

The proposed electrical burner ring contains a steel ring (1) with insulating coating (2), onto which a heating element (3) and compensating element (4) are installed. In the insulating coating, an opening (5) is provided, at which a temperature limiter (6) is installed. One of the terminals of the temperature limiter is electrically connected to the compensating element (4), and the other terminal is connected to the heating element (3). The corresponding terminals of the heating element and the compensating element are connected to the terminals of the mains line, for example 220 V line.