

Title (en)
RADIANT HEATER COMPRISING A HEATING TUBE ELEMENT

Title (de)
HEIZSTRAHLER MIT HEIZROHRELEMENT

Title (fr)
PROJECTEUR CHAUFFANT DOTÉ D'UN ÉLÉMENT TUBULAIRE CHAUFFANT

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Application
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Abstract (en)
[origin: WO2014102013A2] The invention relates to a radiant heater (1) comprising a heating tube element (2). The heating tube element (2) has a heating tube (3) that is permeable to infra-red radiation, or is transparent or semi-transparent. The heating tube (3) is located in a focus area of a reflector having at least one focussing curvature (4). The at least one heating tube element (2) is located in a housing (6) comprising at least one front face (7) that is transparent or semi-transparent to infra-red radiation. The housing (6) has an edge face and a rear face (8, 9) that shield against infra-red radiation. The at least one heating tube element (2) has a plurality of carbon fibres (10) inside the heating tube (3), said fibres forming a dimensionally stable infra-red heating spiral (11) of carbon cord (12) and the reflector is an infra-red reflector (5) adapted to the infra-red spectrum of the heating tube element (2).

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