Accepted Manuscript

Title: A non-aqueous all-copper redox flow battery with highly soluble active species

Authors: Yun Li, Jeroen Sniekers, João Malaquias, Xianfeng Li, Stijn Schaltin, Linda Stappers, Koen Binnemans, Jan Fransaer, Ivo F.J. Vankelecom

PII: S0013-4686(17)30503-0

DOI: http://dx.doi.org/doi:10.1016/j.electacta.2017.03.039

Reference: EA 29073

To appear in: Electrochimica Acta

Received date: 10-8-2016 Revised date: 27-1-2017 Accepted date: 5-3-2017

Please cite this article as: Yun Li, Jeroen Sniekers, João Malaquias, Xianfeng Li, Stijn Schaltin, Linda Stappers, Koen Binnemans, Jan Fransaer, Ivo F.J. Vankelecom, A non-aqueous all-copper redox flow battery with highly soluble active species, Electrochimica Actahttp://dx.doi.org/10.1016/j.electacta.2017.03.039

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

A non-aqueous all-copper redox flow battery with highly soluble active species

Yun Li^a, Jeroen Sniekers^b, João Malaquias^c, Xianfeng Li^d, Stijn Schaltin^c, Linda Stappers^c, Koen Binnemans^b, Jan Fransaer^c, Ivo F. J. Vankelecom^{a,*}

^a Centre for Surface Chemistry and Catalysis, KU Leuven, Celestijnenlaan 200F, P.O. Box 2461, 3001 Heverlee, Belgium

^b Department of Chemistry, KU Leuven, Celestijnenlaan 200F, P.O. Box 2404, 3001 Heverlee, Belgium

^c Department of Materials Engineering, KU Leuven, Kasteelpark Arenberg 44, P.O. Box 2450, 3001 Heverlee, Belgium

^d Division of energy storage, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Zhongshan Road 457, Dalian 116023, China

^{*}Corresponding author. E-mail address: ivo.vankelecom@biw.kuleuven.be

Download English Version:

https://daneshyari.com/en/article/4767235

Download Persian Version:

https://daneshyari.com/article/4767235

<u>Daneshyari.com</u>