

Title (en)  
High temperature resistant Ni-Cr alloy.

Title (de)  
Gegen hohe Temperatur beständige Ni-Cr-Legierung.

Title (fr)  
Alliage à base de Ni-Cr résistant à haute température.

Publication  
**EP 0549286 A1 19930630 (EN)**

Application  
**EP 92311611 A 19921218**

Priority  
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• US 98911292 A 19921211

Abstract (en)  
The invention provides a heat and corrosion resistant alloy having, by weight percent, 55-65% nickel, 19-25% chromium, 1-4.5% aluminum, 0.045-0.3% yttrium, 0.15-1% titanium, 0.005-0.5% carbon, 0.1-1.5% silicon, 0-1% manganese, at least 0.005% total magnesium, calcium and/or cerium, less than 0.5% total magnesium and/or calcium, less than 1% cerium, 0.0001-0.1% boron, 0-0.5% zirconium, 0.0001-0.1% nitrogen, 0-10% cobalt and balance, iron and incidental impurities.

IPC 1-7  
**C22C 19/05**

IPC 8 full level  
**C22C 19/05** (2006.01)

CPC (source: EP)  
**C22C 19/058** (2013.01)

Citation (search report)  
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