

Title (en)

Method and equipment for accurately positioning items in shafts or piles.

Title (de)

Methode und Einrichtung zur genauen Einstellung von Gegenständen in Schächten oder Pfählen.

Title (fr)

Méthode et équipement pour positionnement précis d'éléments dans des puits ou des pieux.

Publication

**EP 0302707 A1 19890208 (EN)**

Application

**EP 88307140 A 19880802**

Priority

GB 8718390 A 19870804

Abstract (en)

A method of locating an element in a borehole is provided, which method comprises (a) lining at least the upper part of the borehole with a shaft lining tube; (b) placing into the lined borehole a locating frame having at its lower end a pair of adjustable guide frames; (c) adjusting the position of the upper part of the locating frame to define an entry point for the element which is to be located in the borehole; (d) adjusting the pair of adjustable guide frames at the lower end of the locating frame to define a locus for receiving said element; and (e) locating said element between said entry point and said locus. In a variant (suitable for some ground conditions) the shaft lining tube is omitted. There is also provided a locating frame (6) for use in locating an element (19) in a borehole (2), which frame comprises (i) a space frame (6) of rectangular cross-section substantially free throughout its interior (axial) space; and (ii) at one end of said space frame, a pair of adjustable guide frames (9, 10) spaced apart axially from one another and each comprising a movable bar (15) parallel to one side (10) of the space frame (6) and in a radial plane, and drive means (12, 13, 14) for moving said movable bar (15) across the interior of the space frame, the respective movable bars (15) of the two adjustable guide frames (9, 10) being oriented mutually orthogonally.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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