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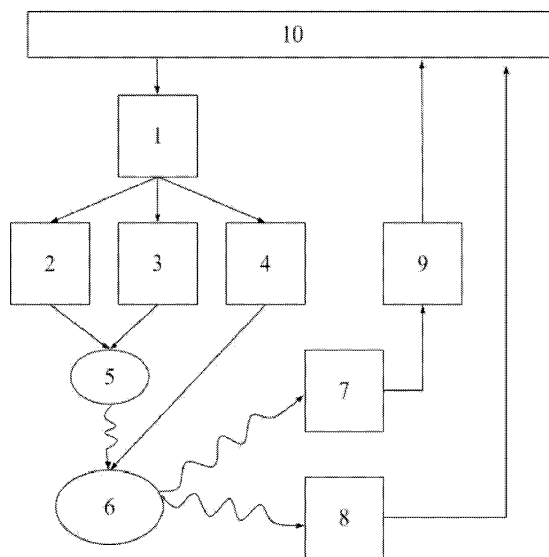


Fig. 1 Block diagram of the device

(57) Abstract: The invention relates to the field of detecting ferromagnetic underwater objects and other objects of artificial origin. The technical result of the invention consists in increasing the detection range of ferromagnetic underwater objects and other objects such as underwater robots and drones that have a complex and heterogeneous structure. The proposed detection method is based on using a radiating magnetic loop antenna in two operating modes: the first - parametric magnetization mode; the second - inductive with registration of parametric modulation and the channel of mechanical force impact by electrohydraulic shock. At the same time, due to the high penetrating ability of pulsed magnetic and mechanical shock physics fields, a malfunction of the electronic circuits of the detected object is captured through the body shell as an additional information feature.

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