

Title (en)

Method for producing a forged article from a gamma-titanium-aluminium base alloy

Title (de)

Verfahren zur Herstellung eines Schmiedestückes aus einer Gamma-Titan-Aluminium-Basislegierung

Title (fr)

Procédé de fabrication d'une pièce forgée à partir d'un alliage gamma à base titane-aluminium

Publication

EP 2272993 B1 20130918 (DE)

Application

EP 10450090 A 20100519

Priority

AT 8792009 A 20090605

Abstract (en)

[origin: EP2272993A1] The method involves manufacturing a forge piece from a column-shaped or rod-shaped raw material of titanium-aluminum alloy. The raw material is heated at temperature higher than 1150 degree Celsius by electricity supply or induction heat such that the forge raw material is transformed to different cross-sectional area in over length range, where the raw material is heated at deformation temperature in multiple steps. A covering part is provided with oxidation zirconium to decrease surface temperature fall of the forge piece. Ratio of oxidation zirconium is greater than 70 weight percentage.

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102017212082A1; CN109454403A; CN103586392A; CN111085644A; EP2386663A1; EP3427858A1; US10107112B2; US8864918B2; WO2013110260A1; EP3067435B1; EP3067435B2

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DOCDB simple family (publication)

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