

Title (en)

Titanium aluminide alloy containing boron, tungsten and silicon

Title (de)

Ti Al-Legierung mit Bor, Wolfram und Silizium

Title (fr)

Alliage du type aluminure de titane contenant du bore, du silicium et du tungstène

Publication

**EP 1195445 B1 20040211 (DE)**

Application

**EP 01123551 A 20011001**

Priority

DE 10049026 A 20001004

Abstract (en)

[origin: EP1195445A1] High temperature alloy contains (in weight %) 44.5- more than 46 aluminum, 1-4 tungsten, 0.1-1.5 silicon, 0.0001-4 boron, and a balance of titanium. Preferred Features: The alloy contains (in weight %) 44.5- more than 46 aluminum, 1-3 tungsten, 0.4-1 silicon, 1-4 boron; and a balance of titanium; or 45 aluminum, 2 tungsten, 0.5 silicon, 2 boron; and a balance of titanium.

IPC 1-7

**C22C 14/00**

IPC 8 full level

**C22C 14/00** (2006.01)

CPC (source: EP US)

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Cited by

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DE GB

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**EP 1195445 A1 20020410; EP 1195445 B1 20040211**; DE 10049026 A1 20020411; DE 50101467 D1 20040318; US 2003124021 A1 20030703; US 6676897 B2 20040113

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