

96-0048

The summary of the invention consists in the water passing at a speed of 0,1-0,5 m³/h dm² through an electrolyzer with ferromagnetic particles, covered with vanadium oxide layer having a diameter of 1,5-2,5 mm and a length of 1/2-2/3 taken from the interelectrode spacing value, fluidized by the magnetic rotatable field in the discharges attack conditions and bubbling of the air.

The tension of the unipolar impulse current is applied to the electrodes having an amplitude of 50-80 V, a frequency of 40-50 Hz and relaxation interval of 80-100 ms. The rotatable magnetic field is established by means of an inductor with the alternative power source.

The technical result of the invention consists in the mass transfer intensification and destruction of biological hard decomposable organic substances.

Claims: 4

Fig.: 2