

INFRARED RAY LAMP, HEATING APPARATUS AND METHOD OF PRODUCING THE INFRARED RAY LAMP

ABSTRACT

An infrared ray lamp having a structure wherein a groove is formed in the vicinity of each of both end portions of a substantially plate heating element formed of a carbon-based substance, a carbon-based adhesive is applied to a region including the groove, and the end portion of the heating element is inserted into a slit formed at the end portion of a heat-emitting block having high conductivity so as to be sandwiched; by forming a reflection film on the glass tube of the infrared ray lamp, an infrared ray lamp having a desired emission intensity distribution is provided; a heating apparatus using this infrared ray lamp and method of producing the infrared ray lamp are also provided.

Figure 1