alimentation de chaîne

Publication

EP 2479326 B1 20150610 (EN)

Application

EP 12000037 A 20120104

Priority

JP 2011010858 A 20110121

Abstract (en)

[origin: EP2479326A2] A warp feeding method in a loom in which a let-off device (5) and a take-up device (8) have a let-off motor (5c) and a take-up motor (8c) as driving sources, respectively, is provided. The let-off motor (5c) and the take-up motor (8c) are independent of a main driving motor of the loom. The method includes the steps of performing a warp feeding operation by driving the let-off motor (5c) and the take-up motor (8c) while the main driving motor is stopped; during the warp feeding operation, detecting a tension of a warp; comparing a warp tension value that is based on the detection with a previously set reference value of the tension of the warp; and if the warp tension value is not the reference value, performing tension control for returning the tension of the warp to the reference value in accordance with a previously set control mode in which the let-off motor (5c) and the take-up motor (8c) are control objects.

IPC 8 full level

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CPC (source: EP)

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Cited by

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