ABSTRACT

SYSTEM FOR CONTROLLING THE TEMPERATURE OF SUBSEA EQUIPMENT

An underwater assembly includes a flow control device and an actuator coupled to the flow control device, where the actuator is configured to actuate the flow control device. The underwater assembly further includes an insulated housing surrounding the flow control device and the actuator, where the insulated housing is configured to retain heat. The underwater assembly also includes a thermal control system comprising a heat exchanger configured to control a temperature of the actuator.

(FIG. 2)