

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 AB₂, 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
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