

ABSTRACT

An anti-freezing method for a braking device, which is applied to the technical field of rail vehicles. The method comprises: obtaining an ambient temperature and a vehicle state of a rail vehicle; if the ambient temperature is lower than a preset temperature threshold and the vehicle state meets a preset vehicle condition, controlling a brake caliper to perform opening and closing operations according to a first preset time interval, said opening and closing operations comprising: opening the brake caliper for a second preset time and then closing same. According to the described anti-freezing method, the process of controlling the opening and closing operations of the brake caliper is cyclically performed using the first preset time interval as a period, so that the brake caliper is in an action state of cyclically opening and closing in a severe cold climate, which thereby prevents the brake caliper from being frozen in a state for a long time, and ensures that the rail vehicle may still start normally in the severe cold climate. Also provided is an anti-freezing device for a braking device.