Title (en)

WIRE ROD FOR SPRINGS WITH EXCELLENT CORROSION FATIGUE RESISTANCE, STEEL WIRE, AND MANUFACTURING METHOD THEREOF

Title (de)

WALZDRAHT FÜR FEDERN MIT HERVORRAGENDER KORROSIONSERMÜDUNGSBESTÄNDIGKEIT, STAHLDRAHT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

FIL MACHINE POUR RESSORTS À EXCELLENTE RÉSISTANCE À LA FATIGUE PAR CORROSION, FIL D'ACIER ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 17877467 A 20171206

Priority

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Abstract (en)

One aspect of the present invention relates to a wire rod for springs with high strength and excellent corrosion fatigue resistance, in which a combination of Cr, Cu, and Ni content is controlled to an appropriate level, the maximum depth of corrosion pits is set to be below a certain level, and fine carbides containing Mo are set to be at a certain level or greater.

IPC 8 full level

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