

Title (en)
NICKEL-BASED ALLOY

Title (de)
NICKELBASISLEGIERUNG

Title (fr)
ALLIAGE À BASE DE NICKEL

Publication
EP 2047004 B1 20110518 (DE)

Application
EP 07785601 A 20070706

Priority
• DE 2007001203 W 20070706
• DE 102006035111 A 20060729

Abstract (en)
[origin: US2010003163A1] Nickel-based alloy, consisting of (in % by mass) Al 1.2-<2.0% Si 1.2-<1.8% C 0.001-0.1% S 0.001-0.1% Cr 0.03-0.1% Mn 0.03-0.1% Cu max. 0.1% Fe 0.02-0.2% Mg 0.005-0.06% Pb max. 0.005% Y 0.05-0.15% and Hf 0.05-0.10% or Y 0.05-0.15% and La 0.05-0.10% or Y 0.05-0.15% and Hf 0.05-0.10% and La 0.05-0.10% Ni remainder together with manufacturing-related impurities.

IPC 8 full level
C22C 19/05 (2006.01); **C22C 19/03** (2006.01)

CPC (source: EP US)
C22C 19/03 (2013.01 - EP US); **C22C 19/058** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2010003163 A1 20100107; AT E510034 T1 20110615; BR PI0715515 A2 20130305; BR PI0715515 B1 20150804;
DE 102006035111 A1 20080207; DE 102006035111 B4 20100114; EP 2047004 A1 20090415; EP 2047004 B1 20110518;
JP 2009544855 A 20091217; JP 5273620 B2 20130828; MX 2009000987 A 20090206; PL 2047004 T3 201111031; RU 2399690 C1 20100920;
WO 2008014741 A1 20080207

DOCDB simple family (application)
US 30977507 A 20070706; AT 07785601 T 20070706; BR PI0715515 A 20070706; DE 102006035111 A 20060729;
DE 2007001203 W 20070706; EP 07785601 A 20070706; JP 2009522080 A 20070706; MX 2009000987 A 20070706; PL 07785601 T 20070706;
RU 2009107229 A 20070706