### Accepted Manuscript

An experimental investigation on the developing wavy falling film in the presence of electrohydrodynamic conduction phenomenon

R. Gharraei, M. Hemayatkhah, S. Baheri Islami, E. Esmaeilzadeh

PII: S0894-1777(14)00203-9

DOI: http://dx.doi.org/10.1016/j.expthermflusci.2014.08.005

Reference: ETF 8284

To appear in: Experimental Thermal and Fluid Science

Received Date: 18 March 2014 Revised Date: 9 August 2014 Accepted Date: 9 August 2014



Please cite this article as: R. Gharraei, M. Hemayatkhah, S. Baheri Islami, E. Esmaeilzadeh, An experimental investigation on the developing wavy falling film in the presence of electrohydrodynamic conduction phenomenon, *Experimental Thermal and Fluid Science* (2014), doi: http://dx.doi.org/10.1016/j.expthermflusci.2014.08.005

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**

# An experimental investigation on the developing wavy falling film in the presence of electrohydrodynamic conduction phenomenon

- R. Gharraei<sup>1\*</sup>, M. Hemayatkhah<sup>2</sup>, S. Baheri Islami<sup>3</sup>, E. Esmaeilzadeh<sup>4</sup>
- 1. Mechanical Engineering Department, Azarbaijan Shahid Madani University, Tabriz, Iran, email: gharraei@azaruniv.ac.ir
- 2. North-West Steel Industries Co., Tabriz, Iran. email: morteza.hemayatkhah@gmail.com
  - 3. Mechanical Engineering Department, University of Tabriz, Tabriz, Iran, email: baheri@tabrizu.ac.ir
  - 4. Mechanical Engineering Department, University of Tabriz, Tabriz, Iran, email: e.esmzadeh@gmail.com
  - \* Corresponding author, Assistant Professor, Mechanical Engineering Department, Azarbaijan Shahid Madani University, Tabriz, Iran, phone: +984113392458, fax: +984113354153, email: gharraei@azaruniv.ac.ir

#### Download English Version:

# https://daneshyari.com/en/article/7052379

Download Persian Version:

https://daneshyari.com/article/7052379

<u>Daneshyari.com</u>