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(71) Applicant (for all designated States except US): **RE-MEDIATION PRODUCTS, INC.** [US/US]; 6390 Joyce Drive, Suite 150 West, Golden, CO 80403 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NOLAND, Scott** [US/US]; 7305 W. 64th, Arvada, CO 80003 (US). **ELLIOTT, Bob** [US/US]; 12560 E. Bates Circle, Aurora, CO 80014 (US).

(74) Agents: **BURTON, Carol, W.** et al.; Hogan & Hartson LLP, 1200 17th Street, Suite 1500, Denver, CO 80202 (US).

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(54) Title: COMPOSITIONS FOR REMOVING HALOGENATED HYDROCARBONS FROM CONTAMINATED ENVIRONMENTS

(57) Abstract: The present invention provides a supported reactant for *in situ* remediation of soil and/or groundwater contaminated with a halogenated hydrocarbon consisting essentially of an adsorbent impregnated with zero valent iron, wherein the adsorbent is capable of adsorbing the halogenated hydrocarbon. In one embodiment, the adsorbent is activated carbon.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **B01J 20/02** (2006.01)

USPC: 502/406

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 502/406,416,526

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,975,798 A (LISKOWITZ et al) 02 November 1999 (02.11.1999), abstract, columns 4 and 7-8.	1-24
X	US 5,986,161 A (AKAE et al) 16 November 1999 (16.11.1999), abstract, columns 1 and 3.	1-24
A	US 2004/0007524 A1 (NOLAND et al) 15 January 2004 (15.01.2004), abstract, Examples.	1-24

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Edward M. Johnson

Telephone No. 571-272-0987