

Title (en)
CABLED CARBON-FIBRE THREAD

Title (de)
KABLIERTES KOHLENSTOFFFASERGARN

Title (fr)
FIL EN FIBRES DE CARBONE CABLE

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Application
EP 04765445 A 20040921

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Abstract (en)
[origin: WO2006018036A1] The invention relates to a thread consisting of at least two continuous strands of carbon fibre that are twisted around one another, the carbon fibres of the strands running approximately parallel to the thread direction. The invention also relates to a thread consisting of at least two continuous strands of carbon fibre that are twisted around one another, which is produced by direct cabling. The invention further relates to a method for the production of a thread of this type, according to which at least two strands consisting of continuous carbon fibres are twisted around one another by direct cabling. In said method the assembly eyelet is configured by an eyelet with a radius of at least 4 mm in the area of contact between the strands and the assembly eyelet. The inventive thread is preferably used as sewing thread or thread for reinforcing polymers, elastomers, rubber or concrete.

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