

Title (en)

CONTROL SYSTEM FOR WEAVING LOOMS AND DEEP LEARNING METHOD

Title (de)

STEUERUNGSSYSTEM FÜR WEBMASCHINEN UND TIEFENLERNVERFAHREN

Title (fr)

SYSTÈME DE COMMANDE POUR MÉTIERS À TISSER ET PROCÉDÉ D'APPRENTISSAGE PROFOND

Publication

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Application

EP 17809049 A 20170912

Priority

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- IT 2017000191 W 20170912

Abstract (en)

[origin: WO2018051378A1] Described is a control system for weaving looms, comprising one or more motors (1; M1, M2) for actuating a weaving machine (8) and a shedding machine (7), which constitute a loom, wherein the weaving machine (8) and the shedding machine (7) include respective devices designed for sending continuous signals relating to the respective position and operational status to a control system (C), so that the control system (C) is able to collect the operational data of the loom, such as the number and type of stops, the weaving speed, the discontinuity/quality of the fabric, etc., if necessary communicating with other control systems, to compare the data with a database containing theoretical operating data based on the features of the yarns and fabrics in production, and deciding autonomously whether to modify the loom operating parameters set at startup, such as the driving speed, the phasing between the weaving machine (8) and the shedding machine (7), the start ramp, etc.

IPC 8 full level

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