

Title (en)

Iron base alloy for use at high temperature

Title (de)

Eisenbasislegierung zur Verwendung bei erhöhter Temperatur

Title (fr)

Alliage à base de fer pour applications aux températures élevées

Publication

EP 0733719 B1 19990303 (DE)

Application

EP 96890050 A 19960319

Priority

AT 51695 A 19950323

Abstract (en)

[origin: EP0733719A1] The ferrous alloy contains (wt.%) 0.3-0.5 C; 0.4-1.6 Si; 0.3-0.8 Mn; 3.2-6.5 Cr; 0-2 Mo; 0-3 W; 0.95-2 (Mo + W/2); 0.25-1.2 V; 0.75-1.6 Al; 1.2-2.6 (Al + Si); 0-0.2 Nb; 0-0.15 Ti; max 0.35 Ni; max 0.015N; and balance Fe.

IPC 1-7

C22C 38/22; **C22C 38/24**

IPC 8 full level

C22C 38/22 (2006.01); **C22C 38/24** (2006.01)

CPC (source: EP)

C22C 38/22 (2013.01); **C22C 38/24** (2013.01)

Cited by

DE102007014407A1; DE102007014408A1; EP2194155A1; US8557056B2; EP1887096A1; EP3228724A1; WO2008017341A1; EP3050986B1; EP2682491B1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0733719 A1 19960925; **EP 0733719 B1 19990303**; AT 403058 B 19971125; AT A51695 A 19970315; AT E177159 T1 19990315; DE 59601353 D1 19990408; ES 2128828 T3 19990516

DOCDB simple family (application)

EP 96890050 A 19960319; AT 51695 A 19950323; AT 96890050 T 19960319; DE 59601353 T 19960319; ES 96890050 T 19960319