

Title (en)

PRECIPITATION-HARDENABLE NICKEL-BASED SUPERALLOY WITH PARTICULAR MECHANICAL PROPERTIES IN THE TEMPERATURE RANGE OF 600 TO 750O C

Publication

EP 0330858 B1 19920520 (DE)

Application

EP 89101901 A 19890203

Priority

CH 75588 A 19880302

Abstract (en)

[origin: EP0330858A1] Precipitation-hardenable nickel-based superalloy having improved mechanical properties in the temperature range of 600 to 750<o>C and having the following composition: Cr = 12 - 15% by weight Co = 3 - 4.5% by weight W = 1 - 3.5% by weight Ta = 4 - 5.5% by weight Al = 3 - 4.3% by weight Ti = 4 - 5% by weight Hf = 0 - 2.5% by weight B = 0 - 0.02% by weight Zr = 0.01 - 0.06% by weight C = 0.05 - 0.07% by weight Ni = remainder <IMAGE>

IPC 1-7

C22C 19/05; **C22F 1/10**

IPC 8 full level

C22C 19/05 (2006.01); **C22F 1/00** (2006.01); **C22F 1/10** (2006.01)

CPC (source: EP US)

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