

Abstract

If incorporated in a cleaning system using persulfuric acid, the invention serves for continuous cleaning while increasing the persulfuric acid concentration adequately to ensure enhanced cleaning performance. The invention provides a feeding apparatus that feeds persulfuric acid to a cleaning apparatus. The cleaning system uses an electrolysis reactor 10 that regenerates the persulfuric acid solution by performing electrolytic reaction to produce persulfate ions from sulfate ions contained in the solution, and a circulation line 4, 5, 6 that circulates the persulfuric acid solution between the cleaning vessel 1 and the electrolysis reactor 10. Configured as above, the invention can provides a feeding apparatus. The cleaning system comprises said configuration and a cleaning vessel 1 that cleans objects 30 using a persulfuric acid solution 2 as cleaning fluid.