

Title (en)

Method to control the weft transfer in a loom

Title (de)

Verfahren zur Schlussfadenüberwachung in einer Webmaschine

Title (fr)

Procédure de contrôle de fil de trame dans un métier à tisser

Publication

EP 1502979 B1 20080305 (DE)

Application

EP 03017041 A 20030728

Priority

EP 03017041 A 20030728

Abstract (en)

[origin: EP1502979A1] A weaving loom has a blade (1) with a light sensor (10) monitoring the position of a weft thread (4) during insertion. After the thread has been inserted and captured by a post (3), the blade advances the thread to the end-stop (7). During the blade advance the weft thread passes through the light sensor beam, causing a change in the quantity of light detected which is then converted into a signal pulse. If the signal pulse is absent at a pre-determined moment, or if its amplitude is outside a given range, the weft thread is faulty. The measurement is taken when insertion of the weft thread is complete in a projectile weaving loom or a rapier loom.

IPC 8 full level

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CPC (source: EP)

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Cited by

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