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(54) Title: REMEDIAL COMPOSITION AND TREATMENT METHODS

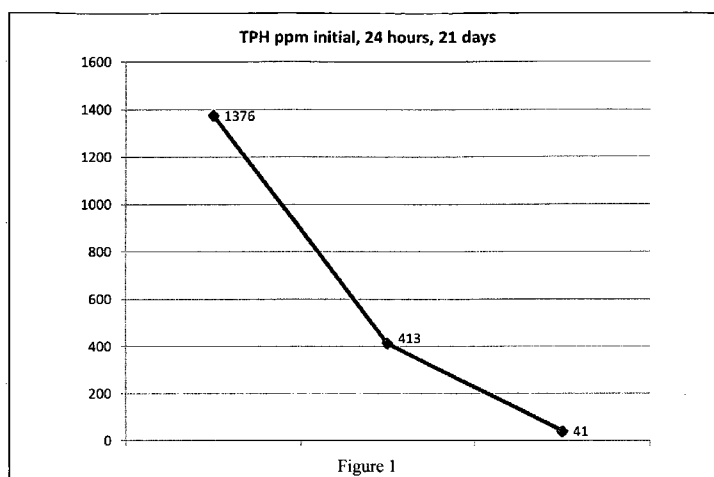


Figure 1

(57) Abstract: A remedial composition comprising a soluble silicate, a surfactant, a polyol and water is disclosed. The remedial composition of the present invention is generally intended for use in the treatment of soil, sand, water, fly ash and other mediums that may contain hazardous materials. In one embodiment of the present invention the soluble silicate of the remedial composition has a mole ratio of about 2.6 to about 3.9 moles silicate per mole of alkali metal oxide. In another embodiment of the present invention the remedial composition will have a pH level ranging from about 10.5 to about 11.9. In another embodiment the water component further comprises from about 0.5% to about 15% dissolved oxygen (O<sub>2</sub>). In another embodiment of the present invention the remedial composition may be further diluted by adding water to create various solutions comprising about 1 to 300 parts water to 1 part remedial composition.



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**INTERNATIONAL SEARCH REPORT**

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A. CLASSIFICATION OF SUBJECT MATTER  
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B. FIELDS SEARCHED  
 Minimum documentation searched (classification system followed by classification symbols)  
 B09C A62D

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)  
 EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 97/20600 A1 (ERS MILIEU TECHNIK V PETER KA [DK]; CHRISTENSEN JOERGEN MOELGAARD [DK]) 12 June 1997 (1997-06-12) page 1, line 1 - page 23, line 30; claims 1-12 -----	1-9,11,13-15
X	EP 0 151 884 A2 (ALBRIGHT & WILSON [GB]) 21 August 1985 (1985-08-21) page 1, line 1 - page 67, line 18; claims 1-72 -----	1-4,7-9,11,13-15

Further documents are listed in the continuation of Box C.

See patent family annex.

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

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