

Title (en)  
High temperature alloy

Title (de)  
Hochtemperaturlegierung

Title (fr)  
Alliage résistant aux températures élevées

Publication  
**EP 2154261 B1 20111102 (DE)**

Application  
**EP 09165678 A 20090716**

Priority  
CH 11742008 A 20080725

Abstract (en)  
[origin: EP2154261A1] An iron-based high temperature alloy comprises (in wt.%) chromium (20), aluminum (5-6, preferably 5.5), tantalum (4), molybdenum (4), rhenium (3-4, preferably 4), zirconium (0.2), boron (0.05), yttrium (0.1), hafnium (0.1), carbon (0-0.05, preferably 0.05) and remaining iron and unavoidable impurities. An independent claim is included for manufacture of the high temperature alloy.

IPC 8 full level  
**C22C 38/18** (2006.01); **C22C 38/22** (2006.01); **C22C 38/26** (2006.01); **C22C 38/32** (2006.01)

CPC (source: EP US)  
**C22C 38/002** (2013.01 - EP US); **C22C 38/005** (2013.01 - EP US); **C22C 38/22** (2013.01 - EP US); **C22C 38/26** (2013.01 - EP US); **C22C 38/28** (2013.01 - EP US); **C22C 38/32** (2013.01 - EP US)

Designated contracting state (EPC)  
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