

INDUCTION HEATED HAIR STYLING APPLIANCES AND THE HEATING UNIT THEREFOR

ABSTRACT

The present invention provides an induction heating unit for heating up a hair styling appliance. The induction heating unit comprises a container defining a well that is surrounded by an induction coil winding, a controller electrically connected to the induction coil winding to operationally control a heating power; and a sensor plug disposed at the bottom on the well, the sensor plug adapted for coupling with a sensor socket on the hair styling appliance to detect at least temperature of the hair styling appliance through a temperature sensor, wherein the controller operationally controls a heating power based at least on the temperature detected through the temperature sensor. A method of heating up a hair styling appliance is also provided.

(FIG. 1A)