

Title (en)  
Ni-based super alloy

Title (de)  
Superlegierung auf Nickelbasis

Title (fr)  
Superaliage à base de Ni

Publication  
**EP 1837411 A1 20070926 (EN)**

Application  
**EP 07005969 A 20070322**

Priority  
JP 2006079447 A 20060322

Abstract (en)  
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)  
**C22C 19/055** (2013.01 - EP US); **C22C 19/056** (2013.01 - EP US)

Citation (search report)

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**EP 07005969 A 20070322**; JP 2006079447 A 20060322; US 72354607 A 20070320