

Title (en)

OXIDE DISPERSION-STRENGTHENED NICKEL-BASE SUPERALLOY WITH IMPROVED CORROSION RESISTANCE

Publication

EP 0260465 B1 19920102 (DE)

Application

EP 87112012 A 19870819

Priority

CH 359386 A 19860908

Abstract (en)

[origin: US4798625A] Superalloy with oxide dispersion hardening having improved corrosion and oxidation resistance and based on nickel with the following composition: Cr=17-18% by weight, Al=6-7% by weight, Mo=2-2.5% by weight, W=3-3.5% by weight, Ta=2-2.5% by weight, Zr<0.2% by weight, B<0.02% by weight, C<0.1% by weight, Y₂O₃=1-1.5% by weight, Ni=Remainder.

IPC 1-7

C22C 32/00

IPC 8 full level

C22C 19/05 (2006.01); **C22C 32/00** (2006.01)

CPC (source: EP US)

C22C 32/0026 (2013.01 - EP US)

Cited by

EP0507364A1; EP0398121A1; EP0525816A1; US6158249A; EP0488716A1; US5427601A; WO9302977A1

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