

Title (en)

A WEAVING MACHINE SYSTEM FOR PULLING BINDING WARP YARNS FROM A SHED INTO A GAP BETWEEN THE UPPER AND LOWER OUTER FABRICS OF A DISTANCE FABRIC

Title (de)

WEBMASCHINENSYSYSTEM ZUM ZIEHEN VON BINDEKETTFÄDEN AUS EINEM WEBFACH IN EINEN SPALT ZWISCHEN DEM OBEREN UND UNTEREN GEWEBE EINES ABSTANDSGEWEBES

Title (fr)

SYSTÈME DE MÉTIER À TISSER POUR TIRER DES FILS DE CHÂÎNE DE LIAISON D'UNE FOULE DANS UN ESPACE ENTRE LES TISSUS EXTÉRIEURS SUPÉRIEUR ET INFÉRIEUR D'UN TISSU DE DISTANCE

Publication

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Application

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Abstract (en)

[origin: WO2019192632A1] The invention relates to a weaving machine system for pulling binding warp yarns (2) out of a shed into a gap (TO) between an upper outer fabric (T1) and a lower outer fabric (T2) of a distance fabric during formation of loops of binding yarns by means of a manipulating bar (4) which is coupleable to at least two electromagnets (5) arranged reversibly displaceably above the upper outer fabric (T1) in the direction of the take-up motion of the distance fabric (T) and back. The manipulating bar (4) is provided with permanent magnets (44) at the points at which it is coupleable to the electromagnets (5), the permanent magnets being arranged in Halbach arrays (440), whereby the electromagnets (5) are in the lower part provided with a sliding part (55) made of non-magnetic material, in which the pole pieces (53 a 54) of the respective electromagnet (5) are terminated.

IPC 8 full level

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