Accepted Manuscript

Title: Parametric investigation on biomass gasification in a fluidized bed gasifier and conceptual design of gasifier

Authors: Qingang Xiong, Mehdi Mihandoost Yeganeh, Ebrihim Yaghoubi, Asgar Asadi, Mohammad Hossein Doranehgard, Kun Hong



PII:	S0255-2701(18)30307-6
DOI:	https://doi.org/10.1016/j.cep.2018.04.003
Reference:	CEP 7245
To appear in:	Chemical Engineering and Processing
Received date:	12-3-2018
Revised date:	1-4-2018
Accepted date:	2-4-2018
*	

Please cite this article as: Xiong Q, Yeganeh MM, Yaghoubi E, Asadi A, Doranehgard MH, Hong K, Parametric investigation on biomass gasification in a fluidized bed gasifier and conceptual design of gasifier, *Chemical Engineering and Processing - Process Intensification* (2010), https://doi.org/10.1016/j.cep.2018.04.003

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

Parametric investigation on biomass gasification in a fluidized bed gasifier and conceptual design of gasifier

Qingang Xiong^a, Mehdi Mihandoost Yeganeh^b, Ebrihim Yaghoubi^b, Asgar

Asadi^c, Mohammad Hossein Doranehgard^{d*}, Kun Hong^{a**}

^a National & Local Joint Engineering Research Center for Deep Utilization Technology of Rock-salt Resource, Jiangsu Provincial Engineering Laboratory for Biomass Conversion and Process Integration, Huaiyin Institute of Technology, Huaian 223003, China

^b Iran University of Science and Technology, Narmak, Tehran, Iran, Postal Code: 1684613114 ^cCenter for CFD studies on Heat Engines, Cavitational Flows and Petroleum industries, Department of Mechanical Engineering, University of Tabriz, Tabriz, Iran

^dDepartment of Civil & Environmental Engineering, University of Alberta, Alberta, T6G 2W2, Canada

*First Corresponding Author (Mohammad Hossein Doranehgard): <u>doranehg@ualberta.ca</u> **Second Corresponding Author (Kun Hong): <u>khong@hyit.edu.cn</u>

GRAPHICAL ABSTRACT

Download English Version:

https://daneshyari.com/en/article/7088689

Download Persian Version:

https://daneshyari.com/article/7088689

Daneshyari.com