

HAIR REMOVAL INSTRUMENT

ABSTRACT

This application relates to a hair removal instrument, including a cooling driver, a housing, a hair removal apparatus, a cold compress part, a heat conduction part, a control board, a sealing cover, and a temperature control apparatus. The cooling driver is provided with a driving port, the cooling driver is fastened in the housing, and the housing is provided with an air outlet, a cooling channel butt-jointed to the driving port and in communication with the air outlet, and a light outlet in communication with the cooling channel. The hair removal apparatus is fastened in the cooling channel. The cold compress part is fastened on the light outlet, one end of the heat conduction part is located in the cooling channel, and the other end of the heat conduction part is connected to the cold compress part. The control board is fastened in the housing. One end of the sealing cover is fastened on the air outlet, the other end of the sealing cover is connected to the heat conduction part, the sealing cover is provided with an air guide hole and air ventilation holes, one end of the air guide hole is in communication with the cooling channel, and the other end of the air guide hole is in communication with the air ventilation holes. The temperature control apparatus is mounted on an inner wall of the air guide hole, and both the hair removal apparatus and the temperature control apparatus are electrically connected to the control board. When the temperature control apparatus detects that a temperature at the air guide hole is excessively high, the control board controls the hair removal apparatus to stop operating.

[Fig.9]