

The invention relates to the field of purification of industrial effluents, in particular, to the devices of mechanical and sorption purification of waste water, mainly electrode and by-product coke industry that contain suspended matter, petroleum products, dissolved organic matter, for example, phenols. A device contains suspended matter, oil products and phenol. It includes a closed horizontal reservoir divided by water-permeable partitions into several chambers located consecutively one after another, filled with filtering grainy material.