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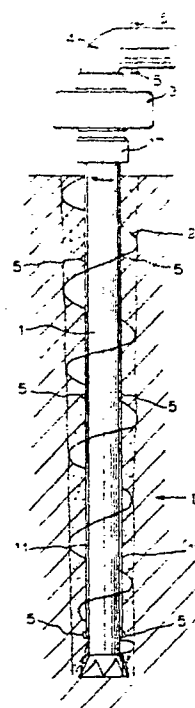
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07.02.90 Bulletin 90/06(71) Applicant: **Westpile Limited**
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(57) Continuous flight auger piling is performed using an auger having a hollow stem 1 and a continuous flight 2. The auger is screwed into the ground and is then extracted whilst concrete is pumped down the stem 1. Extracting the auger lifts the spoil out of the ground and a concrete pile is formed. In order to monitor the flow of concrete and prevent voids forming electrical conductivity sensors 5 are provided. If a void forms, the conductivity drops sharply and the driver can reduce the rate of extraction or stop extraction until the conductivity has regained its proper level.



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	US-A-3 200 599 (PHARES) * Column 1, lines 11-22; column 3, lines 15-69; column 15, line 44 - column 19, line 30; claim 1; figure 2 *	1-3,8	E 02 D 15/04
X	US-A-3 255 592 (MOOR) * Column 1, lines 8-70; column 5, line 68 - column 6, line 42; column 9, lines 11-23; claim 1; figure 1 *	1-3,8	
A	US-A-3 335 334 (ALBISSER) * Column 1, line 67 - column 2, line 27; claim 1; figures 1,2 *	3-6,9	
A	US-A-2 261 495 (EWERTZ) * Page 1, left-hand column, line 1 - page 1, right-hand column, line 17; claim 1, figure 1 *	3,4,7,9	
A	US-A-2 213 486 (DALE)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 02 D E 21 B G 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-11-1989	Examiner BELLINGACCI F.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			