

Title (en)

WROUGHT NICKEL-BASE ALLOY AND PROCESS FOR ITS THERMAL TREATMENT

Publication

EP 0136998 B1 19880406 (DE)

Application

EP 84890149 A 19840807

Priority

AT 288783 A 19830810

Abstract (en)

[origin: EP0136998A1] 1. A wrought nickel-based alloy with the alloy constituents C, Si, Mn, Cr, Mo, Cu, Ti and Fe, characterized in that it comprises max. 0.1% C, max. 1% Si, max. 1.5% Mn, 36.5 to 46.0% Ni, 18.5 to 26.0% Cr, 1.0 to 4.0% Mo, 1.0 to 4.0% Cu, 1.35 to 2.60% Ti, optionally up to 0.7% Al, and/or 0.3 to 1.2% Nb/Ta, and the rest essentially Fe and impurities determined by production.

IPC 1-7

C22C 30/00

IPC 8 full level

C22C 30/00 (2006.01); **C22C 30/02** (2006.01)

CPC (source: EP)

C22C 19/051 (2013.01); **C22C 30/02** (2013.01); **C22F 1/08** (2013.01); **C22F 1/10** (2013.01)

Cited by

CN106715008A; EP0812926A1; RU2730916C2; CN104451339A; JPWO2017168904A1; CN105483494A; CN113584381A; EP0601915A1; FR2698883A1; AU666784B2; DE102020132909A1; US11780010B2; WO2015197751A1; WO2017168904A1

Designated contracting state (EPC)

AT DE FR NL SE

DOCDB simple family (publication)

EP 0136998 A1 19850410; EP 0136998 B1 19880406; AT E33404 T1 19880415; DE 3470329 D1 19880511

DOCDB simple family (application)

EP 84890149 A 19840807; AT 84890149 T 19840807; DE 3470329 T 19840807