

Title (en)

METHOD FOR PRODUCING A STRAND FROM STAINLESS STEEL, AND STRAND MADE OF STAINLESS STEEL

Title (de)

VERFAHREN ZUM HERSTELLEN EINES STRANGS AUS EDELSTAHL SOWIE STRANG AUS EDELSTAHL

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE BARRE D'ACIER FIN ET BARRE D'ACIER FIN

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Application

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Abstract (en)

[origin: WO2016131748A1] The invention relates to a method for producing a strand from stainless steel by cold-forming a bloom into the cold-hardened strand and subsequently annealing the strand. The aim of the invention is to provide a corresponding method for producing a strand from stainless steel, said method allowing stainless steel strands to be produced which have both a high tensile strength as well as a high degree of elongation. According to the invention, this is achieved in that the strand is heated to a temperature ranging from 400 °C to 460 °C while the strand is being annealed, and the cold-hardened strand is surrounded by a protective gas atmosphere during the heating process.

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Citation (search report)

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