

26/12/02
2002078459

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



ACTION

(43) International Publication Date
24 January 2002 (24.01.2002)

PCT

(10) International Publication Number
WO 02/06160 A3

(51) International Patent Classification⁷: **C01G 49/00**,
C02F 1/72

605 Harvard Avenue, Elyria, OH 44035 (US). **KNOBLE, Bernie**; 4451 Case Road, Avon, OH 44011 (US).

(21) International Application Number: PCT/US01/22044

(74) Agent: **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(22) International Filing Date: 12 July 2001 (12.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/218,409 14 July 2000 (14.07.2000) US
60/299,884 21 June 2001 (21.06.2001) US

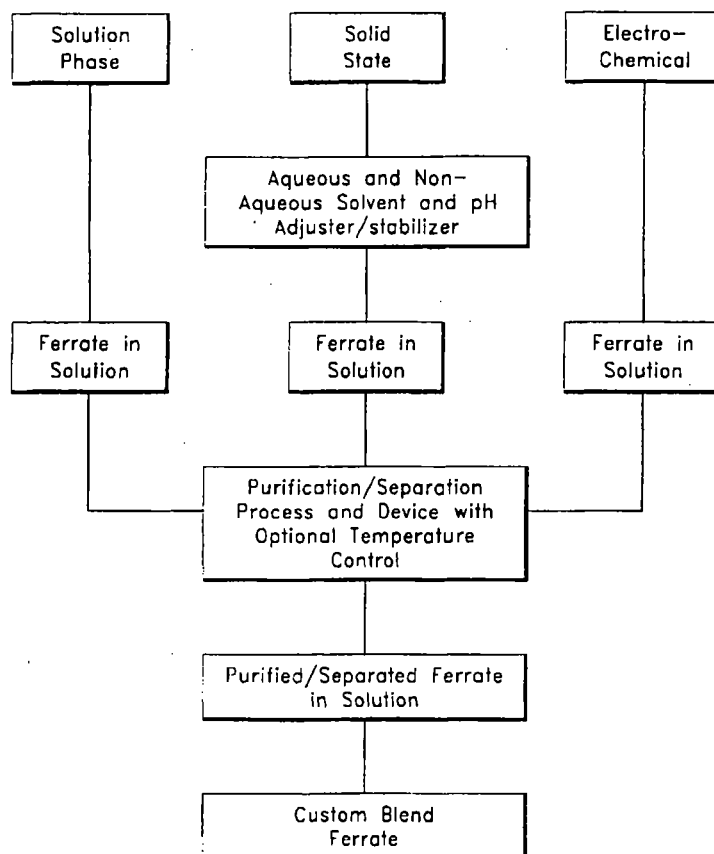
(71) Applicant: **AB INITIO LC** (US/US); 1322 Waltham Avenue, Belle Isle, FL 32809 (US).

(72) Inventors: **CIAMPI, Lee, Edward**; 448 White Bear Avenue, St. Paul, MN 55106 (US). **SMITH, Gregory, F.**

(81) Designated States (*national*): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EC, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

[Continued on next page]

(54) Title: METHODS OF SYNTHESIZING AN OXIDANT AND APPLICATIONS THEREOF



(57) Abstract: Novel methods and devices for synthesizing ferrate and uses thereof are described. One aspect of the invention relates to synthesizing ferrate at a site proximal to the site of use, another aspect of the invention relates to devices and methods for synthesizing ferrate.

WO 02/06160 A3



162162

(84) **Designated States** (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(88) **Date of publication of the international search report:**
2 May 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*