

GAS TURBINE SYSTEM

Abstract

Provided is a gas turbine system (1) including: an ammonia tank (13) configured to store ammonia in a liquid state; a combustor (12), which is connected to the ammonia tank (13), and to which the ammonia is to be supplied in a liquid state; an exhaust flow passage (102) connected to the combustor (12); a boiler (14) provided in the exhaust flow passage (102); and a heat exchanger (16), which is arranged on a downstream side of the boiler (14) in the exhaust flow passage (102), and through which an ammonia flow passage (103) connecting the ammonia tank (13) and the combustor (12) to each other passes.

15 (Fig.1)