Accepted Manuscript

Title: Influence of pulsed arc on the metal droplet deposited by projected transfer mode in wire-arc additive manufacturing

Authors: Luo Yi, Li Jinglong, Xu Jie, Zhu Liang, Han Jingtao, Zhang Chengyang

PII: S0924-0136(18)30194-8

DOI: https://doi.org/10.1016/j.jmatprotec.2018.04.047

Reference: PROTEC 15747

To appear in: Journal of Materials Processing Technology

Received date: 10-8-2017 Revised date: 14-4-2018 Accepted date: 30-4-2018

Please cite this article as: Luo Y, Li J, Xu J, Zhu L, Han J, Zhang C, Influence of pulsed arc on the metal droplet deposited by projected transfer mode in wire-arc additive manufacturing, *Journal of Materials Processing Tech.* (2010), https://doi.org/10.1016/j.jmatprotec.2018.04.047

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

Influence of pulsed arc on the metal droplet deposited by projected transfer mode in wire-arc additive manufacturing

Luo Yi^{a,b,c,*}, Li Jinglong^c, Xu Jie^{a,b}, Zhu Liang^{a,b}, Han Jingtao^{a,b}, Zhang Chengyang^{a,b}

^aSchool of Material Science and Engineering, Chongqing University of Technology, Chongqing 400054, People's Republic of China

^bChongqing Municipal Engineering Research Center of Institutions of Higher Education for Special Welding Materials and Technology, Chongqing 400054, People's Republic of China

^cState Key Laboratory of Solidification Processing, Northwestern Polytechnical University, Xi'an 710072, People's Republic of China

*Corresponding author: Luo Yi

E-mail address of the corresponding author: luoyi@cqut.edu.cn

Download English Version:

https://daneshyari.com/en/article/7176309

Download Persian Version:

https://daneshyari.com/article/7176309

<u>Daneshyari.com</u>