

Title (en)

METHOD AND DEVICE FOR PRODUCING A ROD-SHAPED ELEMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINES STABFÖRMIGEN ELEMENTES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR PRODUIRE UN ÉLÉMENT EN FORME DE TIGE

Publication

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Application

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Abstract (en)

[origin: WO2020157226A1] The invention relates to a method for producing a rod-shaped element. The aim of the invention is to provide a method by means of which a rod-shaped element can be produced which overcomes at least one of the disadvantages of the rod-shaped elements known from the prior art. This aim is achieved, according to the invention, in that the method comprises the steps of providing a tube made of a metal, wherein the tube has a longitudinal direction; providing at least one strand having a plurality of threads, wherein at least one of the threads has carbon fibers; introducing the at least one strand into the tube such that the at least one strand extends in the longitudinal direction in the tube; and cold forming the tube, together with the at least one strand, by means of a forming tool, such that an outside diameter of the tube before the cold forming is greater than the outside diameter of the tube after the cold forming.

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