

Title (en)
METHOD AND DEVICE FOR CHANGING THE DYNAMIC BEHAVIOUR OF A BACK REST OF A WEAVING MACHINE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VERÄNDERUNG DES DYNAMISCHEN VERHALTENS EINES STREICHBALKENS EINER WEBMASCHINE

Title (fr)
PROCÉDÉ ET DISPOSITIF DE MODIFICATION DU COMPORTEMENT DYNAMIQUE D'UNE BARRE DE CARDAGE D'UN MÉTIER À TISSER

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Application
EP 17755454 A 20170810

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Abstract (en)
[origin: WO2018041592A1] The invention relates to a method for changing the dynamic behaviour of a back rest of a weaving machine, and to a weaving machine having a back rest, wherein the back rest contains at least one deflecting element (2) for deflecting warp threads (1), wherein the deflecting element (2) is connected to the weaving machine via one or more spring elements in such a way that, when forces are applied to the deflecting element (2) via the warp threads (1), inertia forces and spring forces become active on the deflecting element (2). The inert mass acting on the deflecting element (2) is changed in order to adapt the dynamic behaviour of the back rest to altered weaving conditions in that parts of the deflecting element (2) or parts which are connected to the deflecting element (2) are replaced, removed or supplemented.

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