

Title (en)

Nickel/titanium/niobium shape memory alloy and article.

Publication

EP 0185452 A1 19860625 (EN)

Application

EP 85308079 A 19851106

Priority

US 66877784 A 19841106

Abstract (en)

Disclosed are a group of nickel,titanium/niobium alloys wherein the niobium varies from about 2.5 to 30 atomic percent. Also disclosed is an article made from these nickel/titanium/niobium alloys.

IPC 1-7

C22C 19/00; **C22C 30/00**

IPC 8 full level

C22C 19/00 (2006.01); **C22C 19/03** (2006.01); **C22C 30/00** (2006.01)

CPC (source: EP)

C22C 19/007 (2013.01)

Citation (search report)

- [A] US 3662455 A 19720516 - ANDERSON GLENN A
- [X] CHEMICAL ABSTRACTS, vol. 100, no. 20, 14th May 1984, page 256, no. 160692p, Columbus, Ohio, US; & JP - A - 58 157 934 (HITACHI METALS LTD.) 20-09-1983
- [A] METALS ABSTRACTS, vol. 17, 1984, no. 11-0466; S.G. FEDOTOV et al.: "The effect of complex alloying on the temperature range of the martensitic transformation in titanium nickel intermetallics", & IZV. AKAD. NAUK SSSR, MET. 1983, (4), 106-107

Cited by

US4872713A; US6428634B1; WO2004091680A1; WO9527092A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0185452 A1 19860625; **EP 0185452 B1 19930526**; AT E89871 T1 19930615; CA 1259826 A 19890926; DE 3587365 D1 19930701; DE 3587365 T2 19930902; JP 2539786 B2 19961002; JP S61119639 A 19860606

DOCDB simple family (application)

EP 85308079 A 19851106; AT 85308079 T 19851106; CA 494651 A 19851105; DE 3587365 T 19851106; JP 24991685 A 19851106