

WATER RESERVOIR SYSTEM FOR COLLECTING WATER FLOW ENERGY FOR GENERATING
ELECTRICITY

ABSTRACT OF THE DISCLOSURE

A water reservoir system including a water drawing unit comprising a plurality of pumps driven by natural flow power to pump water from a water source to a water reservoir unit, and a water reservoir unit adapted to collect water from the water drawing unit, the water reservoir unit having a plurality of filter tanks adapted to receive water from the pumps of the water drawing unit, a plurality of check valves respectively mounted between the filter tanks and the pumps to prevent a reverse flow of water, and a water accumulator adapted to receive filtered water from the filter tanks, the filter tanks and the water accumulator being disposed in a predetermined altitude above the elevation of the water drawing unit, the filter tanks having a respective drain pipe at a bottom side, the water accumulator having a drain pipe at a bottom side connected to a hydraulic power generator unit.

(FIGURE 1 IS SUGGESTED FOR PUBLICATION)