

## ABSTRACT

**PASSIVE HEAT RADIATOR AND STREETLIGHT HEAT RADIATING DEVICE**

The present invention relates to a passive heat radiator and a streetlight heat radiating device. The passive heat radiator includes: a heat radiating base plate; a slablike upstanding plate connected to the heat radiating base plate by soldering, and perpendicular to a horizontal plane when the heat radiating base plate is under a mounting status; a heat absorbing ending face disposed at one side of the heat radiating base plate deviated from the upstanding plate, and adapted to mount a heat generating element; and heat radiating fins connected to a surface of the upstanding plate by soldering, and perpendicular to the horizontal plane when the heat radiating base plate is under the mounting status. The heat radiating device includes a mounting seat and connecting seats. The heat absorbing ending face is provided with a bulb holder, or a circuit board is layout in the heat absorbing ending face, and connected with the streetlight bulb by soldering; the mounting seats are connected to the sides of the heat radiating base plate respectively; and the connecting seats are fixed and connected to the sides of the mounting seats. The present invention adopts an upstanding plate and heat radiating fins substantially perpendicular to a horizontal plane to form a heat radiating channel with a direction consistent with that of hot air flowing, which improves heat radiating effect.

Figure 14