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(54) Title: DEVICE AND METHOD FOR MEASURING A CONDUIT IN A SUBMERGED OR SUBTERRANEAN ENVIRONMENT

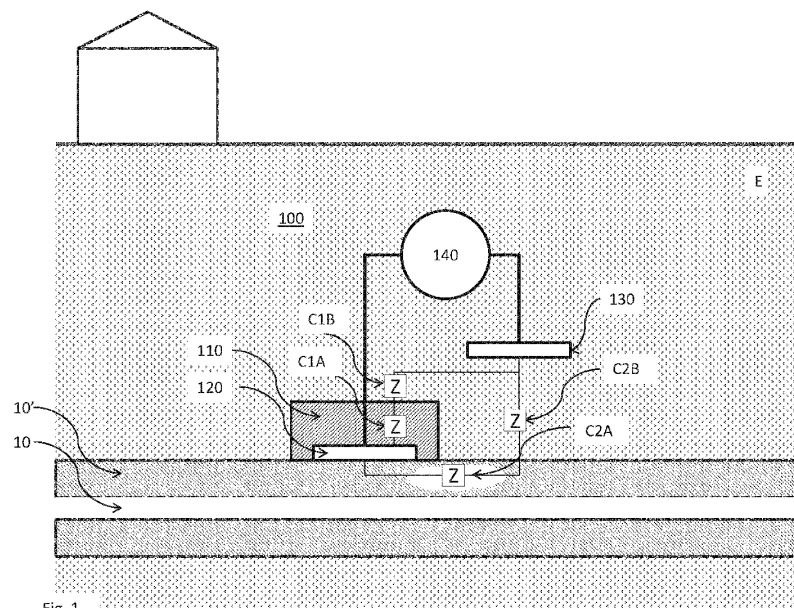


Fig. 1

(57) Abstract: Figure 1 illustrates a device (100) for measuring a conduit (10), wherein the conduit is arranged in a submerged or subterranean environment (E) and is surrounded by an insulator layer, wherein the device comprises: - a first electrode (120); - a mounting unit (110) configured to be arranged on a surface of the conduit (10) and to create an enclosure against the surface, said enclosure containing the first electrode (120) and configured to form a dielectric between the first electrode (120) and the environment (E); - a second electrode (130) configured to be arranged at a distance of the surface and at a distance of the first electrode (120), wherein the second electrode (130) is intended to be in contact with the environment; - a measurement instrument (140) configured to determine a value which is representative of an impedance between the first electrode and the second electrode.

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