

Title (en)

High strength low cost titanium and method for making same

Title (de)

Hochfestes, preiswertes Titan und Verfahren zu dessen Herstellung

Title (fr)

Titane à haute résistance mécanique et à prix réduit et méthode pour sa production

Publication

EP 1632581 A1 20060308 (EN)

Application

EP 05090250 A 20050829

Priority

US 93363804 A 20040902

Abstract (en)

A titanium alloy and method of making the same are provided. The alloy comprises one or more elements selected from the group consisting of chromium, iron, and manganese. In an as-cast condition, the alloy has a yield strength of at least about 135,000 psi, a tensile strength of at least about 155,000 psi and a percent elongation of at least about 5.0 percent.

IPC 8 full level

C22C 14/00 (2006.01)

CPC (source: EP US)

C22C 14/00 (2013.01 - EP US); **C22F 1/183** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 349 (C - 0967) 28 July 1992 (1992-07-28)
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