Accepted Manuscript

Recycling copper nanoparticles from printed circuit board waste etchants via a microemulsion process

Ndumiso Vukile Mdlovu, Chao-Lung Chiang, Kuen-Song Lin, Ruei-Ching Jeng

PII: S0959-6526(18)30744-3

DOI: 10.1016/j.jclepro.2018.03.087

Reference: JCLP 12345

To appear in: Journal of Cleaner Production

Received Date: 10 December 2017

Accepted Date: 8 March 2018

Please cite this article as: Mdlovu NV, Chiang C-L, Lin K-S, Jeng R-C, Recycling copper nanoparticles from printed circuit board waste etchants via a microemulsion process, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.03.087.

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.





Graphical abstract

Download English Version:

https://daneshyari.com/en/article/8096570

Download Persian Version:

https://daneshyari.com/article/8096570

Daneshyari.com