

Accepted Manuscript

Bubble velocity in horizontal and low–inclination upward slug flow in concentric and fully eccentric annuli

Roberto Ibarra, Jan Nossen

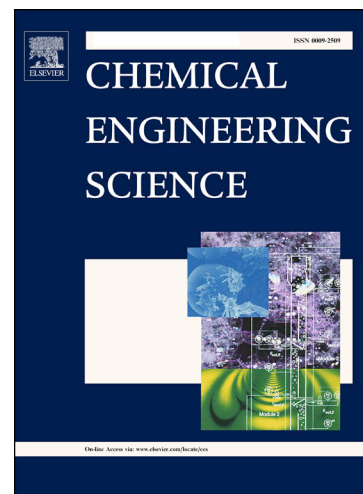
PII: S0009-2509(18)30591-8
DOI: <https://doi.org/10.1016/j.ces.2018.08.022>
Reference: CES 14437

To appear in: *Chemical Engineering Science*

Received Date: 3 May 2018
Revised Date: 31 July 2018
Accepted Date: 7 August 2018

Please cite this article as: R. Ibarra, J. Nossen, Bubble velocity in horizontal and low–inclination upward slug flow in concentric and fully eccentric annuli, *Chemical Engineering Science* (2018), doi: <https://doi.org/10.1016/j.ces.2018.08.022>

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.



Bubble velocity in horizontal and low–inclination upward slug flow in concentric and fully eccentric annuli

Roberto Ibarra^{a*}, Jan Nossen^b

Institute for Energy Technology (IFE), Kjeller, Norway, 2007

^a roberto.jose.ibarra-hernandez@ife.no

^b jan.nossen@ife.no

**Corresponding author*

*Address: Department of Fluid Flow and Environmental Technology, Institute for Energy
Technology, Instituttveien 18, Kjeller, Norway, 2007.*

Telephone: +47 63 80 60 00

Keywords

Annulus flow; concentric; fully eccentric; slug flow; slug bubble velocity

Download English Version:

<https://daneshyari.com/en/article/11000275>

Download Persian Version:

<https://daneshyari.com/article/11000275>

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