METHOD AND SYSTEM FOR AUTOMATED RESPONSIVE ELECTROCOAGULATION WASTEWATER PROCESSING

ABSTRACT

[0037] Methods and system for wastewater treatment are provided. According to at least one aspect of the present embodiments, a system for responsive electrocoagulation wastewater processing includes an electrocoagulation (EC) reactor, one or more sensors and a processing means. The EC reactor processes influent waste water while the one or more sensors monitor water quality parameters of the influent waste water. The processing means is coupled to the one or more sensors and determines a predicted chemical oxygen demand (COD) in response to the monitored parameters of the influent wastewater. The processing means is also coupled to the EC reactor for controlling its operation in response to the predicted COD.

FIG. 2