

Method for preventing the process of inlay, scale accumulation on walls of pipes, boilers and other structures being in contact with hot electrolytes relates to chemical industry, power engineering, machine engineering, municipal economy and can be used at developing and maintenance of pipelines for hot electrolytes transportation, and for installations for heating, evaporating and de-salting electrolytes (those are artificially prepared salts solutions and natural mineral waters). The method proposed is in abrupt change of heat regime in the wall and the salt deposits being formed at the walls. To create conditions for contactless breaking the salt sediments being formed the wall that is in contact with the electrolyte is made mom-isothermal, with formation in the body if the wall heat loadings with density not less than 100 W/cm^2 by induction, resistive or electric heating; heat is carried to non-isothermal surface.