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(54) Title: SOIL TREATMENT DEVICE AND USE THEREOF FOR TREATING CONTAMINATED SOIL AND/OR GROUND-WATER CONTAINED THEREIN

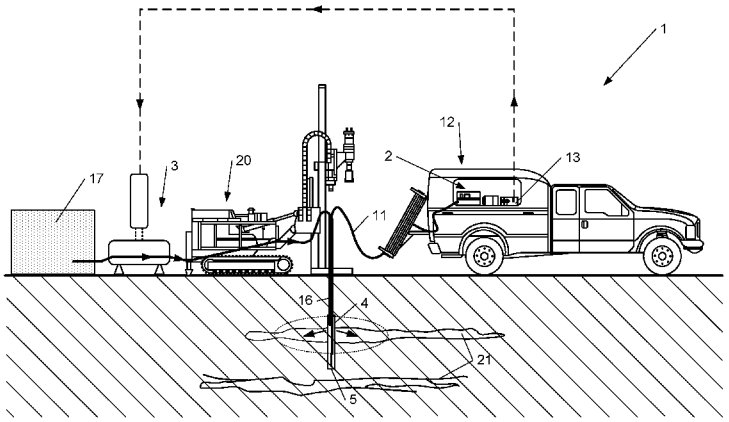


Fig. 1a

(57) Abstract: Soil treatment device and use thereof for treating contaminated soil and/or groundwater contained therein Soil treatment device (1) for treating a contaminated soil (21) and/or groundwater contained therein, comprising measuring means (2) for measuring contamination of the soil, injecting means (3) for injecting soil decontamination agents in the soil and a longitudinal soil penetration rod (4) provided with a rod tip (5) at an end of the soil penetration rod (4) for moving the soil penetration rod (4) into the soil, the outer surface of the soil penetration rod (4) comprising a measuring section (6) comprising at least one sensor (7) of the measuring means (2) for measuring contamination of the soil adjacent to the measuring section (6) when moved into the soil and an injection section (8) comprising at least one injection nozzle (9) of the injecting means (3) for injecting decontamination agent in the soil adjacent to the injection section (8), wherein the measuring section (6) and the injection section (8)are provided at longitudinally distinct locations of the soil penetration rod (4) and in that the measuring section (6) is closer to the rod tip (5) than the injection section (8),characterized in that the distance between the injection section (8) and the measuring section (6) is at least 0.5m.

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Minimum documentation searched (classification system followed by classification symbols)
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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

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 925 849 A2 (CANON KK [JP]) 30 June 1999 (1999-06-30)	1,2,6, 10-12, 16,17
Y	paragraphs [0001] - [0055] claims 1-34 figures 1,2 paragraph 15,21,25,31,32,40 -----	3-5,9
Y	NL 1 015 275 C2 (IN SITU TECHNIEKEN B V [NL]) 26 November 2001 (2001-11-26)	3
A	page 1, line 1 - page 7, line 31 figures 1,2 claims 1-9 page 6, line1 - 23, claims 3,4 -----	1,2,4-17
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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 475 227 A2 (XENEX GES ZUR BIOTECHNISCHEN S [DE] LOBBE XENEX GMBH [DE]) 18 March 1992 (1992-03-18)	4,5,9
A	page 1, line 1 - page 6, line 42 claims 1-21 figures 1,2 claim 21 -----	1-3,6-8, 10-17

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