

Title (en)

Heat-resistant, hot workable austenitic steel.

Title (de)

Hitzebeständiger warmverformbarer austenitischer Stahl.

Title (fr)

Acier austénitique réfractaire déformable à chaud.

Publication

EP 0531776 B1 19951115 (DE)

Application

EP 92114280 A 19920821

Priority

DE 4130140 A 19910911

Abstract (en)

[origin: US5302097A] The invention relates to a heat resistant hot formable austenitic steel consisting of (in % by weight) -carbon0.10 to0.20-silicon2.5 to3.0-manganese0.2 to0.5-phosphorusmax0.015-sulphurmax0.005-chromium25 to30-nickel30 to35-aluminium0.05 to0.15-calcium0.001 to0.005-rare earths0.05 to0.15-nitrogen0.05 to0.20- residue iron and the usual impurities due to melting.

IPC 1-7

C22C 38/40

IPC 8 full level

C21D 6/00 (2006.01); **C22C 30/00** (2006.01); **C22C 38/00** (2006.01); **C22C 38/40** (2006.01)

CPC (source: EP US)

C22C 30/00 (2013.01 - EP US)

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

US 5302097 A 19940412; AT E130376 T1 19951215; DE 4130140 C1 19921119; DE 59204329 D1 19951221; EP 0531776 A1 19930317; EP 0531776 B1 19951115; JP H05195167 A 19930803

DOCDB simple family (application)

US 93553292 A 19920825; AT 92114280 T 19920821; DE 4130140 A 19910911; DE 59204329 T 19920821; EP 92114280 A 19920821; JP 26540692 A 19920908