

Title (en)  
COBALT BASED ALLOY

Title (de)  
KOBALTBASISSUPERLEGIERUNG

Title (fr)  
ALLIAGE A BASE DE COBALT

Publication  
**EP 3175008 B1 20181017 (DE)**

Application  
**EP 15750314 A 20150731**

Priority  
• DE 102014011249 A 20140801  
• EP 2015067697 W 20150731

Abstract (en)  
[origin: WO2016016437A2] The invention relates to a cobalt-based super alloy comprising 32 - 45 wt.-% Co, 28 - 40 wt.-% Ni, 10 - 15 wt.-% Cr, 2.5 - 5.5 wt.-% Al, 6.5 - 16 wt.-% W, 0 - 9 wt.-% Ta, 0 - 8 wt.-% Ti, 0.1 - 1 wt.-% Si, 0 - 0.5 wt.-% B, 0 - 0.5 wt.-% C, 0 - 2 wt.-% Hf, 0 - 0.1 wt.-% Zr, 0 - 8 wt.-% Fe, 0 - 6 wt.-% Nb, 0 - 7 wt.-% Mo, 0 - 4 wt.-% Ge and to a group of unavoidable impurities.

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

CPC (source: EP US)  
**C22C 30/00** (2013.01 - EP US); **C22C 19/07** (2013.01 - EP US)

Cited by  
CN113684398A

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2016016437 A2 20160204; WO 2016016437 A3 20160407**; EP 3175008 A2 20170607; EP 3175008 B1 20181017;  
US 2017342527 A1 20171130

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**EP 2015067697 W 20150731**; EP 15750314 A 20150731; US 201515500992 A 20150731