Accepted Manuscript

Recovery of scandium from sulfation-roasted leachates of bauxite residue by solvent extraction with the ionic liquid betainium bis(trifluoromethylsulfon-yl)imide

Bieke Onghena, Chenna Rao Borra, Tom Van Gerven, Koen Binnemans

PII: S1383-5866(16)31728-2

DOI: http://dx.doi.org/10.1016/j.seppur.2016.12.009

Reference: SEPPUR 13420

To appear in: Separation and Purification Technology

Received Date: 15 September 2016 Revised Date: 30 November 2016 Accepted Date: 9 December 2016



Please cite this article as: B. Onghena, C. Rao Borra, T. Van Gerven, K. Binnemans, Recovery of scandium from sulfation-roasted leachates of bauxite residue by solvent extraction with the ionic liquid betainium bis(trifluoromethylsulfonyl)imide, *Separation and Purification Technology* (2016), doi: http://dx.doi.org/10.1016/j.seppur.2016.12.009

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

Manuscript for: Separation and Purification Technology

Recovery of scandium from sulfation-roasted leachates of bauxite residue by solvent extraction with the ionic liquid betainium bis(trifluoromethylsulfonyl)imide

Bieke Onghena^a, Chenna Rao Borra^b, Tom Van Gerven^b and Koen Binnemans^a*

^a KU Leuven, Department of Chemistry, Celestijnenlaan 200F, B-3001 Heverlee, Belgium.

^b KU Leuven, Department of Chemical Engineering, Celestijnenlaan 200F, B-3001 Heverlee, Belgium.

* Corresponding author:

Email: Koen.Binnemans@kuleuven.be

Download English Version:

https://daneshyari.com/en/article/4990245

Download Persian Version:

https://daneshyari.com/article/4990245

<u>Daneshyari.com</u>