

Title (en)
Nickel-base superalloy

Title (de)
Nickel-Basis-Superlegierung

Title (fr)
Superaliage à base de nickel

Publication
EP 1914327 A1 20080423 (EN)

Application
EP 06021724 A 20061017

Priority
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Abstract (en)
The invention relates to nickel-base superalloy comprising in wt%, especially consisting of: Co + Fe + Mn 0 - 20, Al 4 - 6, Cr >12 - 20, Ta >7.5 - 15, Ti 0 - <0.45, V 0 - 1, Nb 0 - <0.28, Mo 0 - 2.5, Mo + W + Re + Rh 2 - 8, Ru + Os + Ir + Pt + Pd 0 - 4, Hf 0 - 1.5, C + B + Zr 0 - 0.5, Ca + Mg + Cu 0 - 0.5, Y + La + Sc + Ce + Actinides + Lanthanides 0 - 0.5 Si 0 - 0.5 Ni balance and unavoidable impurities.

IPC 8 full level
C22C 19/05 (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP US)
C22C 19/056 (2013.01 - EP US)

Citation (search report)
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EP 06021724 A 20061017; CN 200780038506 A 20070920; EP 07803558 A 20070920; EP 2007059936 W 20070920; JP 2009532751 A 20070920; US 31187307 A 20070920