

Title (en)
Tantalum-containing nickel base superalloy

Title (de)
Nickelsuperlegierung mit Tantal

Title (fr)
Une superalliage avec tantale

Publication
EP 0924309 A2 19990623 (EN)

Application
EP 98309980 A 19981204

Priority
US 99190097 A 19971217

Abstract (en)
A tantalum-containing nickel base superalloy strengthened by gamma precipitates has greatly improved temperature capability, with a fatigue cracking resistance substantially independent of the fatigue frequency and waveform up to about 1500 DEG F. <IMAGE>

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C22C 19/05

IPC 8 full level
C22C 1/04 (2006.01); **C22C 19/05** (2006.01)

CPC (source: EP)
C22C 1/0433 (2013.01); **C22C 19/056** (2013.01)

Cited by
EP2103700A1; EP2256222A1; CN101899594A; CN115821117A; EP2256223A1; JP2010280986A; CN101899595A; CN104946933A; US8992700B2; US7993101B2; WO2009112380A1; US8992699B2; US9518310B2; JP2010275636A

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