

Title (en)  
NICKEL-CHROMIUM ALLOY

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Application  
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Abstract (en)  
[origin: EP0109350A2] The present invention provides a nickel-chromium alloy in which it has an excellent mechanical character and improves a pitting corrosion resistance, a stress corrosion cracking resistance and a crystal boundary etching resistance, and the Ni-Cr alloy is obtained by carrying out an annealing treatment under required conditions, said alloy having the following composition: in terms of by weight, 40 - 70% of Ni; 0.015% or less of C; 1.0% or less of Si; 25 - 35% of Cr; 1.0% or less of Mn; 0.030% or less of P; 0.020% or less of S and the residue comprising Fe and impurities. i

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Citation (examination)  
• DE 2809081 A1 19780914 - HITACHI LTD  
• FR 2507630 A1 19821217 - SUMITOMO METAL IND [JP]  
• FR 483744 A 19170802 - DRIVER HARRIS WIRE COMPANY [US]

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