

Title (en)

An alloy and method of treating titanium aluminide

Title (de)

Legierung und Verfahren zur Behandlung von Titanaluminid

Title (fr)

Alliage et procédé pour le traitement d'aluminure de titane

Publication

EP 1889939 B1 20131009 (EN)

Application

EP 07253127 A 20070809

Priority

GB 0616566 A 20060819

Abstract (en)

[origin: EP1889939A2] A method of treating a titanium aluminide alloy having a single alpha phase field and being capable of producing a massively transformed gamma microstructure by subjecting the alloy to a temperature cycle that produces the massively transformed microstructure having a refined microstructure; the method being characterised in that oxygen securing means are provided within the alloy to prevent diffusion of oxygen to the grain boundary.

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN113094946A; EP2145967A3; EP2423341A1

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