

SEAWATER CIRCULATION SYSTEM HAVING SEAWATER SUPPLY  
FUNCTION AND SEAWATER STIRRING FUNCTION FOR EXHAUST GAS  
PROCESSING APPARATUS AND FOR COOLING OF HEATING ELEMENT

【ABSTRACT】

5       The present invention relates to a seawater circulation  
system, and more specifically, to a seawater circulation system  
having a seawater supply function and a seawater stirring  
function for an exhaust gas processing apparatus and for the  
cooling of a heating element. One embodiment of the present  
10 invention provides a seawater circulation system comprising: a  
sea chest; a cooling part which is coupled to the sea chest,  
receives seawater from the sea chest, is coupled to a heating  
element, and lowers the temperature of the heating element by  
heat exchange; a scrubber part for processing exhaust gas; a  
15 first discharge pipe part which is coupled to the cooling part,  
and receives seawater discharged from the cooling part; a  
supply pipe part which supplies, to the scrubber part, some or  
all of the seawater discharged from the cooling part or the  
first discharge pipe part; a second discharge pipe part which  
20 receives seawater discharged from the scrubber part; and a  
stirring part which receives seawater discharged from the first  
discharge pipe part and the second discharge pipe part, and  
stirs the seawater.

(FIG. 2)