

Title (en)  
INTERMETALLIC COMPOUND AND ITS USE

Publication  
**EP 0284699 B1 19900801 (DE)**

Application  
**EP 87810140 A 19870311**

Priority  
CH 87687 A 19870310

Abstract (en)  
1. Material consisting of an intermetallic compound of the formula AB or AB<sub>2</sub>, characterised thereby, that a) A=Fe or Co or Ni or Pd or Pt or Au or a mixture of these elements, wherein each of these elements can be replaced by Cu to up to 15 atom-percent and B=Al or Ga or In or Si or a mixture of these elements, wherein A can be present in an excess of up to 15 atom-percent above the stoichiometric value and the material may contain up to 1 atom-percent of impurities or foreign substances, b) that it has a cubic structure either of the type B2 or of the type C1 and c) that it displays a grain size of less than 50 micrometres.

IPC 1-7  
**A44C 27/00**; **C22C 5/02**; **C22C 5/04**

IPC 8 full level  
**A44C 27/00** (2006.01); **C22C 5/02** (2006.01); **C22C 5/04** (2006.01); **C22C 19/00** (2006.01); **C22C 38/00** (2006.01)

CPC (source: EP US)  
**A44C 27/002** (2013.01 - EP US); **C22C 5/02** (2013.01 - EP US); **C22C 5/04** (2013.01 - EP US)

Cited by  
EP2402467A1; EP0421731A1; AU616739B2; US6242104B1; WO9715694A1; WO2012000803A2

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0284699 A1 19881005**; **EP 0284699 B1 19900801**; DE 3764087 D1 19900906; JP S63235438 A 19880930; US 4911762 A 19900327

DOCDB simple family (application)  
**EP 87810140 A 19870311**; DE 3764087 T 19870311; JP 5507688 A 19880310; US 15932688 A 19880223