

Title (en)
DISTANCE FABRIC, A METHOD OF FORMING THE DISTANCE FABRIC AND A WEAVING MACHINE FOR PERFORMING THE METHOD

Title (de)
ABSTANDSGEWEBE, VERFAHREN ZUR HERSTELLUNG DES ABSTANDSGEWEBES UND WEBMASCHINE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
TISSU DE DISTANCE, PROCÉDÉ DE FORMATION DU TISSU DE DISTANCE ET MÉTIER À TISSER POUR LA MISE EN OEUVRE DUDIT PROCÉDÉ

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Application
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Abstract (en)
[origin: WO2019192631A1] The present invention relates to a distance fabric including two outer fabrics (T1, T2) and a plurality of binding threads (200) connected to the outer fabrics (T1, T2) and arranged between the outer fabrics (T1, T2), wherein the outer fabrics (T1, T2) constitute a hollow part (TA) of the distance fabric filled with loops of binding threads (200) and are on both sides terminated by selvages (TB), which are at the edges mutually connected by the outer selvages (TC) closing the cavity of the distance fabric (T). The invention further relates to a method of forming a distance fabric, in which during the interruption of weaving after the crossing of binding warp threads (2) in a shed (P), a pulling means of the binding warp threads (2) is inserted into the shed (P) and, after the formation of the loops of binding threads (200), is displaced into a gap (TO) between the upper outer fabric (T1) and the lower outer fabric (T2) by one half of the length of the binding threads (200) in the fabric take-up motion direction and the weaving cycle is started and after a pre-set number of picked and woven wefts (5) the weaving cycle is interrupted and the pulling means of the binding warp threads (2) returns into the shed (P), moving against the fabric take-up motion, whereupon the pulling means of the binding warp threads (2) is taken out from the shed (P) on one side and after the crossing of the binding warp threads (2) in the shed (P), manipulating bar (71) of the means (7) for pulling out the binding warp threads (2) is reinserted into the shed (P). In addition, the present invention relates to a weaving machine for performing this method.

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