

Accepted Manuscript

Development of tungsten heavy alloy reinforced by cubic zirconia through liquid-liquid doping and mechanical alloying methods

Liujie Xu, Fangnao Xiao, Shizhong Wei, Yucheng Zhou, Kunming Pan, Xiuqing Li, Jiwen Li, Wei Liu



PII: S0263-4368(17)30917-4
DOI: doi:[10.1016/j.ijrmhm.2018.08.009](https://doi.org/10.1016/j.ijrmhm.2018.08.009)
Reference: RMHM 4775

To appear in: *International Journal of Refractory Metals and Hard Materials*

Received date: 15 December 2017
Revised date: 15 July 2018
Accepted date: 20 August 2018

Please cite this article as: Liujie Xu, Fangnao Xiao, Shizhong Wei, Yucheng Zhou, Kunming Pan, Xiuqing Li, Jiwen Li, Wei Liu , Development of tungsten heavy alloy reinforced by cubic zirconia through liquid-liquid doping and mechanical alloying methods. *Rmhm* (2018), doi:[10.1016/j.ijrmhm.2018.08.009](https://doi.org/10.1016/j.ijrmhm.2018.08.009)

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.

**Development of tungsten heavy alloy reinforced by cubic Zirconia through
liquid-liquid doping and mechanical alloying methods**

Liujie Xu ^{a,*}, Fangnao Xiao ^{b,*}, Shizhong Wei ^{c,*}, Yucheng Zhou ^a, Kunming Pan ^a, Xiuqing Li ^a, Jiwen Li ^c, Wei Liu ^c

a Henan Key Laboratory of High-temperature Structural and Functional Materials, Henan University of Science and Technology, Luoyang 471003, China

b College of Material Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing 201116, China

c National Joint Engineering Research Center for abrasion control and molding of metal materials, Henan University of Science and Technology, Luoyang 471003, China

*Corresponding author

Tel.: +86 379 64270020

E-mail addresses: wmxlj@126.com (Liujie Xu)

xfnaolw@163.com (Fangnao Xiao)

hnwsz@126.com (Shizhong Wei)

Download English Version:

<https://daneshyari.com/en/article/8955437>

Download Persian Version:

<https://daneshyari.com/article/8955437>

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