ABSTRACT

In an exhaust gas desulfurizer employing a seawater method, a decrease in decarbonation performance of diluted used seawater is prevented or inhibited by accelerating mixing and dilution of the used seawater with diluting seawater. In the exhaust gas desulfurizer (1) in which used seawater after desulfurization falls into diluting seawater flowing in a seawater treatment system (9) and the resulting diluted used seawater obtained by mixing the used seawater and the diluting seawater is decarbonated while flowing in the seawater treatment system (9), a turbulence-generating device (20) for accelerating the mixing of the used seawater and diluting seawater is provided in the seawater treatment system (9).