

Title (en)
PROCESS FOR THE SURFACE TREATMENT OF TITANIUM, ITEMS MADE OF OR COATED WITH TITANIUM AND TREATED ACCORDING TO SUCH PROCESS

Title (de)
VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG VON TITAN, AUS TITAN HERGESTELLTE ODER MIT TITAN BESCHICHTETE UND NACH EINEM DERARTIGEN VERFAHREN BEHANDELTE GEGENSTÄNDE

Title (fr)
PROCEDE DE TRAITEMENT DE SURFACE DE TITANIUM, ARTICLES A BASE DE TITANIUM OU RECOUVERTS DE TITANIUM ET TRAITES SELON LEDIT PROCEDE

Publication
EP 1354071 B1 20040929 (EN)

Application
EP 01994960 A 20011228

Priority
• IT 0100658 W 20011228
• IT RM20000699 A 20001228

Abstract (en)
[origin: WO02053792A1] Process for the surface treatment of Titanium comprising a heating step for items made of or coated with Titanium, for a present time interval at a temperature higher than the phase transition temperature of Titanium and in the presence of an atmosphere comprising one or more inert gases and a percent of Carbon gas. The invention further relates to items (3) made of or coated with Titanium treated according to such process.

IPC 1-7
C23C 8/20

IPC 8 full level
C23C 8/02 (2006.01); **C23C 8/20** (2006.01)

CPC (source: EP)
C23C 8/02 (2013.01); **C23C 8/20** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02053792 A1 20020711; AT E278049 T1 20041015; DE 60106087 D1 20041104; EP 1354071 A1 20031022; EP 1354071 B1 20040929; IT 1316270 B1 20030403; IT RM20000699 A0 20001228; IT RM20000699 A1 20020628

DOCDB simple family (application)
IT 0100658 W 20011228; AT 01994960 T 20011228; DE 60106087 T 20011228; EP 01994960 A 20011228; IT RM20000699 A 20001228