

ABSTRACT

RADIATOR, METHOD FOR MANUFACTURING RADIATOR, AND REMOTE RADIO UNIT

A radiator (10), a method for manufacturing a radiator (10), and a remote radio unit are
5 provided. The radiator (10) includes a tank (11) and a heat dissipation component (12) disposed in
the tank (11). The heat dissipation component (12) includes a housing (121), where the housing
(121) has an accommodation cavity (122) for accommodating cooling liquid. The heat dissipation
component (12) is in contact with a heat source component (20) of the remote radio unit by using
a first opening (111) on one side of the tank (11). The cooling liquid in the accommodation cavity
10 (122) vaporizes and evaporates into the accommodation cavity (122) after absorbing heat
dissipated from the heat source component (20). The vaporized and evaporated working liquid
condenses and releases heat when touching an inner wall of the accommodation cavity (122) (such
as the top of the accommodation cavity (122)) with low temperature, and the condensed cooling
liquid flows back to the bottom of the accommodation cavity (122). A cycle is repeated in this way,
15 so that uniform heat dissipation and high temperature equalization performance are implemented,
and a heat dissipation effect of the radiator (10) is effectively improved.

Figure 2