

Accepted Manuscript

Title: Effect of pyrolysis oil components on the activity and selectivity of nickel-based catalysts during hydrotreatment

Authors: Chiara Boscagli, Chengwu Yang, Alexander Welle, Wu Wang, Silke Behrens, Klaus Raffelt, Jan-Dierk Grunwaldt



PII: S0926-860X(17)30335-6
DOI: <http://dx.doi.org/doi:10.1016/j.apcata.2017.07.025>
Reference: APCATA 16330

To appear in: *Applied Catalysis A: General*

Received date: 28-4-2017
Revised date: 9-7-2017
Accepted date: 15-7-2017

Please cite this article as: Chiara Boscagli, Chengwu Yang, Alexander Welle, Wu Wang, Silke Behrens, Klaus Raffelt, Jan-Dierk Grunwaldt, Effect of pyrolysis oil components on the activity and selectivity of nickel-based catalysts during hydrotreatment, Applied Catalysis A, General <http://dx.doi.org/10.1016/j.apcata.2017.07.025>

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.

Effect of pyrolysis oil components on the activity and selectivity of nickel-based catalysts during hydrotreatment

Chiara Boscagli^a, *Chengwu Yang*^b, *Alexander Welle*^{b,c}, *Wu Wang*^d, *Silke Behrens*^a,
Klaus Raffelt^{a,*}, *Jan-Dierk Grunwaldt*^{a,e}

^a Karlsruhe Institute of Technology, Institute of Catalysis Research and Technology, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

^b Karlsruhe Institute of Technology, Institute of Functional Interfaces, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

^c Karlsruhe Institute of Technology, Karlsruhe Nano Micro Facility, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

^d Karlsruhe Institute of Technology, Institute of Nanotechnology, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

^e Karlsruhe Institute of Technology, Institute for Chemical Technology and Polymer Chemistry, Engesserstr. 20, 76131 Karlsruhe, Germany

*Corresponding Author: Klaus Raffelt tel. +49 721 608-26507. E-mail: klaus.raffelt@kit.edu

Download English Version:

<https://daneshyari.com/en/article/4755608>

Download Persian Version:

<https://daneshyari.com/article/4755608>

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