Accepted Manuscript

Regain the fatigue strength of laser additive manufactured Ti alloy via laser shock peening

Luo Sihai, He Weifeng, Chen Kai, Nie Xiangfan, Zhou Liucheng, Li Yiming

PII: S0925-8388(18)31315-X

DOI: 10.1016/j.jallcom.2018.04.029

Reference: JALCOM 45667

To appear in: Journal of Alloys and Compounds

Received Date: 19 November 2017

Revised Date: 28 March 2018

Accepted Date: 2 April 2018

Please cite this article as: L. Sihai, H. Weifeng, C. Kai, N. Xiangfan, Z. Liucheng, L. Yiming, Regain the fatigue strength of laser additive manufactured Ti alloy via laser shock peening, *Journal of Alloys and Compounds* (2018), doi: 10.1016/i.jallcom.2018.04.029.

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.



ACCEPTED MANUSCRIPT

Regain the fatigue strength of laser additive manufactured Ti alloy via laser shock peening

Luo Sihai¹, He Weifeng^{1,2*}, Chen Kai³, Nie Xiangfan¹, Zhou Liucheng¹, Li Yiming¹

5 1 Science and Technology on Plasma Dynamics Laboratory, Air force Engineering
University, Xi'an, Shaanxi, 710038, China

2 Institute of Aeronautics Engine, School of Mechanical Engineering, Xi'an Jiaotong University, Xi'an, Shaanxi 710049, China

3 State Key Laboratory for Mechanical Behavior of Materials, Xi'an Jiaotong

10 University, Xi'an, Shaanxi 710049, China

*Correspondence to:

Dr. He Weifeng

15 Science and Technology on Plasma Dynamics Laboratory, Air Force Engineering
University

Address: 1 Baling road, Xi'an, Shaanxi 710038, China

Phone: +86 02984787537

Email: <u>hehe_coco@163.com</u>

Download English Version:

https://daneshyari.com/en/article/7991896

Download Persian Version:

https://daneshyari.com/article/7991896

<u>Daneshyari.com</u>