

Title (en)

WIRE ROD, HYPEREUTECTOID BAINITE STEEL WIRE, AND METHOD FOR MANUFACTURING SAME

Title (de)

WALZDRAHT, HYPEREUTEKTOIDER BAINITSTAHL DRAHT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

FIL MACHINE, CÂBLE D'ACIER À BAINITE HYPEREUTECTOÏDE, ET PROCÉDÉ DE FABRICATION CORRESPONDANT

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Application

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Abstract (en)

A wire rod according to the present invention includes a predetermined chemical composition, wherein a metal structure includes 90 area% to 100 area% of bainite, wherein when eight test pieces having a length of 400 mm, which are obtained by dividing a wire rod having a length of 3200 mm into eight components having a same length, are manufactured, an average tensile strength TS of each test pieces satisfies a relation of "[TS]#810×[C]+475" by N/mm², wherein a difference between a maximum value and a minimum value of the tensile strengths of each test pieces is 50 N/mm² or less, and wherein an average reduction of area RA of each test pieces satisfies a relation of "[RA]#¥-0.083×[TS]+154" by %.

IPC 8 full level

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