

WIRELESS CHARGING DEVICE, DEVICE TO-BE-CHARGED, AND METHOD FOR CONTROLLING THE SAME

ABSTRACT

Provided are a wireless charging device, a device to-be-charged, a method for controlling a wireless charging device, and a method for controlling a device to-be-charged. The wireless charging device (10) includes a wireless transmitting circuit (12), a transmitting coil (14), and a control circuit (16). The transmitting coil (14) includes multiple pairs of joints, and transmitting-coil turns defined by each pair of joints is different. The control circuit (16) is configured to select one of the multiple pairs of joints to be electrically coupled with the wireless transmitting circuit. The transmitting coil includes multiple pairs of joints, and the control circuit can select and switch between the multiple pairs of joints according to actual needs, which is possible to improve flexibility of wireless charging.