## Accepted Manuscript

Title: Inhibiting polysulfides diffusion of lithium-sulfur batteries using an acetylene black-CoS<sub>2</sub> modified separator: Mechanism research and performance improvement

Authors: Pan Zeng, Liwu Huang, Xinling Zhang, Yamiao

Han, Yungui Chen

PII: S0169-4332(17)32394-2

DOI: http://dx.doi.org/doi:10.1016/j.apsusc.2017.08.062

Reference: APSUSC 36899

To appear in: APSUSC

Received date: 26-5-2017 Revised date: 14-7-2017 Accepted date: 7-8-2017

Please cite this article as: Pan Zeng, Liwu Huang, Xinling Zhang, Yamiao Han, Yungui Chen, Inhibiting polysulfides diffusion of lithium-sulfur batteries using an acetylene black-CoS2 modified separator: Mechanism research and performance improvement, Applied Surface Sciencehttp://dx.doi.org/10.1016/j.apsusc.2017.08.062

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

Inhibiting polysulfides diffusion of lithium-sulfur batteries using an acetylene black- $CoS_2$  modified separator: Mechanism research and performance improvement

Pan Zeng, Liwu Huang, Xinling Zhang, Yamiao Han, Yungui Chen\*

College of Materials Science and Engineering, Sichuan University, Chengdu 610065, PR China

E-mail address: chenyungui@scu.edu.cn;

<sup>\*</sup> Corresponding author. Tel./fax: +86 28 85466196.

## Download English Version:

## https://daneshyari.com/en/article/5346784

Download Persian Version:

https://daneshyari.com/article/5346784

<u>Daneshyari.com</u>