

Title (en)  
High-temperature-resistant cobalt-base superalloy

Title (de)  
Hochtemperaturbeständige Kobaltbasis-Superlegierung

Title (fr)  
Support d'enregistrement d'informations optiques, substrat et procédé de fabrication pour le support d'enregistrement d'informations optiques

Publication  
**EP 2163656 B1 20111228 (DE)**

Application  
**EP 09168496 A 20090824**

Priority  
CH 14332008 A 20080908

Abstract (en)  
[origin: EP2163656A1] A cobalt-base super alloy contains (in wt.%) tungsten (25-28, preferably 26), aluminum (3-8, preferably 3.4), tantalum (0.5-6, preferably 5.1), molybdenum (0-3, preferably 2.8), carbon (0.01-0.2, preferably 0.2 or 0.02), hafnium (0.01-0.1, preferably 0.1 or 0.02), boron (0.001-0.05, preferably 0.05 or 0.002), silicon (0.01-0.1, preferably 0.1 or 0.01) and remainder of cobalt, and unavoidable impurities.

IPC 8 full level  
**C22C 19/07** (2006.01)

CPC (source: EP US)  
**C22C 19/07** (2013.01 - EP US)

Cited by  
WO2015082518A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2163656 A1 20100317; EP 2163656 B1 20111228**; AT E539174 T1 20120115; CA 2677574 A1 20100308; CA 2677574 C 20161025; CH 699456 A1 20100315; CN 101671785 A 20100317; CN 101671785 B 20170412; JP 2010065319 A 20100325; US 2010061883 A1 20100311; US 8764919 B2 20140701

DOCDB simple family (application)  
**EP 09168496 A 20090824**; AT 09168496 T 20090824; CA 2677574 A 20090903; CH 14332008 A 20080908; CN 200910173389 A 20090908; JP 2009201623 A 20090901; US 55462409 A 20090904