

Title (en)
TITANIUM-BASE ALLOY

Title (de)
TITANLEGIERUNG

Title (fr)
ALLIAGE A BASE DE TITANE

Publication
EP 1392876 A1 20040303 (EN)

Application
EP 02739008 A 20020507

Priority
• RU 0200227 W 20020507
• RU 2001112580 A 20010507

Abstract (en)
[origin: WO02090607A1] Titanium-base alloy is disclosed containing, in mass %: Aluminum 2.5 - 4.0, Vanadium 2.5 - 4.0, Molybdenum 2.0 - 3.5, Zirconium 0.4 - 1.5, Iron 0.25 max, Nitrogen 0.03 max, Oxygen 0.15 max, Carbon 0.01 - 0.1, Other impurities - total 0.3 max and Titanium balance. In an embodiment the disclosed Titanium-base alloy may additionally contain 0.03 - 0.1 mass % of Palladium and 0.03 - 0.3 mass % of Ruthenium.

IPC 1-7
C22C 14/00

IPC 8 full level
C22C 14/00 (2006.01)

CPC (source: EP)
C22C 14/00 (2013.01)

Citation (search report)
See references of WO 02090607A1

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 02090607 A1 20021114; WO 02090607 A8 20030807; EP 1392876 A1 20040303; EP 1392876 B1 20141008; RU 2203974 C2 20030510

DOCDB simple family (application)
RU 0200227 W 20020507; EP 02739008 A 20020507; RU 2001112580 A 20010507