

Title (en)
NICKEL-BASED ALLOY

Title (de)
NICKELBASISLEGIERUNG

Title (fr)
ALLIAGE À BASE DE NICKEL

Publication
EP 2047004 A1 20090415 (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)

Citation (search report)
See references of WO 2008014741A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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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 20111031; RU 2399690 C1 20100920;
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