

Title (en)

HIGH STRENGTH, OXIDATION AND WEAR RESISTANT TITANIUM-SILICON BASED ALLOY

Title (de)

HOCHFESTE, OXIDATIONSBESTÄNDIGE UND VERSCHLEISSFESTE LEGIERUNG AUF TITAN-SILICIUM-BASIS

Title (fr)

ALLIAGE A BASE DE TITANE-SILICIUM RESISTANT A L'OXYDATION ET A L'USURE, DE HAUTE RESISTANCE

Publication

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Application

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Abstract (en)

[origin: WO2006006869A1] The present invention relates to high strength, oxidation and wear resistant silicon base alloy containing: 2.5-12wt % Si; 0 - 5 wt % Al; 0-0.5 % B; 0-5 % Cr; 0 - 1 wt % rare earth metals and/or yttrium and/or scandium balance Ti with unavoidable impurities.

IPC 8 full level

**C22C 14/00** (2006.01); **C22F 1/18** (2006.01)

IPC 8 main group level

**C22C** (2006.01)

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