

Title (en)

METHOD AND DEVICE FOR CRIMPING A MULTI-THREADED YARN IN A STUFFERBOX

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STAUCHKRAEUSELN EINES MULTIFILEN FADENS

Title (fr)

PROCEDE ET DISPOSITIF POUR FRISER UN FIL MULTIFILAMENT DANS UNE BOÎTE DE BOURRAGE

Publication

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Application

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Abstract (en)

[origin: WO2006076933A1] The invention relates to a method and to a device for crimping a multi-threaded yarn. After extruding a plurality of filaments, the multi-threaded yarn is guided to the crimping chamber, through the yarn channel by means of a conveying fluid and is crimped in the crimping chamber in order to form a thread plug. Said thread plug is detached by withdrawing the crimped yarns. At least one parameter is continuously detected in order to monitor crimping. According to the invention, a structure-borne noise, which is produced in a wall of the yarn channel and /or in a wall of the crimping chamber, is measured as a characteristic value in order to take into account the interaction of several process parameters during crimping. A structure-born noise housing is arranged on a housing component of the compression chamber.

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