

Accepted Manuscript

Solvent-free alcohol oxidation using paper-structured catalysts: Flow dynamics and reaction kinetics

Taichi Homma, Takuya Kitaoka

PII: S1385-8947(15)01405-9
DOI: <http://dx.doi.org/10.1016/j.cej.2015.09.113>
Reference: CEJ 14280

To appear in: *Chemical Engineering Journal*

Received Date: 8 June 2015
Revised Date: 24 September 2015
Accepted Date: 29 September 2015

Please cite this article as: T. Homma, T. Kitaoka, Solvent-free alcohol oxidation using paper-structured catalysts: Flow dynamics and reaction kinetics, *Chemical Engineering Journal* (2015), doi: <http://dx.doi.org/10.1016/j.cej.2015.09.113>

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.



Solvent-free alcohol oxidation using paper-structured catalysts: Flow dynamics and reaction kinetics

Taichi Homma^{a,b} and Takuya Kitaoka^{a,*}

^a Department of Agro-Environmental Sciences, Graduate School of Bioresource and Bioenvironmental Sciences, and Biotron Application Center, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan

^b Processing Development Research Laboratory, Kao Corporation, 2606 Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497, Japan

* Corresponding author at: Department of Agro-Environmental Sciences, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan

Tel/Fax: +81-92-642-2993

E-mail address: tkitaoka@agr.kyushu-u.ac.jp (T. Kitaoka)

Download English Version:

<https://daneshyari.com/en/article/6583358>

Download Persian Version:

<https://daneshyari.com/article/6583358>

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