ABSTRACT

Provided is an exhaust gas desulfurizer employing a seawater method, wherein good desulfurization performance can be obtained by reliably preventing drift and a blow-through phenomenon of boiler exhaust gas with an easy and simple structure. In the exhaust gas desulfurizer (1A) employing the seawater method in which desulfurization is conducted by gas-liquid contact of the boiler exhaust gas rising up from the lower portion of a desulfurization tower (2) and the seawater falling from the upper portion of the desulfurization tower (2), vertically extending partition plates (10) are arranged so that a horizontal cross-sectional area in the desulfurization tower (2) is divided into predetermined values or less.