Accepted Manuscript

Full Length Article

Surface treatment using potassium ferrate for separation of polycarbonate and polystyrene waste plastics by froth flotation

Hui Wang, Jianchao Wang, Qiangpin Zou, Weiqi Liu, Chongqing Wang, Wenqiu Huang

PII: S0169-4332(18)31051-1

DOI: https://doi.org/10.1016/j.apsusc.2018.04.091

Reference: APSUSC 39090

To appear in: Applied Surface Science

Received Date: 7 February 2018 Revised Date: 4 April 2018 Accepted Date: 9 April 2018



Please cite this article as: H. Wang, J. Wang, Q. Zou, W. Liu, C. Wang, W. Huang, Surface treatment using potassium ferrate for separation of polycarbonate and polystyrene waste plastics by froth flotation, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.04.091

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

Surface treatment using potassium ferrate for separation of polycarbonate and polystyrene waste plastics by froth flotation

Hui Wang ¹,*,†</sup>, Jianchao Wang ¹,†, Qiangpin Zou², Weiqi Liu³, Chongqing Wang ⁴,*, Wenqiu Huang ¹

- 1. School of Chemistry and Chemical Engineering, Central South University, Changsha, 410083 Hunan, China;
- 2. Zhejiang University, Yuquan Campus, Hangzhou, 310007 Zhejiang, China;
- 3. School of Public Administration, Central South University, Changsha, 410083 Hunan, China;
- 4. School of Chemical Engineering and Energy, Zhengzhou University, Zhengzhou, 450001, Henan, China;

†First author: Jianchao Wang and Hui Wang are co-first author;

*Corresponding author, Hui Wang and Chongqing Wang are co-corresponding authors, huiwang 1968@163.com

(Hui Wang), zilangwang@126.com (Chongqing Wang).

Download English Version:

https://daneshyari.com/en/article/7833768

Download Persian Version:

https://daneshyari.com/article/7833768

<u>Daneshyari.com</u>