

Title (en)

ALUMINIUM OXIDE FORMING NICKEL BASED ALLOY

Title (de)

ALUMINIUMOXID BILDENDE LEGIERUNG AUF NICKELBASIS

Title (fr)

ALLIAGE À BASE DE NICKEL FORMANT DE L'OXYDE D'ALUMINIUM

Publication

**EP 2367963 A4 20151028 (EN)**

Application

**EP 09827818 A 20091106**

Priority

- SE 2009051266 W 20091106
- SE 0802429 A 20081119

Abstract (en)

[origin: WO2010059105A1] Nickel based alloy intended for use at high temperatures wherein it comprises in percent by weight (wt-%) C 0.05-0.2 Si max 1.5 Mn max 0.5 Cr 15-20 Al 4-6 Fe 15-25 Co max 10 N 0.03-0.15 O max 0.5 one or more elements selected from the group consisting of Ta, Zr, Hf, Ti and Nb 0.25-2.2 one or more elements selected from the group consisting of REM max 0.5 balance Ni and normally occurring impurities.

IPC 8 full level

**C22C 19/05** (2006.01)

CPC (source: EP US)

**B22F 3/02** (2013.01 - US); **B22F 3/15** (2013.01 - US); **C22C 1/0433** (2013.01 - US); **C22C 19/05** (2013.01 - EP US); **C22C 19/058** (2013.01 - US); **Y10T 428/12** (2015.01 - EP US)

Citation (search report)

- [A] US 4261767 A 19810414 - DAVIDSON JAMES H
- [A] WO 9527804 A1 19951019 - HOSKINS MFG CO [US]
- See references of WO 2010059105A1

Cited by

WO2017198831A1

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)

**WO 2010059105 A1 20100527**; AU 2009318183 A1 20100527; AU 2009318183 B2 20140410; BR PI0922060 A2 20160531; BR PI0922060 A8 20170516; BR PI0922060 B1 20220419; CA 2743129 A1 20100527; CA 2743129 C 20171024; CN 102216479 A 20111012; CN 102216479 B 20141126; EP 2367963 A1 20110928; EP 2367963 A4 20151028; EP 2367963 B1 20160629; ES 2593077 T3 20161205; JP 2012509407 A 20120419; JP 5596697 B2 20140924; KR 101646296 B1 20160805; KR 20110084535 A 20110725; PL 2367963 T3 20161230; RU 2011124959 A 20121227; RU 2518812 C2 20140610; UA 100460 C2 20121225; US 2011250463 A1 20111013; US 2015275334 A1 20151001

DOCDB simple family (application)

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