Title: SOIL REMEDIATION WELL POSITIONING IN RELATION TO CURVED OBSTRUCTIONS

Abstract: A soil remediation system, such as an in situ thermal desorption system, may be used to treat contaminated soil (22) in a treatment area with an arcuate obstruction (20) in the treatment area. A pattern of wells may be positioned to avoid placing a well in a wall of the obstruction (20). The well pattern may be oriented based upon the center (26) of the obstruction. Alternatively, the center of the obstruction may be positioned at a centroid of a unit of the well pattern, or at the midpoint of a side of a unit of the well pattern. The well pattern may be a regular pattern that is positioned so that the arcuate obstruction (20) is placed within a large gap between adjacent orbitals (or rings) of the regular well pattern.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B09C1/00 B09C1/06 B09C101/00

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)
IPC 7 B09C E21B

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)
WPI Data, EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category * Citation of document, with indication, where applicable, of the relevant passages Relevanter to claim No.

A US 5 318 116 A (H. VINEGAR) 7 June 1994 (1994-06-07) cited in the application column 4, line 43 - column 5, line 51 column 7, line 50 - column 8, line 2 figure 1

A DE 197 07 096 C (C. BETZ) 20 May 1998 (1998-05-20) column 6, line 45 - column 7, line 4 figure 4

A US 5 545 803 A (BATTELLE) 13 August 1996 (1996-08-13)

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:
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* B* earlier document but published on or after the international filing date
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Date of the actual completion of the international search 24 June 2003

Date of mailing of the international search report 02/07/2003

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