

Title (en)

Weaving loom having the warp beam driven by two actuators

Title (de)

Webmaschine mit einem durch zwei Aktuatoren angetriebenen Kettbaum

Title (fr)

Métier à tisser avec ensouple à chaîne entraînée par deux actionneurs

Publication

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Application

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Priority

IT MI982810 A 19981223

Abstract (en)

In a weaving loom of the type in which the warp yarns (F) - which are wound onto the beam (1) and directed towards the fabric forming zone of the loom - are unwound by means of slow rotation of the beam (1) itself and are kept at a controlled tension along their section between the yarn carrier and the fabric pulling device, said beam (1) is driven at each of its ends (5,6) by a corresponding actuator (3,4), said actuators (3,4), located on the sides of the loom, performing a combined driving of the beam (1), so as to ensure controlled tension of the warp yarns (F). Advantageously said actuators (3,4) are electric motors controlled electronically by sensors which detect the tension of the warp yarns and by a network for processing the associated signals.

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