

Accepted Manuscript

Title: A comparative research on TiAlN coatings reactively sputtered from powder and from smelting TiAl targets at various nitrogen flow rates

Author: Juncai Liang Jiangang Mu Fengge Zhang Wuping Zhou Haibo Zhao



PII: S0169-4332(14)01070-8
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2014.05.053>
Reference: APSUSC 27871

To appear in: *APSUSC*

Received date: 17-10-2013
Revised date: 11-5-2014
Accepted date: 11-5-2014

Please cite this article as: J. Liang, J. Mu, F. Zhang, W. Zhou, H. Zhao, A comparative research on TiAlN coatings reactively sputtered from powder and from smelting TiAl targets at various nitrogen flow rates, *Applied Surface Science* (2014), <http://dx.doi.org/10.1016/j.apsusc.2014.05.053>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**A comparative research on TiAlN coatings reactively
sputtered from powder and from smelting TiAl targets at
various nitrogen flow rates**

Juncai Liang^{1, 2, 3}, Jiangang Mu^{1, 2, 3}, Fengge Zhang^{1, 2, 3}, Wuping Zhou^{1, 2, 3*}, Haibo Zhao⁴

(1. Central Iron & Steel Research Institute, Beijing, 100081, China;

2. Advanced Technology & Materials Co., Ltd, Beijing 100081, China;

3. Beijing Key Laboratory of Coating Targets, Beijing, Beijing 100081, China;

4. The Analysis and Testing Centre, Sichuan University, Chengdu 610064, China)

Download English Version:

<https://daneshyari.com/en/article/5356313>

Download Persian Version:

<https://daneshyari.com/article/5356313>

[Daneshyari.com](https://daneshyari.com)