## Accepted Manuscript

Title: A modified process for overcoming the drawbacks of conventional steam methane reforming for hydrogen

production: Thermodynamic investigation

Author: Lin Zhu Luling Li Junming Fan

PII: S0263-8762(15)00396-2

DOI: http://dx.doi.org/doi:10.1016/j.cherd.2015.10.022

Reference: CHERD 2055

To appear in:

Received date: 14-6-2015 Revised date: 26-8-2015 Accepted date: 14-10-2015

Please cite this article as: Zhu, L., Li, L., Fan, J., A modified process for overcoming the drawbacks of conventional steam methane reforming for hydrogen production: thermodynamic investigation, *Chemical Engineering Research and Design* (2015), http://dx.doi.org/10.1016/j.cherd.2015.10.022

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

### **■** Highlights

- 1. A novel SE-SMR thermally coupled with CLC process was presented.
- 2. This novel process was simulated and analyzed by Aspen Plus.
- 3. The competitiveness of this process showed more advantages.

#### Download English Version:

# https://daneshyari.com/en/article/7007212

Download Persian Version:

https://daneshyari.com/article/7007212

<u>Daneshyari.com</u>