

Title (en)

CARRIER FOR INSERTING A WEFT YARN INTO THE SHED OF A WEAVING DEVICE

Title (de)

TRÄGER ZUM EINTRAGEN EINES SCHUSSFADENS IN DAS FACH EINER WEBVORRICHTUNG

Title (fr)

SUPPORT POUR L'INSERTION DE FIL DE TRAME DANS LE PAS D'UNE MACHINE A TISSER

Publication

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Application

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Abstract (en)

[origin: WO2005111286A1] The invention relates to a carrier (20) for inserting a weft yarn (22) into the shed of a weaving device by means of insertion means disposed on one side or on both sides of the shed, which carrier (20) at least partially surrounds the weft yarn (22), which weft yarn (22) extends into an elongated weft yarn (22) from an pull-out opening in the carrier upon insertion into the shed, the circumferential surface of said carrier being provided with means that advance the transmission of air by the carrier. The object of the invention to provide a carrier for inserting a weft yarn into the shed of a weaving device, which can be characterized by an improved aerodynamic behavior and consequently a more stable movement through the shed during the "shot", with a strongly reduced risk of weaving faults. According to the invention, the air transmitting area of the pull-out opening is smaller than or equal to the air transmitting area of the means in the circumferential surface of the carrier that advances the transmission of air.

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