

Accepted Manuscript

Title: Electrodynamic simulation of energy absorption in laser keyhole welding of zinc-coated and uncoated steel sheets

Author: Jaehun Kim Chun Deng Sehyeok Oh Hyungson Ki

PII: S0924-0136(16)30011-5
DOI: <http://dx.doi.org/doi:10.1016/j.jmatprotec.2016.01.011>
Reference: PROTEC 14691

To appear in: *Journal of Materials Processing Technology*

Received date: 23-7-2015
Revised date: 13-1-2016
Accepted date: 14-1-2016

Please cite this article as: Kim, Jaehun, Deng, Chun, Oh, Sehyeok, Ki, Hyungson, Electrodynamic simulation of energy absorption in laser keyhole welding of zinc-coated and uncoated steel sheets. *Journal of Materials Processing Technology* <http://dx.doi.org/10.1016/j.jmatprotec.2016.01.011>

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.



Title: Electrodynamic simulation of energy absorption in laser keyhole welding of zinc-coated and uncoated steel sheets

Jaehun Kim*, Chun Deng*, Sehyeok Oh* and Hyungson Ki*

*Department of Mechanical Engineering

Ulsan National Institute of Science and Technology (UNIST)

50 UNIST-gil, Ulsu-gun, Ulsan, South Korea, 44919

Corresponding author:

Hyungson Ki

Email: hski@unist.ac.kr

Phone number: +82-52-217-2310

Fax number: +82-52-217-2409

Postal address:

501-2 Engineering Building I

Department of Mechanical Engineering

Ulsan National Institute of Science and Technology

50 UNIST-gil, Ulsan, South Korea, 689-798

Download English Version:

<https://daneshyari.com/en/article/7176768>

Download Persian Version:

<https://daneshyari.com/article/7176768>

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