

Title (en)  
NICKEL-BASE SUPERALLOYS

Title (de)  
NICKELBASIS-SUPERLEGIERUNGEN

Title (fr)  
SUPERALLIAGES À BASE DE NICKEL

Publication  
**EP 2076616 A1 20090708 (EN)**

Application  
**EP 07803558 A 20070920**

Priority  

- EP 2007059936 W 20070920
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Abstract (en)  
[origin: EP1914327A1] 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)

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