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[54] VACUUM CONTAINER WITH HEATING UP FUNCTION
一種真空保溫裝置

[57] This short-term patent application discloses a vacuum insulation device which is portable and has the ability of long-term insulation and instant heating. The device comprises: a base and a vacuum insulated container that can be placed on the base; the vacuum insulated container comprises a vacuum insulation cup body and a cup holder at the bottom thereof; the vacuum insulation cup body comprises a vacuum outer wall and a vacuum inner wall, a heater is provided at the bottom of the vacuum inner wall and is located in the cup holder, and the cup holder is further provided with a receiving coil and a receiving control circuit connected to the heater; a transmitting coil and a transmitting control circuit is provided in the base. When the transmitting control circuit is powered on, the transmitting coil can emit electromagnetic energy under the transmitting control circuit. The receiving coil can wirelessly receive the electromagnetic energy and convert it into electrical energy. The electrical energy can be applied to the heater by the receiving control circuit. The device is waterproof and portable and has high heating and insulation efficiency.

本短期專利公開了一種具有長時保溫、即時加熱且便於攜帶的真空保溫裝置。該裝置包括：底座和能夠放置在底座上的真空保溫容器；所述真空保溫容器包括真空保溫杯體及其底部的杯座；所述真空保溫杯體包括真空外壁和真空內壁，所述真空內壁的底部設有位於所述杯座內的加熱器，所述杯座內還設有與所述加熱器連接的接收線圈和接收控制電路；所述底座內設有發射線圈和發射控制電路；當所述發射控制電路連接電源後，所述發射線圈能夠在所述發射控制電路的作用下發射電磁能量；所述接收線圈能夠以無線方式接收該電磁能量並轉換為電能，該電能能夠被所述接收控制電路施加於所述加熱器。該裝置具有加熱及保溫效率高、防水性能佳、便於攜帶等優點。