

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)
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