ABSTRACT

Provided are an electric tankless water heater and a control method for an electric tankless water heater. The electric tankless water heater (100) includes a dissolved air vessel (110), an air pump (120), a water pump (130), and a heating device (140). The dissolved air vessel has an air inlet (112), a water inlet (113), and a bubble water outlet (114). The air pump (120) is connected to the air inlet (112). The water pump is connected to the water inlet (113). A heat exchanger pipe (141) of the heating device (140) is connected to the bubble water outlet. A heating element (142) is configured to heat the heat exchanger pipe.

Fig. 1