Title (en)

A RADIANT HEATING SYSTEM WITH A HIGH INFRARED RADIANT HEATING CAPACITY, FOR TREATMENT CHAMBERS

Title (de)

STRAHLUNGSHEIZUNG MIT EINER HOHEN INFRAROT-STRAHLUNGSLEISTUNG FÜR BEARBEITUNGSKAMMERN

Title (fr)

CHAUFFAGE PAR RAYONNEMENT A HAUT POUVOIR DE RAYONNEMENT INFRAROUGE DESTINE A DES CHAMBRES DE TRAITEMENT

Publication

EP 1228668 A1 20020807 (DE)

Application

EP 00987096 A 20001108

Priority

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Abstract (en)

[origin: WO0135699A1] The invention relates to a radiant heating system with a high infrared radiant heating capacity, for treatment chambers. The aim of the invention is to provide a vacuum-compatible radiant heating system with which it is possible to achieve considerable radiation capacities reliably. According to the invention, a tube (1) that is permeable to infrared radiation is provided. Said tube extends into the treatment chamber (3) and penetrates the wall (6) of said chamber with at least with one end. A source (2) of infrared radiation is situated inside the tube (1), the inside of the tube (1) being insulated in relation to the atmosphere inside the treatment chamber (3).

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Citation (search report)

See references of WO 0135699A1

Cited by

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