

Title (en)
Ni-based super alloy

Title (de)
Superlegierung auf Nickelbasis

Title (fr)
Superaliage à base de Ni

Publication
EP 1837411 B1 20150603 (EN)

Application
EP 07005969 A 20070322

Priority
JP 2006079447 A 20060322

Abstract (en)
[origin: EP1837411A1] The present invention provides a Ni-based super alloy including, by mass %, C: 0.01 to 0.15%; Si: 1% or less; Mn: 1% or less; P: 0.02% or less; S: 0.01% or less; Co: less than 0.10%; Cr: 16 to 22 %; Mo: 4 to 10%; W: 5% or less; Al: 1.2 to 2.5%; Ti: 2.4 to 4%; B: 0.001 to 0.05%; Zr: 0.01 to 0.5%; Fe: 1% or less; and a balance of Ni and inevitable impurities.

IPC 8 full level
C22C 19/05 (2006.01)

CPC (source: EP US)
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Cited by
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EP 07005969 A 20070322; JP 2006079447 A 20060322; US 72354607 A 20070320