

Title (en)

Heating group for diathermic fluid radiant elements

Title (de)

Wärmegruppe für ein diathermisches Flüssigkeitsstrahlungselement

Title (fr)

Groupe chauffante pour éléments radiantes à fluide diathermique

Publication

EP 1655546 A3 20060726 (EN)

Application

EP 04106370 A 20041207

Priority

IT VI20030248 A 20031209

Abstract (en)

[origin: EP1655546A1] A heating group (1) for diathermic fluid radiant elements (A, B) comprising: a heater (2) put in contact with the diathermic fluid and consisting of a tubular body (4) containing an electric insulator (4a) in which at least an electric resistance (5) is immersed; a tubular sleeve (6) disposed at one end of the tubular body (4) and provided with fastening means (6a) to the radiant element (A, B); a feeding group (7) of the heater (2), comprising at least a solid-state switch (8) able to connect the electric resistance (5) to a distribution power grid (9); electronic control means (10) for switching off and switching on the switch (8). The solid-state switch (8) is disposed inside the sleeve (6), where it is incorporated in a thermo-conductive core (11; 19; 20) adherent to the inner wall (6a) of the sleeve (6).

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2932551A1; EP2000747A3; EP4271128A1; IT202200008582A1; EP2251612A1; FR2945107A1; ITVI20120103A1; EP2661151A1

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