Title (en)

Plasma carburizing of metallic workpieces

Title (de)

Verfahren zur Plasmaaufkohlung metallischer Werkstücke

Title (fr)

Carburation par plasma de pièces métalliques

Publication

EP 0779376 B1 20000126 (DE)

Application

EP 96118592 A 19961120

Priority

DE 19547131 A 19951216

Abstract (en)

[origin: EP0779376A1] In plasma carburisation of metal work pieces in a furnace containing an atmosphere of carbon carrier under plasma carburisation conditions to produce pure C, a mixture of methane and propane is used as C carrier.

IPC 1-7

C23C 8/38

IPC 8 full level

C23C 8/38 (2006.01)

CPC (source: EP US)

C23C 8/38 (2013.01 - EP US)

Cited by

DE19815233A1; WO2008025344A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0779376 A1 19970618; **EP 0779376 B1 20000126**; **EP 0779376 B2 20021218**; AT E189271 T1 20000215; DE 19547131 A1 19970619; DE 59604291 D1 20000302; US 5851314 A 19981222

DOCDB simple family (application)

EP 96118592 A 19961120; AT 96118592 T 19961120; DE 19547131 A 19951216; DE 59604291 T 19961120; US 76628296 A 19961213