

Accepted Manuscript

Title: Physical Modelling of the Laboratory-Scale Packed Bed Reactor for Partial Gas-Phase Oxidation of Alcohol using Gold Nanoparticles as the Heterogeneous Catalyst

Author: T. Kilpiö E. Behravesht V. Russo K. Eränen T. Salmi

PII: S0263-8762(16)30356-2
DOI: <http://dx.doi.org/doi:10.1016/j.cherd.2016.10.026>
Reference: CHERD 2449

To appear in:

Received date: 9-6-2016
Revised date: 20-9-2016
Accepted date: 16-10-2016

Please cite this article as: Kilpiö, T., Behravesht, E., Russo, V., Eränen, K., Salmi, T., Physical Modelling of the Laboratory-Scale Packed Bed Reactor for Partial Gas-Phase Oxidation of Alcohol using Gold Nanoparticles as the Heterogeneous Catalyst. *Chemical Engineering Research and Design* <http://dx.doi.org/10.1016/j.cherd.2016.10.026>

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.



Physical Modelling of the Laboratory-Scale Packed Bed Reactor for Partial Gas-Phase Oxidation of Alcohol using Gold Nanoparticles as the Heterogeneous Catalyst

T. Kilpiö^a, E. Behraves^a, V. Russo^b, K. Eränen^a, T. Salmi^{a,*}

^aÅbo Akademi, Laboratory of Industrial Chemistry and Reaction Engineering, FI-20500 Turku, Finland. Telephone: +358 2215, e-mails: teuvo.kilpio@abo.fi, erfan.behraves@abo.fi tapio.salmi@abo.fi.

^bUniversity of Naples "Federico II". Chemical Science Department, IT-80126 Naples, Italy. Telephone: +39 3493290190, e-mail: v.russo@unina.it.

Download English Version:

<https://daneshyari.com/en/article/4987380>

Download Persian Version:

<https://daneshyari.com/article/4987380>

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