

Title (en)

MEMORY ALLOY BASED ON A HIGHLY CUPRIFEROUS OR NICKELOUS MIXED CRYSTAL

Publication

EP 0035070 B1 19850515 (DE)

Application

EP 80200185 A 19800303

Priority

EP 80200185 A 19800303

Abstract (en)

[origin: US4389250A] Fine grained copper-based or nickel-based memory alloys having a matrix of beta -high temperature phase with metal oxide particles dispersed in the matrix which act to retard grain growth have improved mechanical characteristics such as elongation, toughness and workability, compared to cast and worked alloys. These alloys are produced by powder metallurgy.

IPC 1-7

C22C 9/01; **C22C 19/03**; **C22C 1/04**

IPC 8 full level

C22C 1/04 (2006.01); **C22C 1/10** (2006.01); **C22C 32/00** (2006.01); **C22F 1/00** (2006.01)

CPC (source: EP US)

C22C 1/0425 (2013.01 - EP US); **C22C 32/0021** (2013.01 - EP US); **C22F 1/006** (2013.01 - EP US)

Citation (examination)

- EP 0035601 A1 19810916 - BBC BROWN BOVERI & CIE [CH]
- EP 0035602 A1 19810916 - BBC BROWN BOVERI & CIE [CH]

Designated contracting state (EPC)

BE CH DE FR GB IT SE

DOCDB simple family (publication)

EP 0035070 A1 19810909; **EP 0035070 B1 19850515**; DE 3070639 D1 19850620; JP S56136943 A 19811026; US 4389250 A 19830621

DOCDB simple family (application)

EP 80200185 A 19800303; DE 3070639 T 19800303; JP 2850281 A 19810302; US 23964681 A 19810302