

Title (en)
Intermetallic TiAl-Ti3Al composite materials.

Title (de)
Intermetallische TiAl-Ti3Al-Verbundwerkstoffe.

Title (fr)
Matériaux composites intermétalliques TiAl-Ti3Al.

Publication
EP 0365174 B1 19950301 (EN)

Application
EP 89310088 A 19891003

Priority
JP 25116988 A 19881005

Abstract (en)
[origin: EP0365174A1] A TiAl-Ti3Al composite material having improved mechanical strength and ductility in which Al is contained in the range of 33 to 35% by weight percentage, the balance is substantially Ti, and TiAl-intermetallic compound contains Ti3Al-intermetallic compound in the range of 10 to 35% by volume percentage.

IPC 1-7
C22C 14/00

IPC 8 full level
C22C 14/00 (2006.01)

CPC (source: EP)
C22C 14/00 (2013.01)

Cited by
US5540792A; US5232661A; US5348702A; US5370839A; US5518690A; US5648045A; US5846351A; US6294130B1; US6425964B1; WO9323582A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
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