

SCRUBBER SYSTEM WITH AUTOMATIC PRESSURE CONTROL VENTURI

ABSTRACT

Provided is a scrubber system in which by improving a structure of an existing scrubber inlet preventer, a diameter of the lower end of a second cleaning liquid buffer forming the lower end of the inlet preventer is extended, a separate nozzle is installed in a lower pipe part to prevent generated powder from blocking the lower end of the inlet preventer, a path of a material to be treated first descends along the inlet preventer and then first ascends along a first chamber and a second chamber, second descends to a third chamber again, wherein the an automatic pressure control system including a venturi is installed on the upper end of the third chamber to prevent a backflow of the material to be treated, and then is guided to a fourth chamber with a polypropylene absorber to second descend in the fourth chamber and discharged to an outlet.

FIG. 1