

Title (en)
NICKEL-CHROMIUM ALLOY

Publication
EP 0109350 A3 19870826 (EN)

Application
EP 83730106 A 19831109

Priority
• JP 10409483 A 19830613
• JP 10409583 A 19830613
• JP 15642783 A 19830829
• JP 19736282 A 19821110

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

IPC 1-7
C22C 19/05; **C22F 1/10**

IPC 8 full level
C22C 19/05 (2006.01); **C22F 1/10** (2006.01)

CPC (source: EP)
C22C 19/05 (2013.01); **C22F 1/10** (2013.01)

Citation (search report)
• GB 483744 A 19380426 - WILLIAM SPENCER PERCIVAL
• FR 2001576 A1 19690926 - INT NICKEL LTD
• US 3303531 A 19670214 - JOSEPH OGDEN

Cited by
EP1433864A3; US4877465A; EP0261880A3; US5211911A; EP0561488A3; EP1408130A1; FR2845098A1; EP0235075A3; EP0398761A1; CN115247225A; EP0421705A1; CN103597105A; AU2012262929B2; EP3045552A1; RU2607682C2; AU2016200033B2; US11111552B2; US10422027B2; US7799152B2; US9796005B2; US10502252B2; WO2012166295A3; WO2008021650A3; US9624567B2; US9777361B2; US10370751B2; US8722062B2; US9765420B2; US10144999B2; US10337093B2; US10094003B2; US10619226B2; US10808298B2; US11319616B2; US10053758B2; US10435775B2; US10513755B2; US9616480B2; US9869003B2; US10287655B2; US10570469B2

Designated contracting state (EPC)
DE FR SE

DOCDB simple family (publication)
EP 0109350 A2 19840523; **EP 0109350 A3 19870826**; **EP 0109350 B1 19911016**; DE 3382433 D1 19911121; DE 3382737 D1 19940310; DE 3382737 T2 19940519

DOCDB simple family (application)
EP 83730106 A 19831109; DE 3382433 T 19831109; DE 3382737 T 19831109