

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)
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Cited by
WO2015082518A1

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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

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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