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(54) Title: WATER INFORMATION DATA MEASURING DEVICE BASED ON ACOUSTIC

(57) Abstract: This device is a new way to measure the flow, velocity, temperature and salinity of water. To accurately measure these key parameters, you need a device that can record and measure all these parameters with confidence, high accuracy, simultaneously, quickly and easily. Using this system, it is possible to provide information on the desired aquatic environment at any time, even remotely to experts in various fields such as water management, agriculture, meteorology, floods, fisheries, biology and ... to be used. This device has two transducers that are used on both sides of the river and by measuring sound waves in the whole section of the river and recording information in the processor of the device, it can be measured by acoustic tomography, velocity, flow, temperature Is measured



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