

Title (en)  
TITANIUM MATERIAL

Title (de)  
TITANMATERIAL

Title (fr)  
MATÉRIAU DE TITANE

Publication  
**EP 2615186 A1 20130717 (EN)**

Application  
**EP 10856960 A 20100908**

Priority  
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Abstract (en)  
An object of the present invention is to provide a titanium plate having high strength and excellent workability. In order to achieve this object, the present invention provides a titanium material having an iron content of 0.60% by mass or less and an oxygen content of 0.15% by mass or less, with the balance being titanium and unavoidable impurities, the titanium material having a worked structure formed by working accompanied by plastic deformation and a recrystallized structure formed by annealing after the working, wherein the titanium material is formed such that the average particle size of crystal grains of the recrystallized structure is 1  $\mu\text{m}$  or more and 5  $\mu\text{m}$  or less, and the area of a non-recrystallized part in the cross-sectional area of the titanium material is more than 0% and 30% or less.

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