

Title (en)
DISPERSION STRENGTHENED ALLOYS

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EP 0256555 B1 19921021 (EN)

Application
EP 87111982 A 19870818

Priority
US 89774586 A 19860818

Abstract (en)
[origin: EP0256555A2] A dispersion strengthened powder metallurgical iron-base alloy combines good stress rupture strength and high resistance to oxidation attack at temperatures as high as 1300 DEG C and contains special amounts of chromium, aluminum, a refractory metal dispersoid and preferably titanium in addition to iron. Advantageously, the alloy is prepared by mechanical alloying.

IPC 1-7
C22C 1/10; C22C 32/00

IPC 8 full level
C22C 1/10 (2006.01); **C22C 32/00** (2006.01); **C22C 33/02** (2006.01); **C22C 38/00** (2006.01); **C22C 38/18** (2006.01)

CPC (source: EP)
C22C 1/1084 (2013.01); **C22C 32/0026** (2013.01); **C22C 33/0292** (2013.01)

Cited by
CN108950357A; DE10261207A1; EP0735148A1; CN116121574A; EP0566254A1; GB2256202A; GB2256202B; US6416871B1; WO9940231A1

Designated contracting state (EPC)
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EP 87111982 A 19870818; AT 87111982 T 19870818; AU 7672387 A 19870810; DE 3782294 T 19870818; JP 20199387 A 19870814