

Title (en)

TITANIUM-CONTAINING ALLOYS AND ASSOCIATED METHODS OF MANUFACTURE

Title (de)

TITANHALTIGE LEGIERUNGEN UND ZUGEHÖRIGE VERFAHREN ZUR HERSTELLUNG

Title (fr)

ALLIAGES CONTENANT DU TITANE ET PROCÉDÉS DE FABRICATION ASSOCIÉS

Publication

EP 3510177 A4 20200603 (EN)

Application

EP 17886629 A 20170907

Priority

- US 201662384232 P 20160907
- US 2017050372 W 20170907

Abstract (en)

[origin: WO2018125314A2] Titanium-containing alloys are generally described. The titanium-containing alloys are, according to certain embodiments, nanocrystalline. According to certain embodiments, the titanium-containing alloys have high relative densities. The titanium-containing alloys can be relatively stable, according to certain embodiments. Inventive methods for making titanium-containing alloys are also described herein. The inventive methods for making titanium-containing alloys can involve, according to certain embodiments, sintering nanocrystalline particulates comprising titanium and at least one other metal to form a titanium-containing nanocrystalline alloy.

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

1. **B22F 2999/00** + **C22C 2200/04**
2. **B22F 2998/10** + **B22F 9/04** + **B22F 3/02** + **B22F 3/10**

Citation (search report)

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