

COOLING SYSTEM

Abstract

A cooling system according to an embodiment includes: a sealed container 10 that includes a first outflow port 11 and an inflow port 13 and stores a refrigerant in liquid form; a pressure reducing device 20 that is connected to the first outflow port 11 and adjusts a pressure in the sealed container 10 to be lower than an atmospheric pressure by sucking gas from the sealed container 10 through the first outflow port 11; and a refrigerant circulation device 30 that includes a refrigerant flow path 31 to be connected to the pressure reducing device 20 and the inflow port 13 and causes a refrigerant in liquid form liquefied from the gas sucked from the sealed container 10 by the pressure reducing device 20 to flow into the sealed container 10 through the inflow port 13.

Fig. 1