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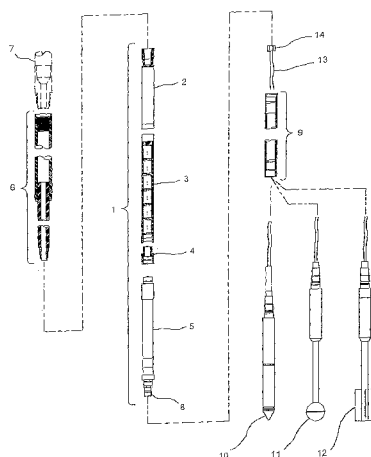
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(54) Title: INSTRUMENTATION PROBE FOR IN SITU MEASUREMENT AND TESTING OF SEABED



(57) Abstract: A probe assembly (1) suitable for use with apparatus for use in the investigation and/or analysis of an underwater floor of a body of water such as, for example, a seabed. The apparatus includes a depth penetration device (10), and an underwater floor testing tool (11, 12). The probe assembly (1) includes a first coupling for operative ly connecting the probe to the depth penetration device (10) and a second coupling for operatively connecting the probe assembly (1) to the underwater floor testing tool (11, 12). The probe assembly (1) further includes a signal processing module (5) for processing information from the tool, a data transmission module (2) for the transmission of data from the signal processing module (5), a power source (3) for operating the data transmission module (2) and the signal processing module (5) and a switch module (4) for selectively connecting from the power source (3) to the data transmission module (2) and signal processing module (5).



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