Accepted Manuscript

Title: Mechanochemical transformation of apatite to phosphoric slow-release fertilizer and soluble phosphate

Authors: Min Chen, Zhao Li, Pengwu Huang, Xuewei Li, Jun Qu, Wenyi Yuan, Qiwu Zhang

PII: S0957-5820(17)30411-1

DOI: https://doi.org/10.1016/j.psep.2017.12.008

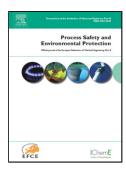
Reference: PSEP 1246

To appear in: Process Safety and Environment Protection

Received date: 18-5-2017 Revised date: 20-10-2017 Accepted date: 7-12-2017

Please cite this article as: Chen, Min, Li, Zhao, Huang, Pengwu, Li, Xuewei, Qu, Jun, Yuan, Wenyi, Zhang, Qiwu, Mechanochemical transformation of apatite to phosphoric slow-release fertilizer and soluble phosphate. Process Safety and Environment Protection https://doi.org/10.1016/j.psep.2017.12.008

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

Mechanochemical transformation of apatite to phosphoric slow-release fertilizer and soluble phosphate

Min Chen^a, Zhao Li^a, Pengwu Huang^a, Xuewei Li^a, Jun Qu^a, Wenyi Yuan^{b,*}, Qiwu Zhang^{a,c,*}

^a School of Resources and Environmental Engineering, Wuhan University of

Technology, Luoshi Road 122, Wuhan, Hubei, 430070, China

^b Shanghai Collaborative Innovation Centre for WEEE Recycling, Shanghai Polytechnic

University, Shanghai, 201209, China

^c Hubei Key Laboratory of Minerals Resources Processing and Environment, Wuhan

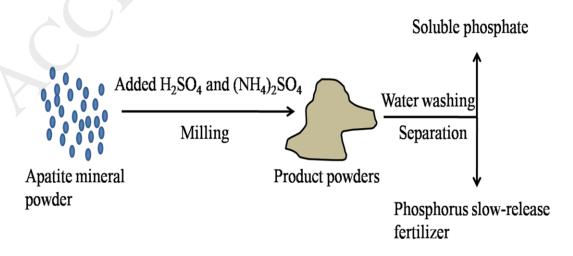
University of Technology, Wuhan, 430070, China

*Corresponding Author:

Zhangqw@whut.edu.cn (Qiwu Zhang); Tel: +86-177-7149-0085

wyyuan@sspu.edu.cn (Wenyi Yuan)

Graphical abstract



Download English Version:

https://daneshyari.com/en/article/6974149

Download Persian Version:

https://daneshyari.com/article/6974149

<u>Daneshyari.com</u>