

Title (en)
METHOD FOR IMPARTING STRENGTH TO INTERMETALLIC PHASES

Publication
EP 0175130 B1 19880427 (EN)

Application
EP 85110021 A 19850808

Priority
US 64732784 A 19840904

Abstract (en)
[origin: EP0175130A1] A substantial increase in strength of a boron doped nickel aluminide is achieved by employing a substituent metal in the Ni3Al composition to replace a part of the aluminum. Vanadium and silicon are successfully substituted for a portion of the aluminum to provide a composition: (Ni0.75Al0.20X0.05)99B1 where X is selected from the group consisting of vanadium or silicon.

IPC 1-7
C22C 19/00

IPC 8 full level
C22C 1/02 (2006.01); **C22C 19/03** (2006.01); **C22C 45/04** (2006.01)

CPC (source: EP)
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Cited by
CN104018015A; EP0217299A3; CH669396A5; US4820354A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0175130 A1 19860326; EP 0175130 B1 19880427; DE 3562388 D1 19880601; IL 75694 A0 19851129; IL 75694 A 19880930;
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