

SEAWATER COOLING SYSTEM AND COOLING METHOD

ABSTRACT

5 According to embodiments of the present invention, a seawater cooling system is provided. The seawater cooling system includes a seawater cooling device; and an adjunct chiller. The seawater cooling device is in serial fluid communication with the adjunct chiller within a seawater loop. The seawater cooling device is further in serial fluid communication with the adjunct chiller within a chilled water loop, in absence of a bypass
10 or partial bypass path in the chilled water loop. The seawater loop and the chilled water loop is fluidically independent of each other. According to further embodiments of the present invention, a cooling method is also provided.

FIG. 2