

Title (en)

Thin products made of beta or quasi beta titanium alloys, manufacture by forging

Title (de)

Dünne Produkte aus Beta- oder quasi Beta-Titan-Legierungen, Herstellung durch Schmieden

Title (fr)

Produits minces en alliages de titane bêta ou quasi bêta, fabrication par forgeage

Publication

EP 1340832 B1 20070411 (FR)

Application

EP 03290458 A 20030227

Priority

FR 0202602 A 20020301

Abstract (en)

[origin: EP1340832A1] Non-axisymmetric manufactured products, with a thickness less than 10 mm are made of beta or quasi beta titanium alloys and have a core microstructure made up of whole grains with a leanness ratio greater than 4 and an equivalent diameter of between 10 and 300 microns. These products are made by forging and from titanium alloys of the Ti17 (TA5CD4 or TiAl5Cr2MO4) type. An Independent claim is also included for the fabrication of these products by forging.

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2923741A1; FR2982279A1; CN103906851A; FR2936172A1; CN102159340A; WO2013068699A1; WO2010031982A1

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