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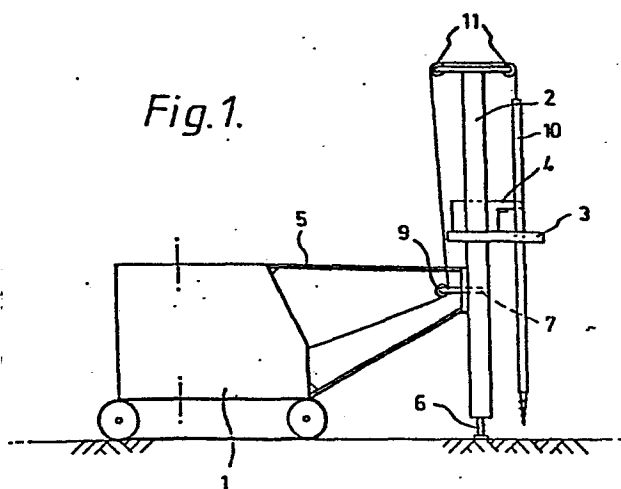
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Earth drill.

The present invention provides an earth drill in which a rotatable drill table and a support mast are carried at the front of a motive unit which can be rotated by an operator about a substantially vertical axis to slew the drill table into and out of register with the hole to be made by a drill auger driven by the drill table by means of a drill kelly characterised in that the operator is to be located offset to one side of the centre line of the mast, in that the drill table 3 is carried offset to that side of the support mast 2 with the axis of rotation of the drill kelly 10 mounted in the drill table 3 lying substantially on the circumference of a circle having its centre as the axis of rotation of the motive unit 1; thus providing the operator with an unobstructed view of the drill tip so as to aid location of the drill in the ground. Preferably, there are provided means 4 for supporting one or more tubes for lining the hole drilling by the auger, the support means 4 being located substantially symmetrically to the side of the mast 2 opposed the drill table 3 whereby the axis of the tubes supported by the support means 4 are located substantially on the circumference of the same circle as the axis of the drill kelly 10.

Fig.1.





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EUROPEAN SEARCH REPORT

0150977

Application number

EP 85 30 0424

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-3 754 604 (KOHSAKU INABA) * Whole document *	1-3,6	E 21 B 7/02 E 21 B 3/04 E 02 D 7/20 E 02 D 7/14
Y		4,5,8 9	
A		7	
A	US-A-1 602 375 (GIBSON) * Page 2, line 37; figures 2,3 *	1	
A	FR-A-2 506 830 (BOU) * Page 3, line 37 - page 4, line 5; figure 2 *	1	
Y	GB-A-2 106 952 (SOIL MECHANICS) * Whole document *	4,5,8 9	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A		10	E 21 B E 02 D E 02 F
A	FR-A-1 315 792 (FRANKIGNOUL) * Whole document *	1	
A	DE-A-2 238 692 (CORDES) * Figures 1,2 *	4,5	

The present search report has been drawn up for all claims			

Place of search THE HAGUE	Date of completion of the search 19-04-1985	Examiner PAUCNIK B.
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p>		<p>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</p> <p>& : member of the same patent family, corresponding document</p>
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